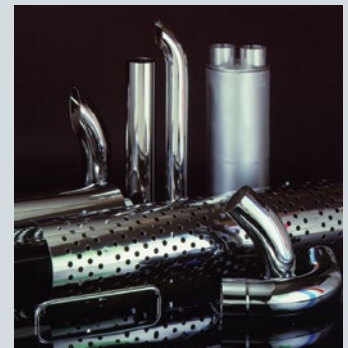




Exhaust Product Guide

for Medium- & Heavy-duty
Vehicles and Equipment

Mufflers • Clamps • Tubing / Connectors • Stacks / Tailpipes • Elbows • Hangers / Brackets • Shields



This publication contains a wide selection of standard mufflers and exhaust components for diesel-powered vehicles and equipment. For assistance, contact Donaldson or your local Donaldson distributor.

Distributed by:

This publication contains a wide selection of standard exhaust components for diesel-powered vehicles and equipment.

Donaldson has the technical expertise, superior customer support and vast network of locations around the world to meet your toughest needs – from initial system design through replacement products.

For assistance with muffler or accessory selection, contact your local Donaldson distributor or dealer.

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Features and Benefits of Donaldson Mufflers

Low Backpressure

Better fuel economy and efficient engine performance

Aluminized Steel

Delivers long service life and is corrosion resistant

Lightweight Construction

Minimizes stress and vibration on mounting system

High Temperature Paint

(Available on select product)

Paint adds corrosion resistance and enhanced finish



Donaldson Mufflers

Donaldson exhaust systems are original equipment on most pre-2007 medium- and heavy-duty trucks manufactured in North America. Donaldson engineers work with many OE truck and off-road equipment manufacturers to design and build quality exhaust systems to meet specific performance requirements.

Truck Mufflers for Every Budget



BEST
Part No. M101158 & M101181

- 1 million mile warranty on M101158 – stainless steel Silent Partner™
- 500,000 mile warranty on M101181 – aluminized steel Silent Partner
- Superior acoustic performance – specifically addresses engine brake noise by silencing engine brake “bark”



BETTER
Part No. M100580

- M100580 Donaldson muffler
- Meets all OEM back pressure, strength and life requirements
- Exhaust noise level is 4.5 - 7.5 dB(A) quieter than M100465 muffler



GOOD
Part No. M100465

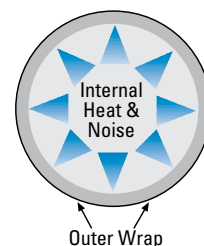
- The M100465 is the most common, most popular service muffler in the industry
- Low back pressure provides good fuel economy and efficient engine performance

What external characteristics differentiate mufflers?

- Shape of muffler (generally round or oval)
- Style (inlet/outlet configurations on the muffler)
- Materials

What internal characteristics differentiate mufflers?

- Wrapped (with insulation) or unwrapped
- Insulation sandwiched between inner and outer body
 - Reduces noise/high frequency
 - Lowers outer shell temperature
 - Reduces radiated heat
- Quantity, size, and position of internal baffles and tubes

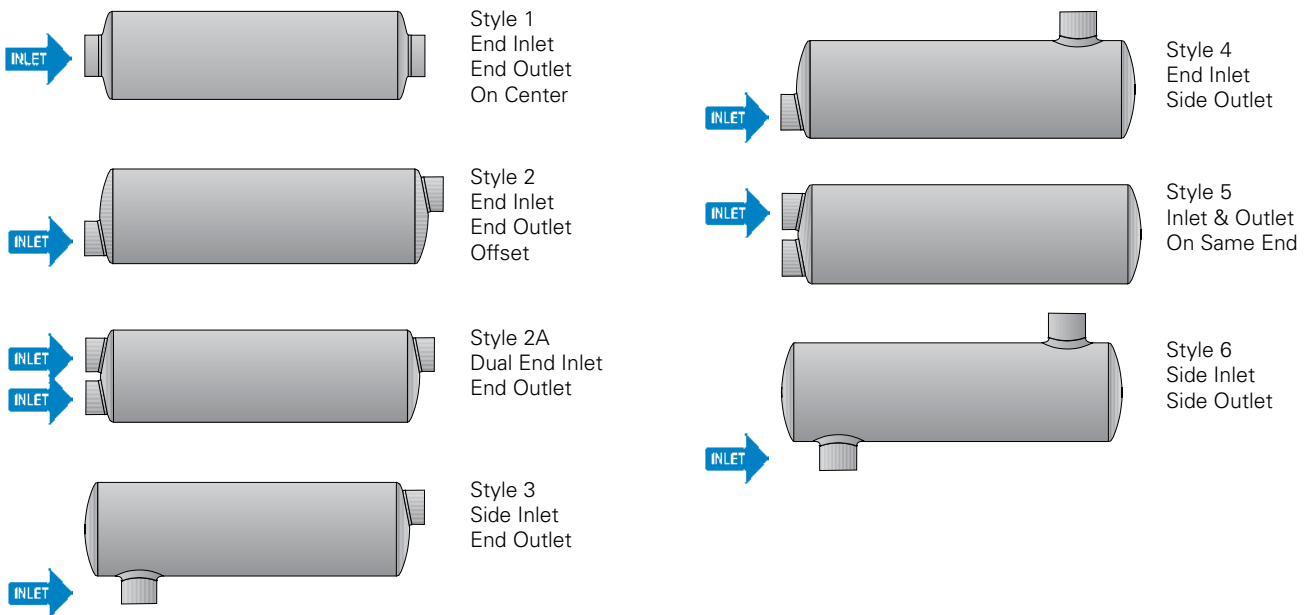


Exhaust Product Materials

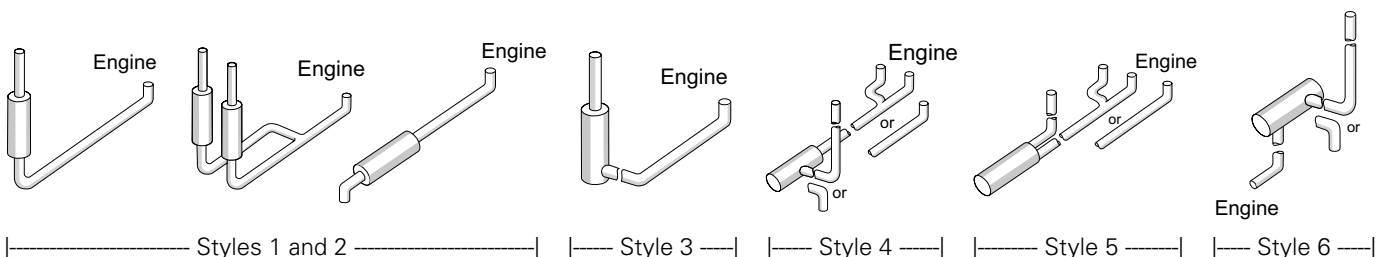
A number of different materials are found in exhaust systems. Often different options are available for use in a single application. Since materials vary in strength, corrosion resistance and price, a particular material may be preferred in certain applications. Some of the most common materials, their qualities and their typical uses are listed in the table on the right.

Materials*	Used in	Qualities
Aluminized Mild Steel	Mufflers	Good Corrosion Resistance
	Exhaust Components	
Stainless Steel (with and without aluminized coating)	Flexible Tubing	Stronger Excellent Corrosion Resistance
	Mufflers	
	Exhaust Components	
	Emissions Products	
Chrome	Accessories	Bright Mirror Finish
Galvanized	Flexible Tubing	Low Material Cost Temperature Limit 600°F
Cold Rolled	Accessories	Poor Corrosion Resistance Low Cost

Muffler Styles



Exhaust System Configurations



1950s

When exhaust was about silencing -- we led the way! Frank Donaldson sold enough mufflers in 1951 to open our first exhaust manufacturing facility in Grinnell, Iowa in 1952.



1960s

In the 1960s, sound meters were used to measure noise levels (see image above). Donaldson is one of the first manufacturers to introduce the use of aluminized steel in exhaust systems.

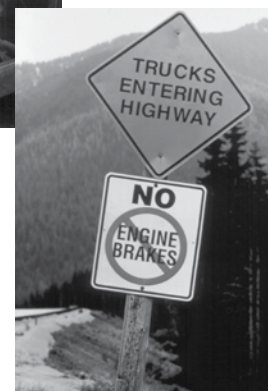
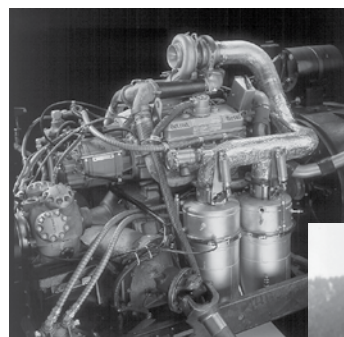
1970s

Donaldson introduces mufflers with integrated ejectors and wrapped mufflers. Wrapped mufflers reduced the overall exhaust system noise and the exterior body temperature. Donaldson SealClamp™ band-style exhaust clamp launched into the marketplace. Donaldson expands to Japan. In 1973, U.S. noise regulations went into effect for on-road vehicles – Donaldson offers a muffler line that was effective at noise reduction without loss of horsepower.



1980s

In 1981, Donaldson opens a new technical center. The center included two anechoic chambers which expanded our technical capabilities. Mufflers meet 1988 U.S. EPA truck noise regulations (sonic chokes and floating baffles).



1990s

When engine manufacturers needed help to meet the first U.S. Emissions regulations, innovations continued. In the early 1990s, we pioneered the design of integrated catalytic converter mufflers and diesel particulate solutions for three major U.S. engine and truck manufacturers. In the late 1990s, Silent Partner™ was the first muffler that effectively reduced engine brake noise without loss of power or fuel economy. During this decade, Donaldson expands exhaust manufacturing in Europe (France); Mexico (Guadalajara); and the United States (Alabama).

2000s

2001 Donaldson forms a group dedicated to emissions reduction efforts for diesel engines; Spiracle™ crankcase filtration introduced to eliminate emissions from open crankcase vents. Mass production of CCMs for on-road OEs begins.

2002 First company to verify tailpipe and crankcase solution (patented).

2003 Donaldson expands exhaust manufacturing in Aguascalientes, Mexico.

2004 Donaldson upgrades and expands heavy-duty engine test cell capabilities; U.S. MSHA accepts Donaldson high temp exhaust filter.

2006 Donaldson expands European emissions staff and Mexico exhaust manufacturing to Monterrey; Donaldson improves Stepped SealClamp™.

2007 Donaldson expands OE emissions support with production of active and passive exhaust aftertreatment systems to meet U.S. EPA 2007 on-road emissions regulations.

2009 Donaldson produces urea and non-urea based NOx reduction systems for OE 2010 vehicles.

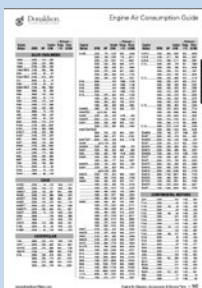


Since the early 1990s, Donaldson has sold more than a million DOC Mufflers.

The calculations on the right are provided as a reference and may be helpful as you validate and select Donaldson mufflers and components.

For the most accurate engine airflow and exhaust flow rates, Donaldson recommends using the information supplied by your engine manufacturer.

Looking for Engine Exhaust Flow Guide?



See Exhaust Flow Reference Section of this catalog, page 173.



Airflow guide should only be used as a reference document. For proper muffler application, look to your engine supplier for the most accurate and current information.

Engine Exhaust Flow Rate Calculation

Exhaust flow rate may be calculated using the following formula.

$$\left(\frac{\text{Exhaust Temp. (°F)} + 460}{540} \right) \times \text{Intake Airflow (CFM)} = \text{Exhaust Flow (CFM)}$$

Exhaust temperature and intake airflow rate must be determined to calculate the exhaust flow rate. Exhaust temperature and manufacturers maximum backpressure may be approximated using the table below.

Engine Type	Engine Temperature	Maximum Backpressure
Diesel 2-Cycle Naturally Aspirated	= 900° F	4" Hg
Diesel 2-Cycle Turbo	= 750° F	3" Hg
Diesel 4-Cycle Naturally Aspirated	= 1000° F	3" Hg
Diesel 4-Cycle Turbo	= 900° F	3" Hg
Gasoline (all types)	= 1200° F	>4" Hg

Note: If you are specifying a dual muffler system, remember to divide engine's exhaust flow (CFM) by two

Engine Airflow Calculation

CFM intake rate is available from the engine manufacturer. If CFM specifications are not available, use the volumetric efficiency calculation. A simple calculation for CFM is to multiple the horsepower of your engine by 2.5.

4-Cycle Engine Airflow Calculation

$$\left(\frac{\text{Engine Size (CID)} \times \text{RPM}}{3456} \right) \times \text{Volumetric Efficiency} = \text{Intake Airflow (CFM)}$$

2-Cycle Engine Airflow Calculation

$$\left(\frac{\text{Engine Size (CID)} \times \text{RPM}}{1728} \right) \times \text{Volumetric Efficiency} = \text{Intake Airflow (CFM)}$$

Volumetric Efficiency

Engine volumetric efficiency ratings are best obtained from your engine manufacturer. Engines operating with electronic controls could have volumetric efficiency ratings of more than 2.0. Airflow on these engines should be verified by the engine manufacturer.

4 Cycle GAS Engine	Naturally Aspirated	=	.70 - .80
2 and 4 Cycle DIESEL Engine	Naturally Aspirated	=	.90
	Turbo*	=	1.50 - 3.00*

* If VE rating is not available, Donaldson recommends using the highest value to insure proper airflow.

The information below is the exhaust portion of our Engine Aftermarket Filtration & Exhaust Warranty Document: F110064

Warranty Coverage

Donaldson warrants its Aftermarket products against failure due to defects in materials and workmanship for the period specified under Terms and Conditions for the particular product. Donaldson's obligation under this warranty covers replacing the failed product, including transportation charges, only. If the Donaldson product failure is the sole and direct cause of damage to the equipment on which the product was properly installed, Donaldson will reimburse reasonable costs to restore the equipment to the condition it was in immediately before the failure. This warranty does not cover failure due to misapplication, misuse, abuse, neglect, rust through and corrosion (mufflers), improper installation, improper service practices or non-Donaldson approved modifications.

Engine and equipment manufacturers warranties remain in effect when Donaldson products are used.

Notification

Donaldson must be notified in writing of any claims covered by this warranty within one year of the date of failure. Donaldson, at its discretion, will either physically visit the site where the alleged failure has been found; or, request that all parts (Donaldson and other relevant parts) be shipped prepaid to its General Office, in care of the Product Lab or as otherwise specified.

Terms and Conditions

Warranty coverage begins on the date and mileage the product is purchased by the user and expires when the specified number of years or miles has passed, whichever occurs first.

The length of warranty for replacement products provided under warranty coverage is the balance of the warranty period remaining on the product being replaced.

Warranty Length by Product Type

Exhaust Products	Warranty from Date of Delivery to User
Diesel Mufflers Vertical Installation Horizontal Installation	4 years or 500,000 miles (800,000 km) 3 years or 500,000 miles (800,000 km)
Gas Mufflers	1 year
Silent Partner™ Exhaust Silencer Stainless Steel Aluminized Steel	8 years or 1,000,000 miles (1,600,000 km) 4 years or 500,000 miles (800,000 km)
Exhaust Accessories Chrome Parts (peeling and blistering only) Flex Pipe Long-Life Flex Pipe	1 year 1 year or 100,000 miles (160,000 km) 90 days 1 year or 120,000 miles (200,000 km); on-highway use only

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Purpose of an Exhaust System

Exhaust system design specifications are typically defined by the OEs. They are looking for a solution that can redirect engine exhaust, reduce exhaust noise and most recently, reduce emissions (hydrocarbons, carbon monoxide, soluble organic fraction (SOF)).

Diesel engines are a reliable and efficient power source for vehicle and equipment manufacturers. Governmental regulations across the globe are driving diesel engine users to consider buying new vehicles to meet the new emissions regulations.



Muffler Design & Performance

Donaldson mufflers are designed and tested with specific focus on three performance variables: attenuation, backpressure and structural.

Attenuation

For exhaust systems, attenuation refers to the reduction in sound level measured between an engine without a muffler and the same engine with a muffler. This sound level is typically measured in a decibel scale (dBAs). Traditional mufflers use tubes, baffles, and expansion chambers and insulation to help control noise. Newer applications include emissions reduction devices installed in the exhaust system. Many of the devices also provide the needed noise attenuation either in part or in total.

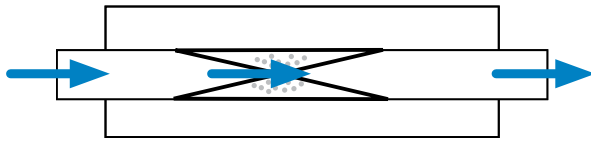
Sound quality is an additional noise characteristic that is important to the end user. An example of a sound quality concern is the sound of fingernails on a chalk board – this screeching sound makes people wince, yet the measured sound level would not be significant. A low throaty rumble may seem even quiet (and almost desirable) but may be amplified and become annoying if it reverberates within the operator's cabin.

Engine manufacturers generally expect a reduction in engine exhaust sound level of 15-25 dBA. The overall noise level of a vehicle or piece of stationary equipment is the actual regulated value. The overall noise level is typically measured while driving past a microphone at a specific speed and distance. Maximum noise levels in the U.S. are regulated by the U.S. EPA (Environmental Protection Agency).

Heavy-duty mufflers typically employ one of three sound reduction techniques including:

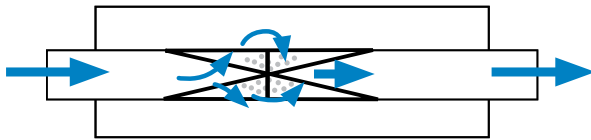
Reactive silencing

What's important: the ratio of the body diameter to the tube.



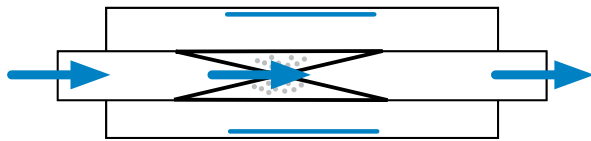
Resistive silencing

Exhaust flow is forced through a small area. It removes energy to reduce noise level.



Absorptive silencing

Transforms wave energy into thermal energy. Uses acoustic packing (or wrap) just inside the outer shell of the muffler.



Backpressure

A key performance factor in selecting the proper muffler is backpressure. For the most efficient engine performance it is important to apply a muffler that minimizes backpressure.

Backpressure is the force necessary to flow gasses through the Exhaust system, or the resistance to exhaust flow. System considerations include friction and momentum effects - expansion / contraction / elbows, and velocity head loss at outlet.

To minimize backpressure, long tube lengths, small tube diameters and sudden contractions should be avoided.

Backpressure can reduce horsepower and fuel economy. For example, turbocharged diesel engines loose about 0.5% in horsepower and fuel economy per inch Hg backpressure. To help you minimize backpressure, our selection guide provides exhaust flow ratings at 1", 2" and 3" Hg (mercury).

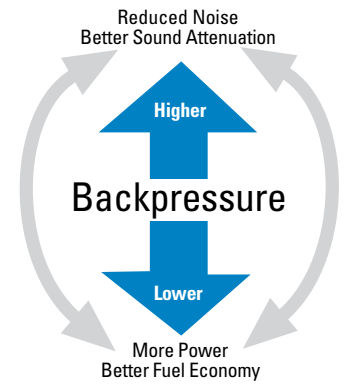
Conversion: 1.0" Hg = 13.6" H₂O

Our muffler spec'ing section outlines the steps you need to take for proper muffler selection.

Structural

Another performance factor is the structural durability of the system configuration. Position, mounting support, weight and the type of material that the unit is made from are the key sub-components of system structure.

For example, the original OE stanchion or chassis mounting components are adequate for a replacement muffler. If you apply a heavier muffler, like one with an emissions device inside, it's critical to upgrade the hangers, brackets and stanchion with more robust and heavier components. Most exhaust system problems encountered by Donaldson field service are due to improper bracketing and/or use of clamps – not the muffler or muffler construction.



Exhaust Product Materials

There are a number of materials found in diesel exhaust applications. Some of the materials are appropriate for heavy-duty applications and have the mechanical properties to provide good service life.

Since materials vary in strength, corrosion resistance, and price, a particular material may be preferred in individual applications and components. Some of the most common materials, their qualities and their typical uses are listed in the following table.

Materials*	Used in	Qualities
Aluminized Mild Steel	Mufflers	- Good Corrosion Resistance
	Exhaust Components	
Stainless Steel (with and without aluminized coating)	Flexible Tubing	- Stronger
	Mufflers	- Excellent Corrosion Resistance
	Exhaust Components	- Temperature Limit 1500°F
	Emissions Products	
Chrome	Accessories	- Bright Mirror Finish
Galvanized	Flexible Tubing	- Low Material Cost - Temperature Limit 600°F
Cold Rolled	Accessories	- Poor Corrosion Resistance - Low Cost

Aluminized steel is the preferred material for traditional diesel exhaust applications. Aluminized steel is a low carbon steel with a thin layer of aluminum alloyed to the surface. The aluminum provides a barrier for protection of the base material. Aluminized steel parts have an ultimate service temperature of 1500°F with a continuous duty temperature limit of 1000°F. This material closely matches the expected service temperatures of diesel engine applications and has excellent corrosion resistance to acidic diesel exhaust gases. Aluminized steel parts provide good field life at a reasonable cost. Paint adhesion issues could occur with aluminized steel parts if operating conditions produce continued surface temperatures that exceed 850°F.

Series 400 stainless steels are used for many extended service life diesel applications and often in gasoline applications due to their higher operating temperatures. This material family provides slightly better strength at exhaust system temperatures than aluminized steel.

Type 409 is the most common 400 series stainless steel used in exhaust applications. Type 409 is stronger

than aluminized but exhibits cosmetic problems at exhaust system temperature. At first exposure to high temperature it discolors. Over time it develops a nondestructive coating of surface rust. After an extended time in the field a 409 product will display external discoloration and look worse than a similar part made from aluminized steel, but will last much longer.

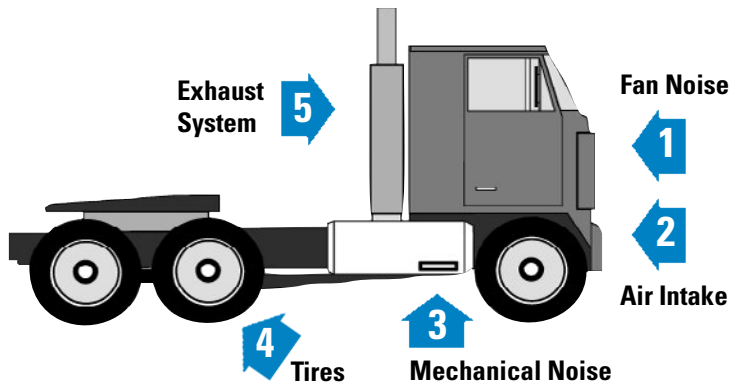
Another choice is 409 stainless steel with an aluminum coating. Aluminized 409 is used on diesel catalytic converter mufflers due to its excellent high temperature resistance and the corrosion protection of the aluminized coating. Aluminized 409 is found primarily on emission products or high temperature gasoline applications.

Series 300 stainless steels are also utilized in exhaust systems. The most common material is Type 304. This material has excellent corrosion resistance and very good high temperature strength and is used in some muffler applications where very high stresses occur. This is a premium material and is also used in many gasoline applications. The most prevalent use of the material in heavy-duty diesel applications is for flex pipe. Flex pipe produced from light gauge 304 stainless steel is an excellent choice considering all the factors of cost, durability and service life.

Often chrome plated cold rolled steel parts are found on exhaust system parts. This material is a reasonable choice for cosmetic applications where a bright mirror finish is desired. Corrosion from the inside of the product can still occur. Chrome parts may be very challenging to produce. It is important to produce the parts with a high level of quality because surface irregularities are very visible to the end user.

An alternate choice for chrome parts is bright annealed stainless steel. This material provides a bright mirror-like finish with excellent exhaust service life. Bright stainless steel is typically used for muffler heat shields and generally is an expensive material choice.

Five Major Sources of Noise in Trucks

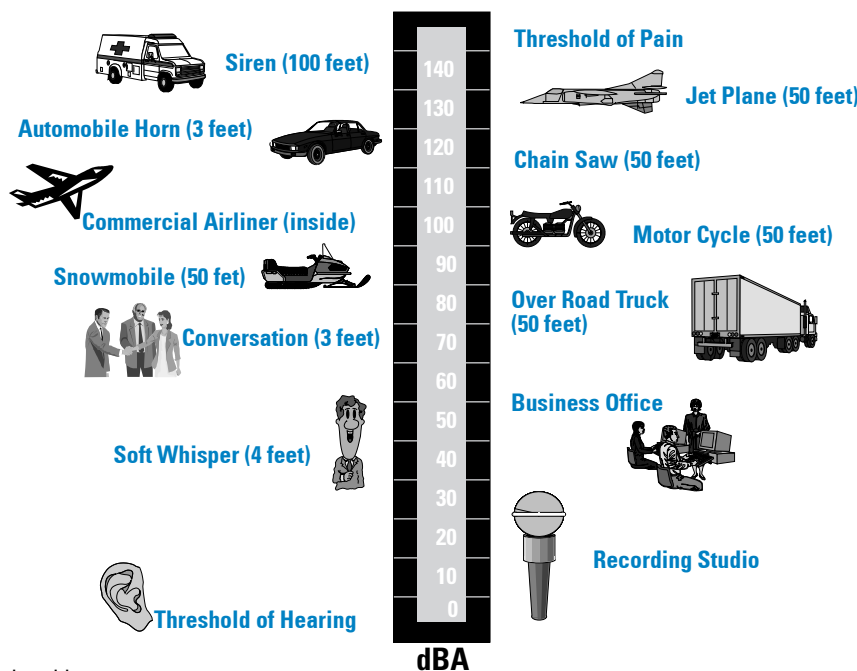


Easy Maintenance Tips Reduce Exhaust Noise

- 1 Check the exhaust tubing. Repair or replace worn or leaking components.
- 2 Make sure your exhaust system is properly supported.
- 3 Installing a resonator or wye connector muffler is an economical way to reduce noise.
- 4 Modify a single exhaust system to a dual.
- 5 Check stack and tailpipe position. A straight stack will be quieter than a curved stack on vertical exhaust systems. Turn your horizontal tailpipes toward the center of the road.

Familiar Sounds on the dBA Noise Scale

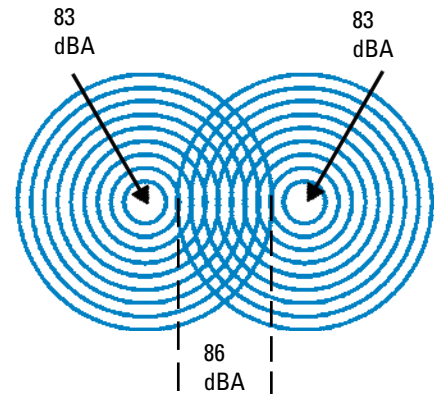
Other examples of sound levels: 70 dB Traffic jam; 90 dB Heavy machinery, 130 dB Jet engine at 10 meters.



Rules of Thumb

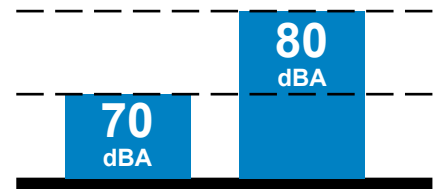
Combining Two Equal Noise Sources Increases Sounds Level by 3 dBA

Two equal noise sources combine to create a sound level 3 dBA greater than either source.



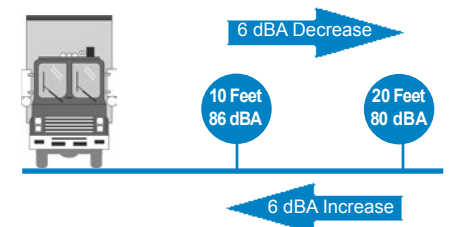
Twice the Loudness is a 10 dBA Increase

The increases are not linear! Increasing noise by 10 dB sounds twice as loud.



Sound Pressure Level Changes With Distance

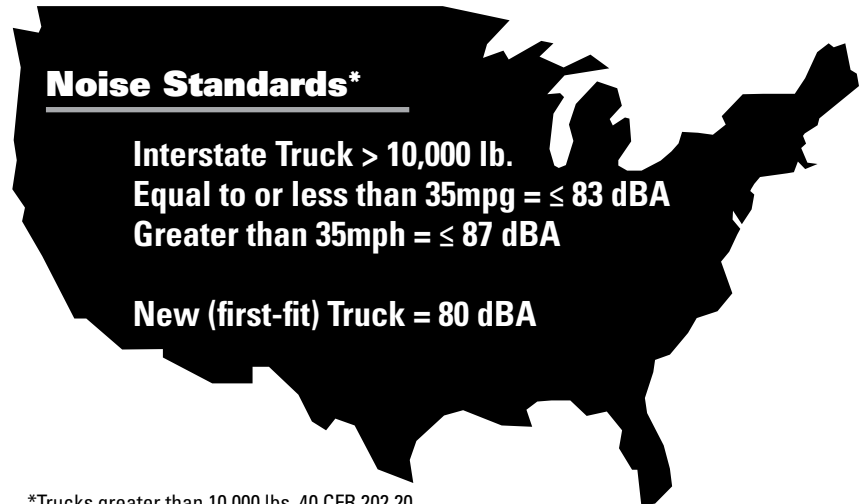
Doubling the distance to a noise source decreases its sound level by 6 dB. Halving the distance to a noise source increases its sound level by 6 dB.



U.S. EPA Truck Noise Regulations

www.epa.gov

In the past, the Environmental Protection Agency (EPA) coordinated all federal noise control activities through its Office of Noise Abatement and Control. However, in 1981, the Administration at that time concluded that noise issues were best handled at the State or local government level. As a result, the EPA phased out the office's funding in 1982 as part of a shift in federal noise control policy to transfer the primary responsibility of regulating noise to state and local governments. However, the Noise Control Act of 1972 and the Quiet Communities Act of 1978 were not rescinded by Congress and remain in effect today, although essentially unfunded.



*Trucks greater than 10,000 lbs. 40 CFR 202.20

** Noise is measured at 50 feet (15.2 m) from the centerline of the lane of travel

Interstate Motor Carrier Noise

The Federal Highway Administration's Office of Motor Carrier and Highway Safety Web site includes information on the Interstate Motor Carrier Noise Emission Compliance Regulations from the Code of Federal Regulations (49 CFR 325).

Subparts for compliance of the interstate motor carrier noise emission standards

http://www.fmcsa.dot.gov/rules-regulations/administration/fmcsr/fmcsrguidedetails.aspx?rule_toc=730§ion_toc=730

Part	Regulation
Subpart A	General Provisions
Subpart B	Administrative provisions
Subpart C	Instrumentation
Subpart D	Measurement of noise emissions; highway operations
Subpart E	Measurement of noise emissions; stationary test
Subpart F	Correction factors
Subpart G	Exhaust systems and tires

Emissions Devices & Acoustic Silencing

Various emissions reduction technologies are applied to exhaust systems to meet current emissions standards. The additional components can significantly change or eliminate the traditional acoustic silencing components common in older muffler designs. Depending on the application, emissions reduction devices may totally eliminate the need for further sound control and for others, minimal acoustic silencing may be required. The sound attenuation of emissions devices varies depending on the filtering substrates and configuration of the overall system.

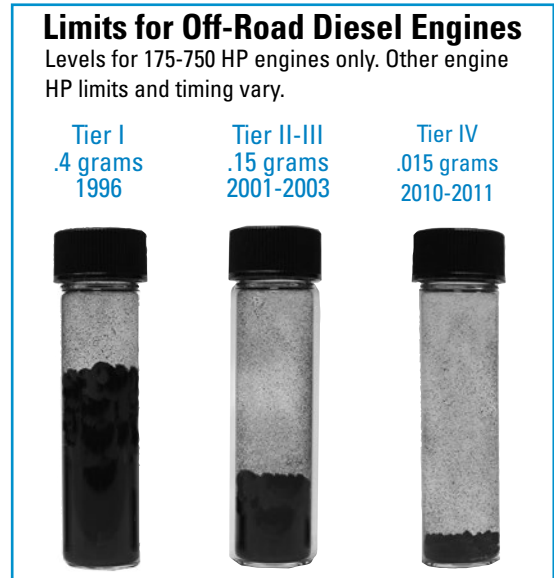
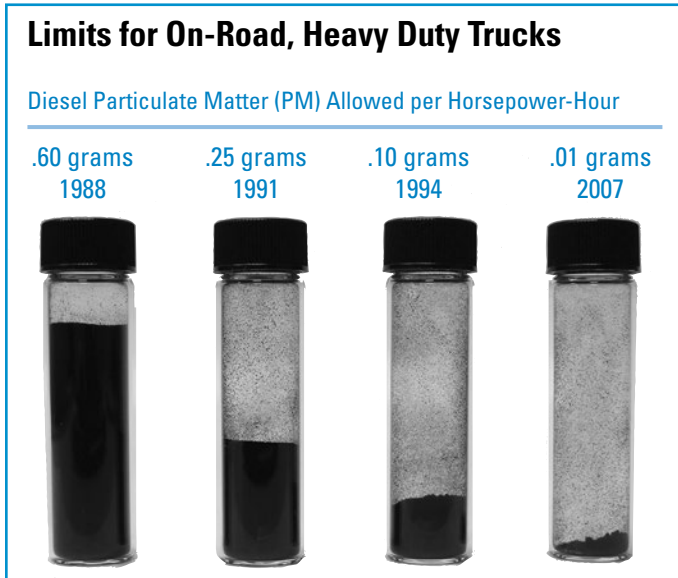


Typical emissions aftertreatment substrates (ceramic and metal)

Diesel Particulate Matter (PM) Allowed per Horsepower-Hour

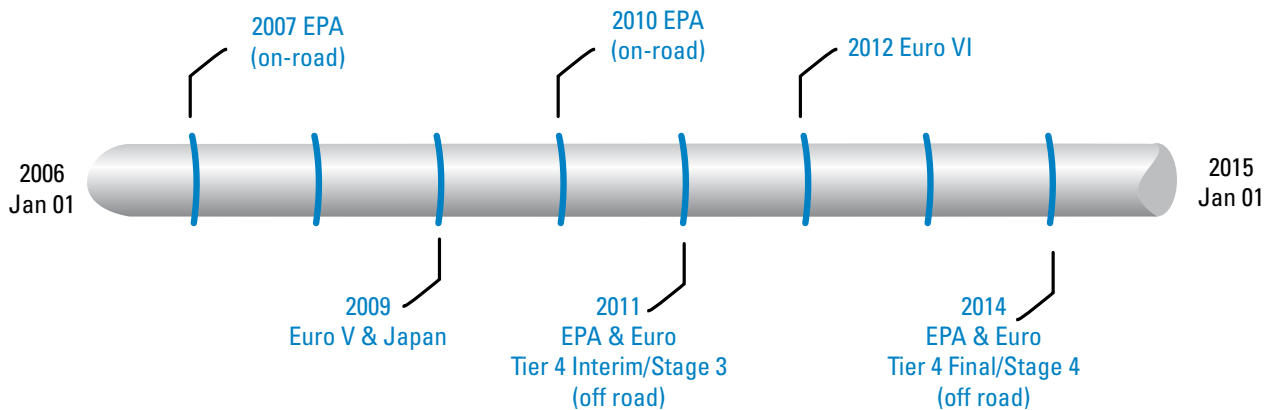
What does "Diesel PM per Horsepower-Hour" Mean?

A 200 horsepower (HP) engine could release as much as 200 times the amount shown in one vial during one hour of operation or a 300 HP engine could release as much as 300 times the amount shown in one vial during one hour of operation.

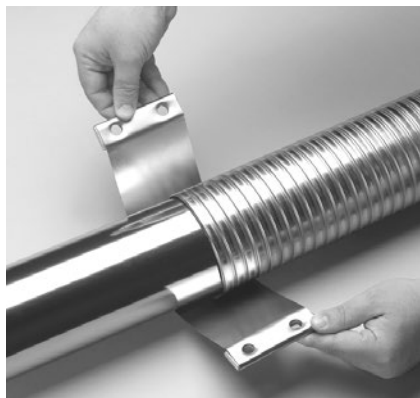


Soot vials are shown smaller than actual size (2-3/8" height).

Worldwide Emissions Mandates & Timing

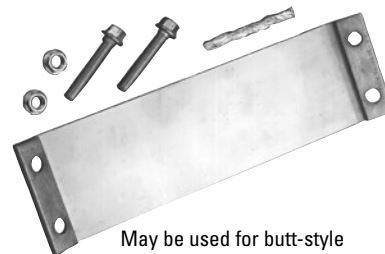


Flat Band SealClamp™ Installation Instructions



Step 1

Position 1/3 to 1/2 way onto the larger diameter tube or to completely cover slots.



May be used for butt-style joints in light duty applications



Step 2

Manually fold the clamp ends to approximately 90 degrees. Insert foil gasket in gap and insert bolts into holes.



Step 3

For all flat band seal clamps, tighten the bolt versus the nut and alternate between fasteners several times to uniformly take up the slack, beginning with the large diameter side of the connection. Tighten until the gasket is fully compressed and the mating bars' surfaces are fully touching. The grade 8 bolts and nuts are rated to 100 ft. lbs. of torque. For best results use an impact wrench.

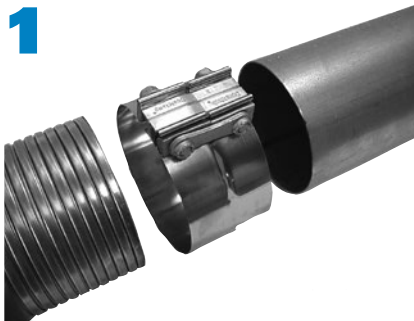
Important Application Notes

- Use either a 9/16 inch or 14mm hex wrench and socket
- Do not use for exhaust system mounting support
- Do not use for exhaust manifold or turbocharger connections
- Do not reuse the clamps

Stepped SealClamp™ Installation Instructions

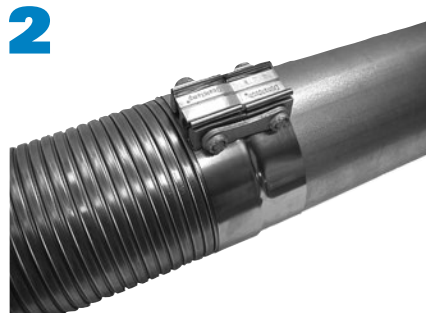


Stepped Preformed SealClamp is individually packaged with installation instructions



Unique design with fully assembled hardware!

1. Position the SealClamp over the smallest tube. Larger end of the clamp must be on the overlapping tube or flex.
2. Locate the step of the clamp to the overlapping tube at the joint.
3. Using the v-groove as a visual guide, alternately tighten bolts until the groove is approximately half closed (~50 ft. lbs). Do not exceed 70 ft. lbs. torque as clamp damage may occur.

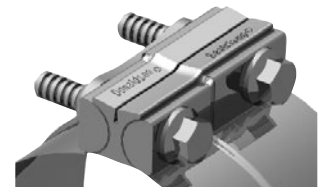


Diseño único para un ensamble completo!

1. Colocar el SealClamp sobre el tubo más pequeño. El diámetro mayor del SealClamp debe estar sobre el tubo rígido o flexible a sobrepasar.
2. Ubicar el escalón de la abrazadera en la unión del tubo sobrepuesto.
3. Usando la ranura como guía visual, apriete alternadamente los pernos hasta que la ranura esté aproximadamente a medio cerrar. No exceda 47,5 N(m (35 lbs-pie) de par de apriete por que puede producir daños en la abrazadera.



Before / Antes / Avant



After / Después / Après

Concepción única avec pièces entièrement assemblées!

1. Placer le collier sur le tuyau de diamètre inférieur. La portion la plus grande du collier doit se trouver sur le tuyau qui chevauche.
2. Positionner la partie étagée du collier sur la portion chevauchante du tuyau en l'alignant sur le joint.
3. En utilisant la rainure comme guide visuel, serrer alternativement les boulons, jusqu'à ce que la rainure soit à moitié fermée. Ne pas dépasser une force de torsion de 35 pied-livre, cela risquerait d'endommager le serre-joint.

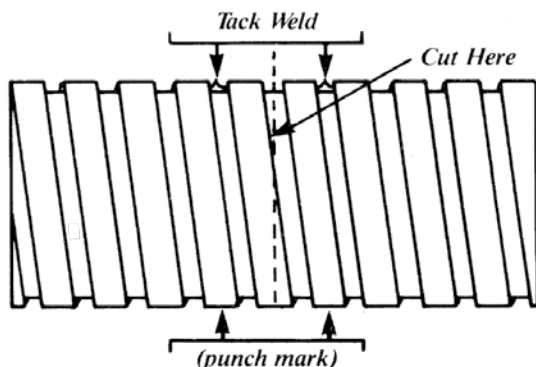
Flex Tubing: Cutting & Installation

Flexible tubing can twist or unravel when cut, causing its diameter to change and making installation difficult. This occurs because flexible tubing must maintain flexibility in order to function properly, and, therefore, cannot be tightly wound in the manufacturing process. However, flexible tubing can be managed for trouble-free installation by following these guidelines.

Cutting

Step 1- Prepare

Place a tack weld between convolutions on each side of the intended cut to keep ends from twisting or unraveling.



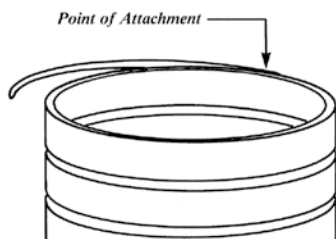
If a welder is not available, insert a mandrel or back-up pipe into the tubing and place a punch mark directly on convolutions on each side of the intended cut. Heavy-duty tape over a de-greased pair also works. Cut through tape and leave in place, clamp over tape.

Step 2 - Cut

Place the tubing securely in a vice. Cut with a metal cutting band saw or a hacksaw with 32 teeth per inch.

Step 3 - Trim

Each side of the cut will now have a spiral "tail" that must be removed to the point at which it is attached. Bend each tail until it breaks, or bend and use a cutting shears to remove.



Step 4 - Deburr

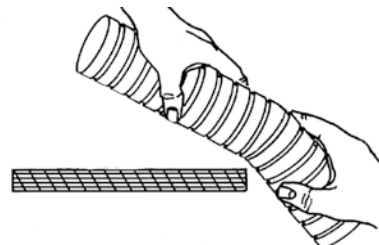
Deburr both cut surfaces with a hand-operated drum sander or file.



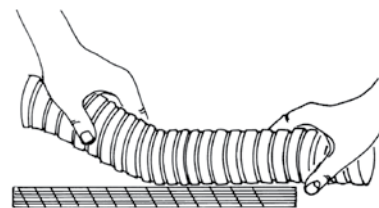
Installation

Flexible tubing's function is to prevent excessive stress on exhaust system components by absorbing vibration and thermal expansion that would otherwise cause system components to shake loose and break.

To provide adequate flexibility, flex tubing should be installed in a half extended state. To reach half extension, place the middle of the tubing over the edge of a work bench, push down on both halves and bend as much as possible.



Then place the entire piece of tubing on the work bench and push the end down until straightened. The tubing is now at half extension.



Note: Do not use flexible tubing to form an exhaust pipe bend. Use elbows instead.

Donaldson & Industry Acronyms

ATD	After Treatment Device
Bp.....	Backpressure
CARB	California Air Resources Board
CCM.....	Catalytic Converter Muffler
CCV	Crankcase Ventilation or Closed Crankcase Vent
CFM	Cubic Feet per Minute
CFS.....	Crankcase Filtration System
CO	Carbon Monoxide
dBA.....	Decibel, A scale (noise level)
DMF.....	Diesel Multi-stage Particulate Filter
DPF	Diesel Particulate Filter
EAT.....	Exhaust After Treatment
EDM.....	Emissions Device Monitor
EGR	Exhaust Gas Recirculation
EIEO	End In / End Out (muffler style)
EISO	End In / Side Out (muffler style)
EPA	Environmental Protection Agency
EPA Tier 4/IV.....	Off-road emissions standards
EPA07	U.S. EPA 2007 on-road regulation
EPA10	U.S. EPA 2010 on-road regulation
ERC	Emissions Resource Center
Euro Stage XX	European Emissions Reduction Regulations
FTP	Federal Test Procedure
HC	Hydrocarbon (unburned fuel)
HP	Horse Power
HTEF	High Temperature Exhaust Filter
ICC	Independent Catalytic Converter
ID.....	Inside Diameter
IOM.....	Installation Operation Manual
ISO	International Organization for Standardization
ISO/TS	ISO Technical Specification
LNF.....	Low NO ₂ Filter (muffler)
LXF.....	Low NO _x Filter (muffler)
LSD	Low Sulfur Diesel (fuel)
LTF.....	Low Temperature Filter (muffler)
NO _x	Nitrogen Oxides
OCV.....	Open Crankcase Ventilation
OD	Outside Diameter
PM	Particulate Matter
SC.....	Silicone Carbide
SCR	Selective Catalyst Reduction
SEF.....	Semi-active Electric Filter (muffler)
SIEO.....	Side In / End Out (muffler style)
SISO.....	Side In / Side Out (muffler style)
SRF.....	Standard Recirculation Filter
SS.....	Stainless Steel
ULSD.....	Ultra-Low Sulfur Diesel (fuel)
VOC.....	Volatile Organic Compound
VOF	Volatile Organic Fraction

Engine Brake & Exhaust Silencer



Designed to specifically address engine brake noise

- Addresses engine brake noise, silencing engine brake “bark”
- Reduces exhaust noise 66% versus a standard muffler

Silences engine brake “bark”

- Reduces driver fatigue
- Improves trucking industry image

All stainless steel construction available*

- Won’t rust out like conventional mufflers

Direct replacement

- Easy installation, can be applied on existing trucks

No increase in back pressure

- Silences without engine power loss
- Maintains fuel economy

*Models available in both stainless steel and aluminized steel



Terms & Definitions

Attenuation

In an exhaust system, attenuation refers to the reduction in sound level measured between an engine without a muffler and the same engine with a muffler.

Backpressure

Backpressure is the force necessary to flow exhaust gas through the system. Backpressure reduces horsepower and fuel economy - for turbocharged diesel engines - about 0.5% decrease in horsepower and fuel economy per inch Hg backpressure. Typically measured in inches of mercury (Hg) or inches of water (H₂O) - 1.0" Hg - 13.6" H₂O

CFM

Cubic feet per minute of airflow.

dBA

The sound level measured in decibels using a sound level meter weighted for the "A" scale frequency response. It has over 82% correlation with loudness as determined by the typical human ear (dB without the "A" scale weighting overall has only 70% correlation to loudness).

Decibel (dB)

A unit used to express the relative difference in acoustic power. Whenever dB is used a reference level is implied. The reference value of 0.0002 dynes/cm² = 0dB.

DPF Muffler

Diesel Particulate Filter (DPF) Muffler. This muffler design contains a particulate filter that requires Ultra Low Sulfur Diesel fuel. The filter eliminates a greater amount of particulate matter compared to a DOC Muffler, but has a higher activation temperature (260°C). Like a DOC, it also reduces emissions while reducing exhaust noise.

Dynamometer Test

A test that allows an engine to be run to full horsepower and rated RPM while remaining stationary.

Exhaust Noise Level

Sound level of the exhaust system, typically measured in dBA.

N/A

Naturally aspirated

Resonator

A device inserted in the exhaust system ahead of the muffler that provides additional exhaust noise silencing without adding significant backpressure.

Sound Level Meter

A sound level measuring device that includes a microphone, an amplifier, an output meter and sound frequency networks for measuring sound levels in decibels,

Total Vehicle Noise

The sum of exhaust noise level measurement plus fan, intake, mechanical and tire noise. Noise levels add logarithmically (equal noise levels combined add 3 dB; example 75 dB + 75 dB = 78 dB).

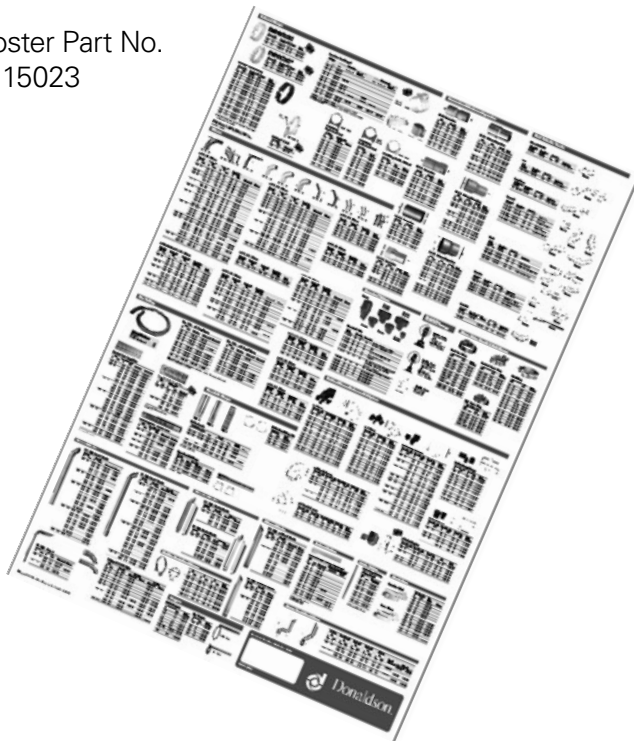
Free Exhaust Accessory Poster

For mechanics and parts counter personnel, this "door width" sized poster (25"x38" / 635 mm x 965 mm) is available from Donaldson or your local Donaldson distribution outlet.

This handy visual makes it easy for your customers to identify the replacement accessories they're looking to replace.

The parts information is updated annually so if you have an old version, consider updating.

Poster Part No.
F115023



Section Index

Donaldson offers an extensive line of accessories available in a variety of materials for both vertical and horizontal exhaust systems.

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Common Components Of Heavy Duty Exhaust Systems

Bent Tubes & Elbows

For directional changes of exhaust flow in exhaust systems. Available in common angles (90°, 67° and 45°) for both O.D. and I.D. tube connections.



Wye Connector

For joining legs of dual manifold outlet to form a single exhaust system. Wye connectors can provide an additional 3 to 7 dBA exhaust noise reduction over that of the primary muffler and may also be used to replace conventional wye pipe.



Resonator

Secondary noise reduction component that generally provides 2 to 3 dbA additional noise reduction.



Tubing (Straight or Flexible)

Straight or flexible tubing for connection to muffler or resonator. Purchased in standard lengths and cut to size if needed.

Muffler

The primary component in an exhaust system for engine noise reduction.

Exhaust Filter or Emissions Device

Traditional exhaust systems with mufflers are transitioning from noise reduction devices to emissions reduction devices to meet federal and state regulations. The primary component in the emissions device converts or captures exhaust emissions to reduce overall engine emissions. An emissions reduction device can be an add-on installed into the existing system or a retrofit muffler replacing the original muffler.



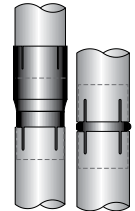
Hanger

Secures the muffler or pipe horizontally or vertically to chassis or side of cab.



Reducers, Connectors & Expanders

Shorter length tubes used for connecting two other exhaust pipes of different diameters or the same diameter.



Spark Arrestor

An exhaust system add-on used to capture sparks emitted from internal combustion engines through the exhaust system. All Donaldson models are U.S. Forest Service approved.



Splitter Tee Adapter

An adapter pipe with one inlet and two outlet tubes used to convert a single exhaust system to a dual exhaust system.



Stack or Tail Pipes

Vertically mounted outlet pipe; available in curved outlet or straight squared configuration.



Note: Super stacks also available that can offer an additional 2 to 3 dBA noise reduction with no backpressure penalty.

Stack Cap

Moisture protector used on vertically mounted mufflers or stack pipes.



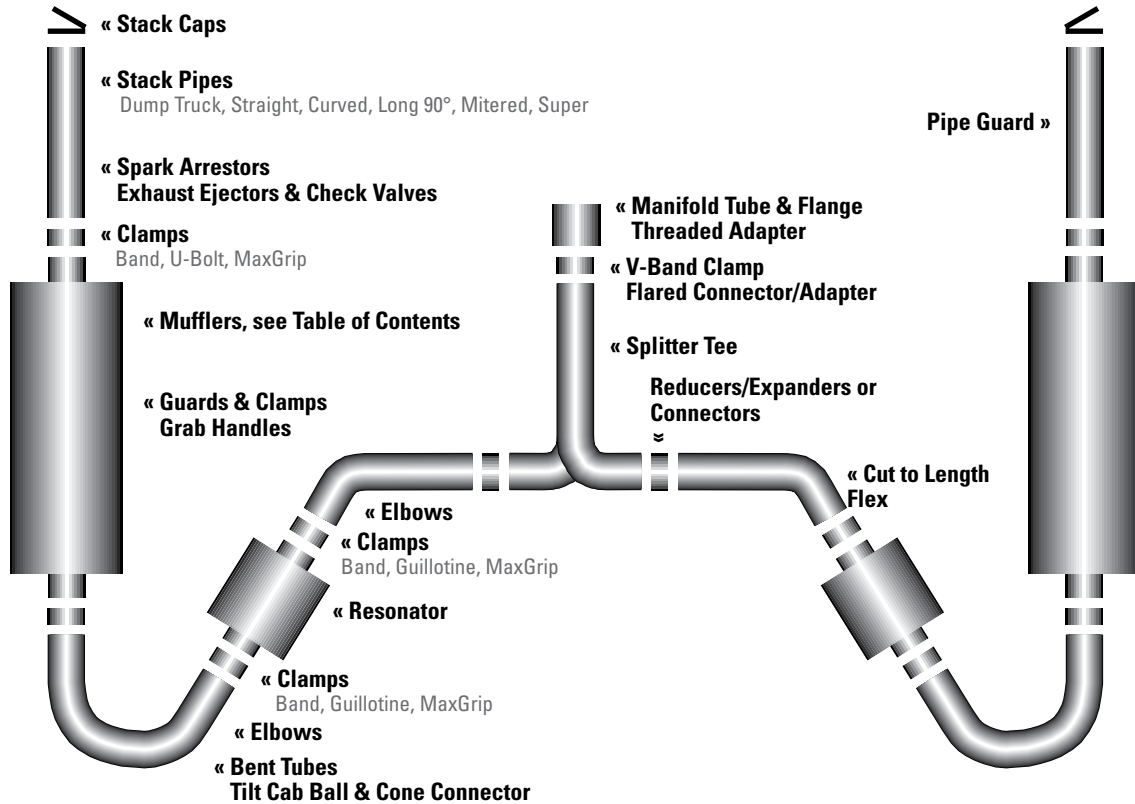
Clamps

Exhaust systems use a variety of exhaust clamps. Selecting the proper clamp for the job is critical to a strong, reliable joint connection. Common types include u-bolt, band clamps, bent bolt clamps and v-band clamps.

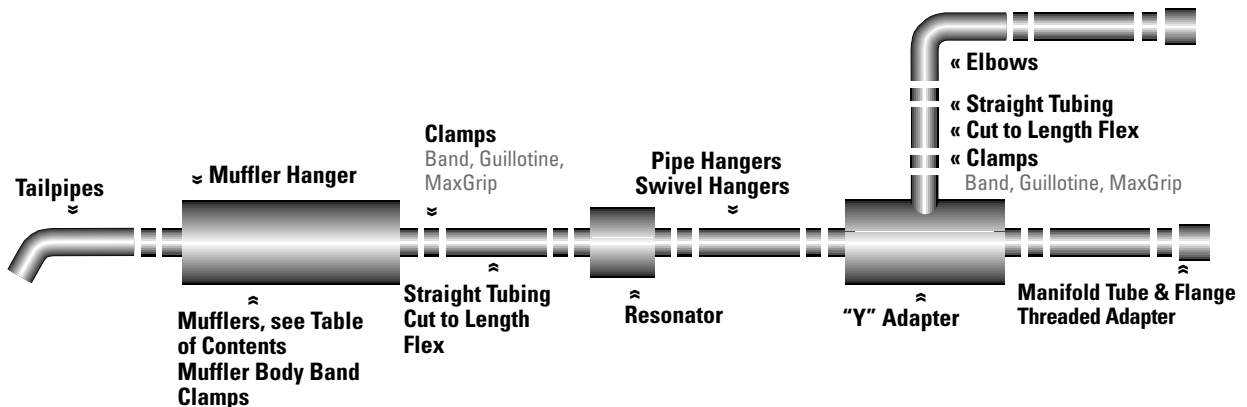


From the manifold to the exhaust stack, you'll find Donaldson can be the best source for your exhaust system accessories. The system diagrams below represent typical components found on exhaust systems.

Vertical System Components (cab or stanchion mounted)



Horizontal System Components (Chassis mounted)



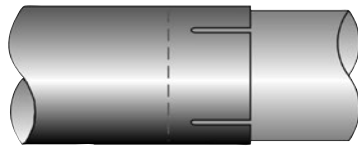
Exhaust Joint/Connections

Guide to Selecting the Best Clamp for the Exhaust Joint Connection

Type of Joint/Connection

Type of Clamp to Apply

(blue text = primary clamp recommendation)



Exhaust - tube to tube Standard OD

- MaxGrip™ Bent Bolt**
- Stepped SealClamp™ (Aluminized or Stainless)**
- Offset MaxGrip™ Bent Bolt
- SealClamp™ Flat Band (Aluminized or Stainless)
- Narrow Band (Aluminized)
- U-Bolt (any type, any material)

MaxGrip™ Bent Bolt



Offset MaxGrip™ Bent Bolt



Offset MaxGrip™ Bent Bolt (chevron design)



Flat Band SealClamp™



Stepped SealClamp™



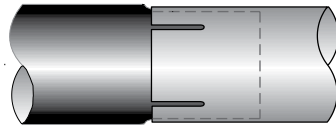
U-Bolt Single, Round Band



U-Bolt Double, Flat Band

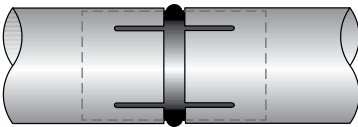


Narrow Band Accuseal®



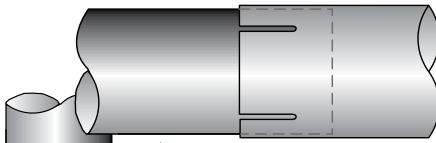
Slotted Tube to Shrunk OD

- MaxGrip™ Bent Bolt**
- SealClamp™ Flat Band (Aluminized or Stainless)
- Narrow Band (Aluminized)
- U-Bolt (any type, any material)



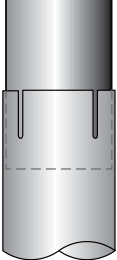
Slotted Tube to Slotted Tube (butt with internal connector)

- MaxGrip™ Bent Bolt (2 required per connection)**
- SealClamp™ Flat Band (Aluminized or Stainless)
- U-Bolt (any type, any material, 2 required per connection)



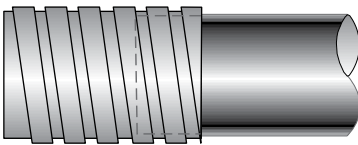
Horizontal Standard Tube to Slotted Tube (overlap)

- MaxGrip™ Bent Bolt**
- Stepped SealClamp™ (Aluminized or Stainless)**
- Offset MaxGrip™ Bent Bolt
- SealClamp™ Flat Band (Aluminized or Stainless)
- Narrow Band (Aluminized)
- U-Bolt (any type, any material)



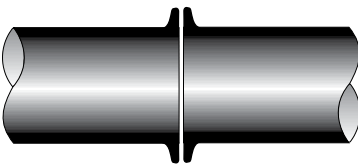
Vertical Standard Tube to Slotted Tube (overlap)

- MaxGrip™ Bent Bolt**
- Offset MaxGrip™ Bent Bolt**
- SealClamp™ Flat Band (Aluminized or Stainless)
- Stepped SealClamp™ (Aluminized or Stainless)
- U-Bolt (any type, any material)



Standard Tube to Flex Tube

- Stepped SealClamp™ (Aluminized or Stainless)**
- Offset MaxGrip™ Bent Bolt (with chevron)**



Flared, Lipped or Flange Connection

V-Band Clamps



Based on the type of exhaust joint, your choice of clamp to apply may be limited. But, when you're looking to purchase a clamp based on specific performance features, the information below may be helpful as you try to select the proper clamp for the application.

Clamp Performance Rankings (10 high - 1 low)

Holding Force

- 10 Offset MaxGrip™ Bent Bolt
- 10 V-band Clamp
- 8 MaxGrip™ Bent Bolt
- 7 U-bolt (any style or material)
- 5 SealClamp™ (any style or material)
- 3 Narrow Band (aluminized)

Ease of Assembly

- 9 MaxGrip Bent Bolt
- 9 Narrow Band (aluminized)
- 8 Offset MaxGrip Bent Bolt
- 8 Stepped SealClamp (aluminized or stainless)
- 6 U-bolt (any style or material)
- 5 V-band Clamp
- 3 SealClamp Flat Band (aluminized or stainless)

Sealing Properties

- 10 Stepped SealClamp (aluminized or stainless)
- 9 V-band Clamp
- 8 SealClamp Flat Band (aluminized or stainless)
- 6 MaxGrip Bent Bolt
- 6 Offset MaxGrip Bent Bolt
- 5 Narrow Band (aluminized)
- 3 U-bolt (any style or material)

Appearance

- 10 Stepped SealClamp (stainless)
- 10 V-band Clamp
- 9 Stepped SealClamp (aluminized)
- 7 Offset MaxGrip Bent Bolt
- 7 Narrow Band (aluminized)
- 7 SealClamp Flat Band (stainless)
- 6 SealClamp Flat Band (aluminized)
- 5 MaxGrip Bent Bolt
- 5 U-bolt (double, flat band, chrome)
- 4 U-bolt (double, flat band, zinc)
- 4 U-Bolt (single, round band, chrome)
- 2 U-Bolt (double, round band, steel)
- 1 U-Bolt (single, round band, steel)

Tube Deformation

- 10 V-band Clamp
- 9 Stepped SealClamp (aluminized or stainless)
- 8 Offset MaxGrip Bent Bolt
- 8 SealClamp Flat Band (aluminized or stainless)
- 7 MaxGrip Bent Bolt
- 7 Narrow Band (aluminized)
- 2 U-bolt (double, flat band, chrome or zinc)
- 2 U-Bolt (double, round band, steel)
- 1 U-Bolt (single, round band, chrome or steel)

Price

- 10 U-Bolt (single, round band, steel)
- 9 U-Bolt (double, round band, steel)
- 8 Narrow Band (aluminized)
- 8 SealClamp Flat Band (aluminized)
- 8 U-bolt (double, flat band, zinc)
- 7 MaxGrip Bent Bolt
- 7 Offset MaxGrip Bent Bolt
- 7 SealClamp (other than aluminized)
- 6 U-Bolt (single, round band, chrome)
- 3 U-bolt (double, flat band, chrome)
- 1 V-band Clamp

What Features Are Most Important to You?

- _____ Holding Force
- _____ Ease of Assembly
- _____ Sealing Properties
- _____ Tube Deformation
- _____ Appearance
- _____ Price

This same information about our clamp options is available in flyer F111237.

Offset MaxGrip™ Bent Bolt Clamp

Donaldson introduces a series of bent bolt clamps for use on exhaust systems. The clamps are manufactured in heavy-duty aluminized steel to minimize corrosion.

- Clamps are reusable
- Aluminized band, stainless steel welds, deburred strap edges and finished with a heat resistance silver paint
- Self positioning for easy installation
- Protected by patents, both issued and pending



Offset MaxGrip Bent Bolt

For Muffler to Stack Connections

Nominal I.D.	Functional I.D. Range	Part Number
in mm	inches mm	
4.00 102	4.04-4.21 103-107	M002164
5.00 127	5.04-5.21 128-132	M001865



Offset MaxGrip Bent Bolt

For Tube to Flex Connections

Nominal I.D.	Functional I.D. Range	Part Number
in mm	inches mm	
4.00 102	4.04-4.21 103-107	M002134
5.00 127	5.04-5.21 128-132	M002135

Chevron design

MaxGrip™ Bent Bolt Clamp

- More holding power than any other clamp tested
- Donaldson patented technology
- Clamps are reusable
- Aluminized band, stainless steel welds and deburred strap edges finished with heat resistant black paint
- Use these clamps on slotted, lapped tube connections and manifold connections
- Ideal for use on Donaldson "captured" slots for maximum sealing
- Coated bolts and threads
- Hardened flange nuts



MaxGrip Bent Bolt Clamp

Nominal I.D.	Functional I.D. Range	Part Number
in mm	inches mm	
1.75 44	1.79-1.96 45-50	M001866
2.00 51	2.04-2.21 52-56	M001867
2.50 64	2.54-2.71 65-69	M001756
3.00 76	3.04-3.21 77-82	M001702
3.50 89	3.54-3.71 90-94	M001502
3.75 95	3.73-3.90 95-99	M001593
3.88 99	3.89-4.06 99-103	M001432
4.00 102	4.04-4.21 103-107	M001503
4.25 108	4.21-4.38 107-111	M001566
4.50 114	4.54-4.71 115-120	M001703
5.00 127	5.04-5.21 128-132	M001668
5.25 133	5.21-5.38 132-137	M001504
6.00 152	6.04-6.21 153-158	M001505
6.25 159	6.21-6.38 158-162	M001799
6.75 171	6.83-7.00 173-178	M001506

Recommended installation torque for any style bent bolt clamp:

- For clamps 3" or less - 25 ft. lbs. (34N•M)
- For clamps 3" and larger, on tube to tube connections - 35 ft. lbs. (48N•M)
- For clamps 3" and larger, on tube to casting connections - 50 ft. lbs. (68N•M)

SealClamp™ – The Original Band Clamp

Preformed & Flat Styles

Used to seal muffler inlets, outlets, elbow joints, flex pipes, and other system connections. Also minimizes noise and exhaust gas leaks.

SealClamps are easy to install! There's no need to weld or disconnect your exhaust system.

When installed, the wide band conforms to the shape of straight or flex pipe, and seals without distorting the pipe.



Stepped Preformed SealClamp

Stepped Preformed SealClamp

- Full 360° clamping area
- No flex pipe pinching
- Available in stainless and aluminized

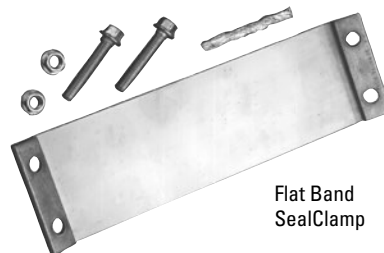
O.D. Pipe in	mm	Stainless	Aluminized
2.50	64	X007829	
3.00	76	X007830	X007833
3.50	89	X007831	X007834
4.00	102	X007784	X007824
5.00	127	X007785	X007805
6.00	152	X009076	

U.S. Patent Nos. 6,116,659; 6,634,607 B2; 6,796,004 B2



Stepped Preformed SealClamp is Individually packaged with installation instructions

- For overlapping I.D. to O.D. slotted joints and flex tube
- Flat band style may be used for butt-style joints in light duty applications
- Nuts and bolts fit both 9/16" and 14mm wrenches
- Reduces noise and exhaust leaks
- Installs easily – no disconnecting or welding necessary
- Available in aluminized and stainless steel
- Stainless models have improved corrosion resistance and high temperature strength compared to aluminized



Flat Band SealClamp

May be used for butt-style joints in light duty applications

Flat Band SealClamp

O.D. Pipe in	mm	Stainless	Aluminized
2.00	51	X004536	
2.25	57	X004537	
2.50	64	X004476	
2.75	70	X004538	
3.00	76	X004478	
3.50	89	X004480	X006204
4.00	102	X004482	X006203
4.50	114	X004962	
5.00	127	X004484	X006202
6.00	152	X004539	

Installation instructions and torque recommendations: are available in the Shoptalk section, pages 16-17.



Donaldson Flat Band SealClamps are Individually packaged. Loose parts inside the shrink wrapped package.

Torcite®



Torcite® Lap Joint

O.D. Pipe in	mm	Aluminized	Donaldson SealClamp ¹	Stainless	Donaldson SealClamp ²	Polished Stainless
2.00	51			J190056		
2.25	57			J190057		
2.50	64			J190058	X007829	
2.75	70			J190059		
3.00	76	J009604	X007833	J190060	X007830	
3.50	89	J009605	X007834	J190061	X007831	
4.00	102	J009606	X007824	J009623	X007784	P222740
4.50	114	J190054		J190062		
5.00	127	J009607	X007805	J009624	X007785	P222741
6.00	152	J190055		J190063	X009076	P222742

1 - Equivalent Donaldson Aluminized Steel Stepped Preformed SealClamp™
 2 - Equivalent Donaldson Stainless Steel Stepped Preformed SealClamp™

Standard U-Bolt Clamps



- Single, round band
- Cold rolled steel or Chrome
- 3/8-16" UNC-2A

O.D. Pipe in	mm	Steel	Chrome
2.00	51	P206403	
2.25	57	P206404	
2.50	64	P206405	
2.75	70	P206406	
3.00	76	P206407	
3.25	83	P206408	
3.50	89	P206409	
4.00	102	P206410	J009486
5.00	127	P206411	J009487
6.00	152	P207667	



- Double, round band
- 3/8-16" UNC-2A

Accuseal®



O.D. Pipe in	mm	Aluminized	304 Stainless
2.00	51	J000204	
2.25	57	J000205	
2.50	64	J000206	
2.75	70	J000207	
3.00	76	J000200	P238111
3.50	89	J000201	
4.00	102	J000202	P238112
4.50	114	J000208	
5.00	127	J000203	P238113
6.00	152	J000209	

Easyseal®



May be used for lap and butt-style joints

O.D. Pipe in	mm	304 Bright Stainless	Donaldson SealClamp ¹
2.00	51	J000210	X004536
2.25	57	J000212	X004537
2.50	64	J000211	X004476
2.75	70	J000213	X004538
3.00	76	J000214	X004478
3.50	89	J000215	X004480
4.00	102	J000216	X004482
4.50	114	J000219	X004962
5.00	127	J000217	X004484
6.00	152	J000218	X004539

1 - Equivalent Donaldson Stainless Steel Flat Band SealClamp™

O.D. Pipe in	mm	Steel
2.00	51	J000220
2.25	57	J000222
2.50	64	J000221
2.75	70	J000224
3.00	76	J000227
3.50	89	J000228
4.00	102	J000230
4.50	114	J000231
5.00	127	J000232
6.00	152	J000233



- Double, flat band
- 3/8-16" UNC-2A

O.D. Pipe in	mm	Zinc	Chrome
3.00	76	P206600	P206608
3.50	89	P206601	P206609
4.00	102	P206602	P206610
5.00	127	P206603	P206611
6.00	152	P207596	P207598

Torcite®, Accuseal® and Easyseal® are a registered trademarks of Torca Co.

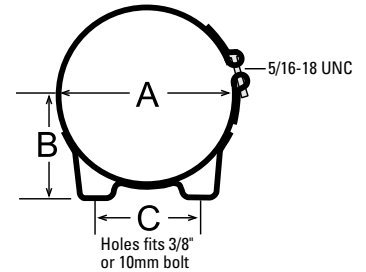
Muffler Body Band Clamps for Traditional Mufflers



- Aluminized mild steel with high temperature black finish (matches finish on off-road mufflers)
- Band width 1.25" (32mm)
- Intended for traditional mufflers only. For emissions product needs, see Heavy-Duty Muffler Body Bands

Muffler Body Band Clamps

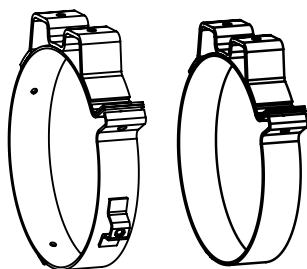
--- A ---		--- B ---		--- C ---		Part Number
in	mm	in	mm	in	mm	
6.00	152	3.75	95	3.75	95	M002117
6.62	168	4.00	102	4.00	102	M002118
8.50	216	5.00	127	5.00	127	M002119
9.00	229	5.50	140	5.50	140	M002120
10.08	256	6.00	152	6.00	152	M002121
11.06	281	6.50	165	6.50	165	M002122
11.84	301	7.00	178	7.00	178	M002123



Heavy-Duty Muffler Body Band Clamps

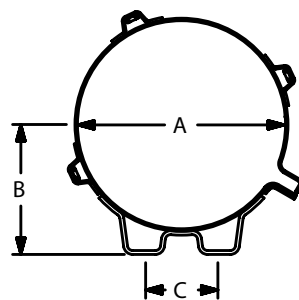
Clamp Notes:

- Pinch bolts are not included
- Most use 3/8-1-1/2" long grade 5 or 8 grade bolts
- Band width 2.00" (unless noted)
- Reuse existing frame mounting bolts
- Materials is zinc-plated mild steel.



P227803

P230281
No heat shield
stand off



W-Foot Body Bands

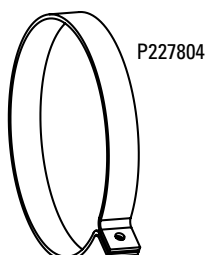
- Use for vertical or horizontal mounting
- Bolts not included

For Heat Shield Applications

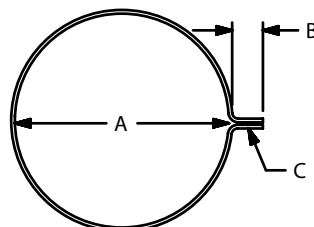
--- A ---		--- B ---		--- C ---		Part Number
in	mm	in	mm	in	mm	
10.00	254	6.28	160	3.5	89	P227803
11.00	269	6.50	165	6.5	165	P229513
13.00	330	7.50	191	6.5	165	P230283

No Heat Shield Applications

--- A ---		--- B ---		--- C ---		Part Number
in	mm	in	mm	in	mm	
10.00	254	6.28	160	3.50	89	P230282
11.00	269	6.50	165	6.50	165	P230281
13.00	330	7.50	191	6.50	165	P230045



P227804



Band width 1.5" (38mm)

Muffler Body Bands for Schools Buses

--- A ---		--- B ---		--- C ---		Part Number
in	mm	in	mm	in	mm	
10.00	256	1.75	44	0.40	10	P228241 ¹
11.00	279	1.75	44	0.40	10	P227804 ²

- 1 - Bluebird conventional bus with Cat Engine Works
- 2 - Bluebird rear engine bus

Heat Sleeves & Heat Wrap Flex Tubing

ACCESSORIES

Heat Sleeves

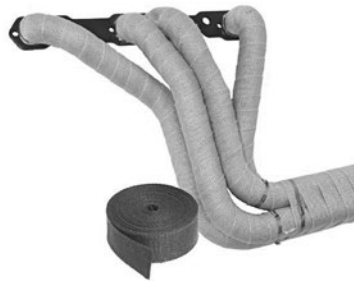
Slips onto 3" to 5" dia. pipe



Length	Part Number
12"	P235764
18"	P235765
24"	P235766

Heat Wrap

2" wide roll, easy to install on any pipe



Length	Part Number
2"X50' (600") Roll	P235767

Sleeve & Wrap Clamps

Wrap clamps make installation easy!
No tools needed.



Length	Part Number
2 PC of 18" Long Clamp	P235768
12 PC of 18" Long Clamp	P235769

Heat sleeves or heat wrap could reduce the outside temperature of a bare pipe by up to 300°F to 400°F.

Flex Tubing

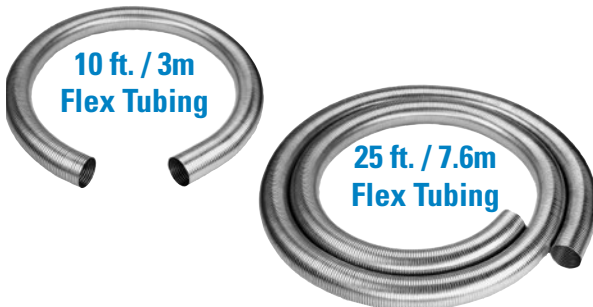
- Flex tubing (and cut lengths) should be installed in a half extended state. Donaldson flex tubing ships in the half extended state.
- Material thickness for stainless and galvanized is 0.015"

Flex Tubing

--- I.D. --- in	--- mm	10 ft. (3 m) Lengths		25 ft. (7.6 m) Lengths ¹	
		Stainless	Galvanized	Stainless	Galvanized
2.00	51	P226151	P226148		
2.50	64	P226152	P226149		
3.00	76	P226144	P226140	P226132	P226129
3.50	89	P226145	P226141	P226133	P226154
4.00	102	P226146	P226142	P226156 ²	P226155 ²
5.00	127	P226147	P226143	P226158 ²	P226157 ²
6.00	152	P226153 ¹	P226150 ¹		

¹ - Size exceeds shipping limits by North American small package carriers. This item must ship by truck.

² - Shipped on pallet, product is not boxed.



Cutting and installation instructions for Flex Tubing:
are available in the Shoptalk section, page 18.

Standard Cut to Length Flex



- Deburred ends
- Sized by flex I.D.
- Stainless and galvanized material thickness - 0.015"
- Measured fully extended



Close-up of deburred edge

Standard Cut to Length Flex

--- I.D. ---		Overall Length		Stainless	Galvanized
in	mm	in	mm		
3.00	76	12.00	305	J240003	
		18.00	457	P206552	
		24.00	610	J240004	
3.50	89	12.00	305	J240005	
		18.00	457	P206553	
		24.00	610	J024850	
4.00	102	12.00	305	J240006	P224479
		18.00	457	P206554	J024754
		24.00	610	J024836	J024835
		36.00	914	J034673	J034743
		5.00	127	12.00	305	J240007	P224481
5.00	127	18.00	457	P206555	J024755
		24.00	610	J024838	J024837
		36.00	914	J034674	J034744
6.00	152	18.00	457	P206556	
		30.00	762	P206559	

Flex Cut Lengths with Finished Ends



- Flex tubing (and cut lengths) should be installed in a half extended state. Donaldson flex tubing ships in the half extended state.
- One end O.D., one end I.D. slotted
- Sized by flex I.D.
- Overall length includes finished ends
- Welded tube ends

Cut-to-Length Flex - Finished Ends

--- I.D. ---		Overall Length		Galvanized
in	mm	in	mm	
3.00	76	18.00	457	P206544
4.00	102	18.00	457	P206546
5.00	127	18.00	457	P206547

Long-Life Cut to Length Flex



- Improved flexibility
- Consistent product quality—optimized material choice/consistency
- Heavier gauge stainless material over standard flex (0.018" gauge)
- Up to 8 times longer life than conventional flex
- Less leakage and lower emissions during truck start up
- Simplified installation—installation strip and flow direction
- Ends square cut and deburred
- Installation length indicator
- 12 month/120,000 mile/200,000 km warranty (on-highway vehicles only)

Donaldson patented technology

Long-Life Flex

--- I.D. ---		Mid Length ¹		Stainless
in	mm	in	mm	
4.00	102	12.00	305	P224412
		15.00	381	P224415
		18.00	457	P224418
5.00	127	21.00	533	P224421
		15.00	381	P224515
		18.00	457	P224518
		21.00	533	P224521

¹ - Length measured in half compressed state

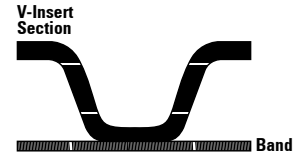
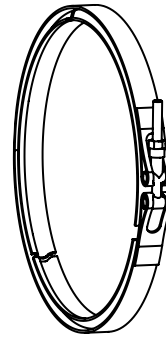
Recommended clamps:
Preformed SealClamp or Offset MaxGrip Bent Bolt

V-Band Clamps

V-Band Clamps for Large Diameter Mufflers



- The unique design reduces service time creates a reliable, leak-free seal between components
- Piloted v-insert section, facilitates reassembly and alignment for clamping



- Body Dia. - in	mm	Part Number
10.0	254	P227750
11.0	279	P212925
13.0	330	P229851
14.0	356	P235305

V-Band Clamps for Pipes and Turbo Housing Flanges

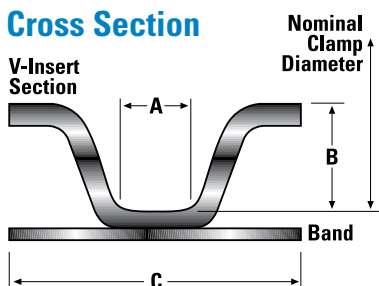


- Used to connect vehicle exhaust pipe flange to turbo or engine manifold
- May also hold the turbo housing flanges
- Built to withstand high temperatures produced by heavy-duty engines/turbos
- Manufactured to the highest tolerances and meet or exceed OEM specifications for material and quality standards

Cat	Part Number	Nominal Diameter		V-Insert Sections					
		in	mm	--- A ---		--- B ---		--- C ---	
		in	mm	in	mm	in	mm	in	mm
3406, 3406B, 3176	P206607	5.88	149	0.40	10	0.28	7	0.88	22
3176T	P222018	4.75	121	0.40	10	0.28	7	0.88	22

Cummins	Part Number	Nominal Diameter		V-Insert Sections					
		in	mm	-- A --		-- B --		-- C --	
		in	mm	in	mm	in	mm	in	mm
B Series, #3903652	J009618	3.21	82	0.26	7	0.14	4	0.75	19
C Series	P222017	4.13	105	0.26	7	0.14	4	0.75	19
L10, M11	P222018	4.75	121	0.40	10	0.28	7	0.88	22
V555, V902, V903	J009612	3.88	99	0.40	10	0.28	7	0.88	22

Detroit Diesel	Part Number	Nominal Diameter		V-Insert Sections					
		in	mm	-- A --		-- B --		-- C --	
		in	mm	in	mm	in	mm	in	mm
6-71T, 12V71, 8.2N, 8.2T	P206606	4.81	122	0.21	5	0.28	7	0.88	22
6V53, 6V71, 6V92, 8V92	P206604	3.82	97	0.21	5	0.28	7	0.88	22
8.2 N, #2069773	J009611	4.06	103	0.24	6	0.28	7	0.88	22
8V71T	P213191	5.81	148	0.21	5	0.28	7	0.88	22
8V71T, 16V-71, 16V92T, 6V92, 8V92	P210110	5.25	133	0.21	7	0.14	4	0.75	19
8V92, 8V71, 4-53, 6-71	P206605	4.5	114	0.21	5	0.28	7	0.88	22
Series 60	P206607	5.88	149	0.40	10	0.28	7	0.88	22

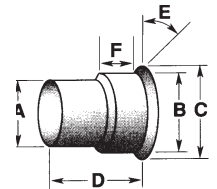


IH	Part Number	Nominal Diameter		V-Insert Sections					
		in	mm	-- A --		-- B --		-- C --	
		in	mm	in	mm	in	mm	in	mm
DT466	J009613	4.33	110	0.21	5	0.28	7	0.88	22

Mack	Part Number	Nominal Diameter		V-Insert Sections					
		in	mm	-- A --		-- B --		-- C --	
		in	mm	in	mm	in	mm	in	mm
48RU2341, 4ME21409	J009614	4.61	117	0.16	4	0.28	7	0.75	19

Flared Connectors - All 16 ga. Aluminized Steel

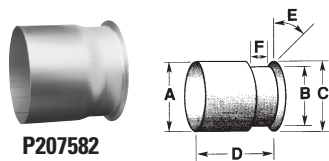
O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	-- F -- in (mm)	Flared Connector	V-Band Clamp	Application
3.00 (76)	3.02 (77)	3.62 (92)	4.00 (102)	22°	0.75 (19)	P207619	P206604	DD 6V 71
3.50 (89)	3.63 (92)	4.25 (108)	4.00 (102)	22°	0.75 (19)	P207581	P206605	8V-71-VT-555
4.00 (102)	4.02 (102)	4.75 (121)	4.00 (102)	22°	0.75 (19)	P207620	P206606	6 71-12V 71



O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	-- F -- in (mm)	Flared Connector	V-Band Clamp
3.50 (89)	3.52 (89)	4.19 (106)	4.75 (121)	45°	2.12 (54)	P207568	P206605
4.00 (102)	4.02 (102)	4.70 (119)	4.75 (121)	45°	2.50 (64)	P207567	P206606
5.00 (127)	5.02 (128)	5.70 (145)	4.75 (121)	45°	3.00 (76)	P207566	P206607

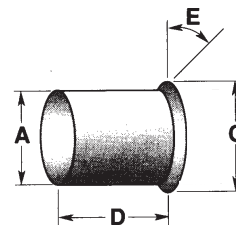


P207568, P207567, or P207566



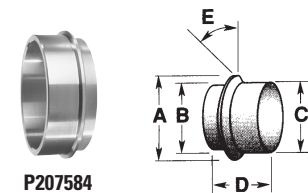
O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	-- F -- in (mm)	Flared Connector	V-Band Clamp	Application
4.00 (102)	3.63 (92)	4.25 (108)	3.81 (97)	22°	0.75 (19)	P207582	P206605	8V 71

O.D. -- A -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	Flared Connector	V-Band Clamp
3.12 (79)	3.75 (95)	1.50 (38)	20°	P206612	P206604
3.00 (96)	3.92 (100)	2.25 (57)	20°	J009479	J009611
3.75 (95)	4.19 (106)	1.50 (38)	20°	P206613	
3.50 (89)	4.29 (109)	1.50 (38)	20°	J009391	P206605
4.12 (105)	4.75 (121)	1.50 (38)	22°	P206614	P206606
5.00 (127)	5.50 (140)	5.25 (133)	45°	J009393	
	5.69 (145)	3.00 (76)	20°	P206615	P206607
	5.86 (149)	5.00 (127)	20°	J009629 ¹	



J009629
Adapter with
Pyrometer Fitting
(1/4" NPT)

1 - Adapter has pyrometer fitting



Flared Connector

O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	E	Flared Connector	V-Band Clamp	Application
5.01 (127)	4.25 (108)	4.80 (122)	1.94 (49)	20°	P207584	P210110	Air Research Turbo

Marmon Flange & Flare Connectors



Marmon Flare
P235792
P235793

V-Band Clamp
P222018
P206607

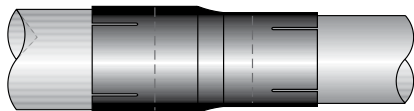
Marmon Flange
P235796
P235797

Join parts together for leakproof and serviceable connections with a V-Band Clamp. All components made from 304 Stainless Steel.

	O.D. -- A -- in (mm)	I.D. -- B -- in (mm)	O.D. -- C -- in (mm)	-- D -- in (mm)	Part No.	V-Band Clamp
Marmon Flare	4.00 (102)	—	4.63 (118)	3.00 (76)	P235792	P222018
	5.00 (127)	—	5.63 (143)	3.00 (76)	P235793	P206607
Marmon Flange	4.72 (120)	3.80 (97)	4.00 (102)	3.00 (76)	P235796	P222018
	5.72 (145)	4.80 (122)	5.00 (127)	3.00 (76)	P235797	P206607

I.D. - I.D.

Reduces O.D. pipe of different sizes.
16 gauge aluminized steel.



-- I.D. -- in mm	-- I.D. -- in mm	Length in mm	Part Number
2.50 64	2.00 51	6.00 152	P207382
2.75 70	2.50 64	6.00 152	P207385
3.00 76	2.50 64	6.00 152	P206313
	2.75 70	6.00 152	P207386
3.50 89	3.00 76	6.00 152	P206314
4.00 102	3.00 76	6.00 152	P206315
	3.50 89	8.00 203	P206316
5.00 127	4.00 102	6.00 152	P206317
6.00 152	5.00 127	8.00 203	P206318



I.D. - O.D.

Reduces larger O.D. pipe to smaller I.D. pipe. Also used as muffler bushing or manifold outlet. 16 gauge aluminized steel.



-- I.D. -- in mm	-- O.D. -- in mm	Length in mm	Part Number
2.50 64	2.00 51	6.00 152	P207397
3.00 76	2.50 64	6.00 152	P206319
	2.75 70	6.00 152	P207401
3.50 89	3.00 76	6.00 152	P206320
4.00 102	3.00 76	6.00 152	P206321
	3.50 89	6.00 152	P206322
4.50 114	4.00 102	6.00 152	J190046
5.00 127	4.00 102	6.00 152	P206323
6.00 152	5.00 127	6.00 152	P207402



O.D. - I.D.

Reduces larger I.D. pipe to smaller O.D. pipe. 16 gauge aluminized steel.



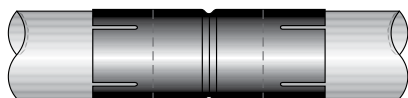
-- O.D. -- in mm	-- I.D. -- in mm	Length in mm	Part Number
2.50 64	2.00 51	6.00 152	P207389
2.50 64	2.25 57	4.00 102	J008942
3.00 76	2.50 64	6.00 152	P206324
3.50 89	3.00 76	6.00 152	P206325
4.00 102	3.00 76	6.00 152	P206326
	3.50 89	6.00 152	P206327
4.50 114	4.00 102	6.00 152	J190041
5.00 127	4.00 102	6.00 152	P206328
6.00 152	5.00 127	6.00 152	P207394



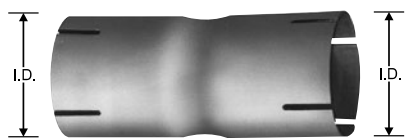
Connectors

I.D. - I.D.

Connects O.D. pipes of the same size.
16 gauge aluminized steel.

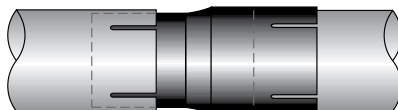


--- I.D. --- in mm	-- Length -- in mm	Part Number
2.00 51	6.00 152	P207405
2.50 64	6.00 152	P206371
3.00 76	6.00 152	P206372
3.50 89	6.00 152	P206373
4.00 102	6.00 152	P206374
5.00 127	6.00 152	P206375
6.00 152	6.00 152	P207408



I.D. - O.D.

Connects O.D. and I.D. pipes of the same size. 16 gauge aluminized steel.



I.D.-O.D. in mm	-- Length -- in mm	Part Number
2.00 51	6.00 152	P207411
2.50 64	6.00 152	P206366
2.75 70	6.00 152	P207413
3.00 76	6.00 152	P206367
3.50 89	6.00 152	P206368
4.00 102	8.00 203	P206369
5.00 127	8.00 203	P206370
6.00 152	6.00 152	P207414

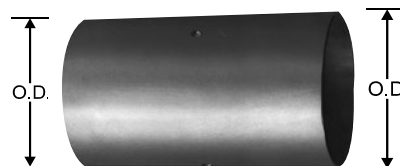


O.D. - O.D.

Connects I.D. pipes of the same size.
Also used on manifold outlet. Connector has tube stop. 16 gauge aluminized steel.

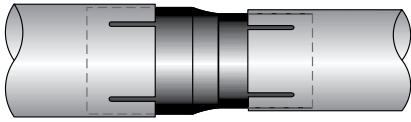


O.D.-O.D. in mm	-- Length -- in mm	Part Number
2.50 64	6.00 152	P206361
3.00 76	6.00 152	P206362
3.50 89	6.00 152	P206363
4.00 102	8.00 203	P206364
5.00 127	8.00 203	P206365



O.D. - O.D.

Reduces I.D. pipe of different sizes.
16 gauge aluminized steel.

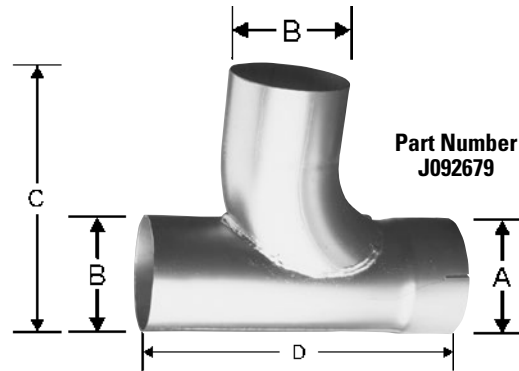


-- O.D. -- in	-- O.D. -- mm	-- O.D. -- in	-- O.D. -- mm	Length in	Part Number
3.00	76	2.50	64	6.00	J190042
3.50	89	3.00	76	6.00	J190044
4.00	102	3.00	76	6.00	J009648
		3.50	89	6.00	J190045
5.00	127	4.00	102	8.00	J009649
6.00	152	5.00	127	8.00	J009650



Standard "Y" Adapter Pipe

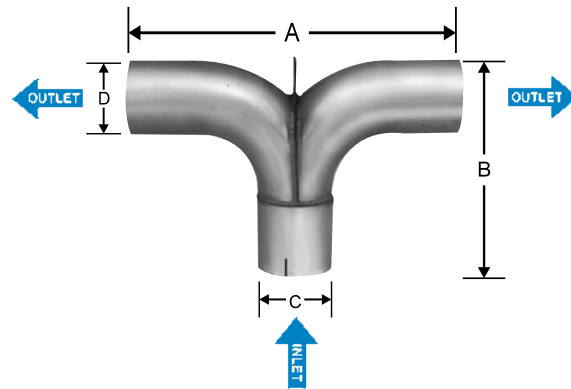
- 16 gauge aluminized steel construction



- A (I.D.) - in	- A (I.D.) - mm	- B (O.D.) - in	- B (O.D.) - mm	----- C ----- in	----- C ----- mm	----- D ----- in	----- D ----- mm	Part Number
4.00	102	4.00	102	10.82	275	15.75	400	J092679
5.00	127	5.00	127	10.50	267	16.00	381	J092689

Splitter Tee Adapter

- Converts single exhaust pipe to dual exhaust system
- 16 gauge aluminized steel



(A) in	(A) mm	(B) in	(B) mm	Truck ID (C) in	Truck ID (C) mm	Leg OD (D) in	Leg OD (D) mm	Part Number
17.50	445	12.00	305	4.00	102	4.00	102	P206297
26.00	660	14.00	356	5.00	127	5.00	127	P206298

Band width 1.5" (38mm)

Tilt Cab Ball & Cone Connectors

- 16 gauge aluminized steel construction



Ball Connector
P205976 - 4" Pipe I.D.
P206300 - 5" Pipe I.D.



Cone Connector
P205979 - 4" Pipe O.D.
P206299 - 5" Pipe O.D.

Stack Caps

The exhaust stack cap is designed to be mounted on top of a vertical straight exhaust stack pipe and prevents water and debris from entering the stack. The stack cap is not water-tight during pressure washes or under strong wind conditions. Use zinc plated or chrome stack caps where exhaust gas temperatures are less than 900°F/482°C. For exhaust gas temperatures above 900°F/482°C, use 304 stainless steel stack caps.

For proper installation, the exhaust cap needs clearance for counterweight rotation and should be installed at a point that allows for this without interference.

The exhaust cap should be placed on the outer diameter of the stack pipe. Allow approximately ¼" of clearance between cap and top of stack.

O.D. Pipe Size in	mm	Zinc Plated	Chrome	304 Stainless
1.50	38	P270530		
1.75	44	P270531		
2.00	51	P270532		M002480
2.25	57	P270533		
2.50	64	P270534		M002482
2.75	70	P270535		
3.00	76	P270536	P271507	M002484
3.50	89	P270538	P271508	M002485
4.00	102	P270539	P270837	M002486
4.50	114	P270540		M002487
5.00	127	P270541	P270838	M002488
5.50	140	P270542		
6.00	152	P270543	P271511	M002490
8.00	203			M002491

P270539 - Zinc Plated



P270837 - Chrome



- Single bolt mount
- Nylon stop for quiet operation (zinc and chrome only)
- All metal construction (304 stainless steel only)

Universal Swivel Hanger

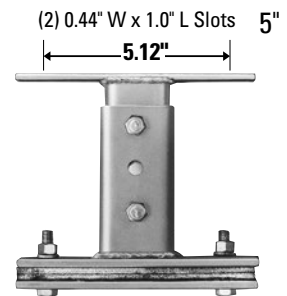
- Heavy reinforced rubber pad
- Double pivot design improves flexibility and installation
- One piece construction installs in seconds
- 11 gauge cold rolled steel construction



P206507 - 9" length
J008167 - 13" length

Universal Mounting Bracket

- For 4" (102 mm) and (127 mm) pipes
- 3/8"-16 UNC-2A(4)
- Heavy gauge hot rolled steel construction
- Expands to 10" (254mm)



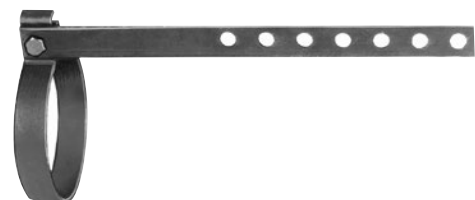
P207784

Pipe Hangers

- Pre-punched holes (0.41" dia.) for easy installation
- 12 gauge hot rolled steel construction
- 12" overall bar length, width 0.88"
- 3/8"-16 UNC bolts/nuts included

Pipe Hangers

Pipe Dia. in	mm	Part Number
3.00	76	P206523
3.50	89	P206524
4.00	102	P206525
5.00	127	P206526



Muffler Guards

- Bright stainless shipped with protective film on one side
- Order clamps separately, unless noted otherwise



Style 1

Style 2

Muffler Guards

-- Muffler Diameter --		Style	-- Length --		Wrap	Bright Stainless
in	mm		in	mm		
8.50 - 9.00	216-229	2	51.00	1295	180°	P206540
8.50 -10.00	216-254	1	45.00	1143	270°	X005207 ¹
		2	51.00	1295	180°	J009429
10.00-10.50	254-267	2	51.00	1295	180°	P206542

1 - Includes two (2) clamps

Muffler Guard Clamps

- Two clamps required for installation
- Clamps sold separately
- Chrome plated (unless noted)



Muffler Guard Clamps

Muffler Dia. in	mm	Part Number
8.50	216	P206510
9.00	229	P206511
10.00	254	P206512

1 - Zinc plated

Muffler Hangers

- For vertical and horizontal installations
- 11 gauge steel construction
- 12" overall bar length
- 3/8"-16 UNC bolts/nuts included

Muffler Hangers

-- Muffler Dia. -- in	mm	Part Number
6.00	152	P206515
7.00	178	P206516
8.50	216	P206517
9.00	229	P206518
10.00	254	P206519
8.25x11.50	210x292	P206520
10.00x15.00	254x381	P206521
11.00	279	P224841



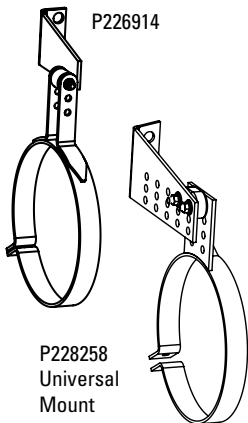
Heavy Duty Muffler Mounting Straps

Existing Support Stack

- Works with vertical mount Mack trucks when converting to a 10" diameter muffler.

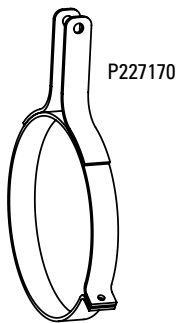
--- A ---		--- B ---		--- C ---		Part Number
in	mm	in	mm	in	mm	
10.00	256	20.00	508	23.50	597	P230241

Horizontal Hangers for Round Mufflers



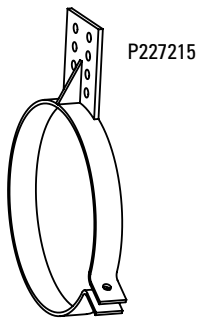
A		B		C		D		E		Part Number
in	mm	in	mm	in	mm	in	mm	in	mm	
10.00	256	9.31	236	5.75	146	1.75	44	0.38	10	P227728
11.00	279	10.16	258	6.00	152	2.50	66	0.75	19	P226914 ¹
11.00	279	6.50-10.50	165-268	5.50-9.00	140-229	1.00/2.50	25/66	0.50/0.75	13/19	P228258 ²
13.00	330	6.50-10.50	165-268	5.50-9.00	140-229	1.00/2.50	25/66	0.50/0.75	13/19	P230046 ²

- 1 - Works with International School bus when converting to round muffler
- 2 - Universal mount



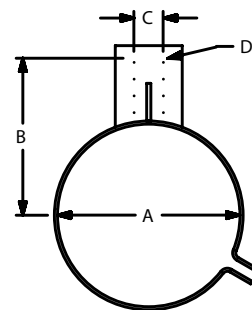
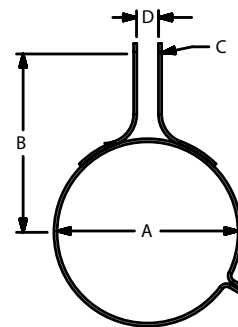
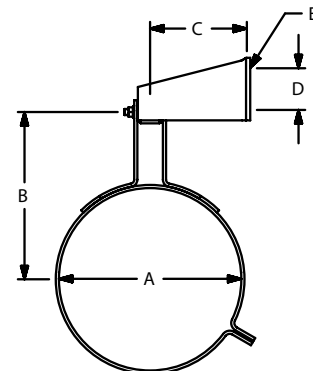
A		B		C		D		Part Number
in	mm	in	mm	in	mm	in	mm	
10.00	256	10.78	274	0.56	14	1.31	33	P230284
11.00	279	10.78	274	0.56	14	1.31	33	P227170 ¹

- 1 - Works with 2004 Thomas Conventional with Mercedes Benz Engine

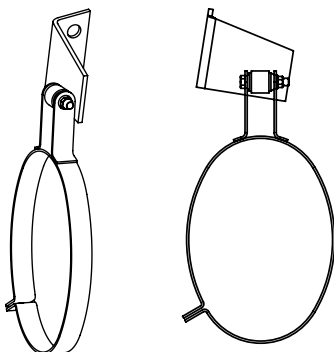


- Universal application

A		B		C		D		Part Number
in	mm	in	mm	in	mm	in	mm	
11.00	279	6.25 / 9.25	175	44	0.50	13		P227215
13.00	330	7.25 / 10.25	175	44	0.50	13		P230047



Horizontal Hanger for Oval Mufflers



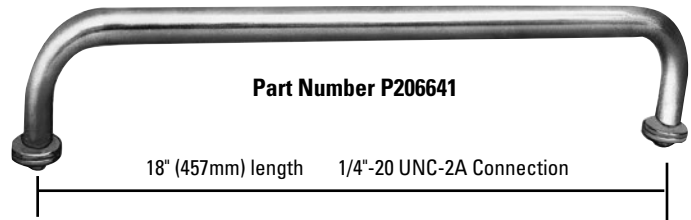
Part No. P229114

- Unique for Front Engine International School Bus with Oval DOC muffler
- Direct replacement to OE hanger
- Works with oval muffler diameter of 8.25" x 11.5"



Grab Handle

- For use with muffler and pipe guards
- Chrome plated



Manifold Tube

- For manifold connections
- Size: 4" (102mm) O.D.
- Basic application: Cummins NH series engines
- 16 gauge cold rolled steel



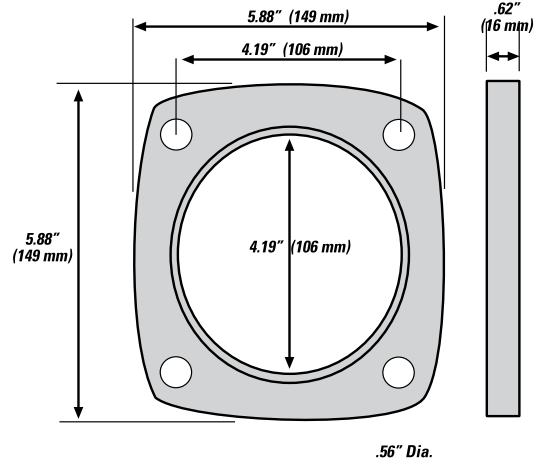
Manifold Tube
Part Number
P206617

Manifold Flange

- 16 gauge cold rolled steel



Manifold Flange
Part Number P206616



Threaded Adapter



--- O.D. ---		Thread (NPT)		Part
inch	mm	inch	mm	Number
3.00	76	3.00	76	J009514
3.50	89	3.50	89	J009516
4.00	102	4.00	102	J009518

NPT - National Pipe Thread

6" (154mm) height

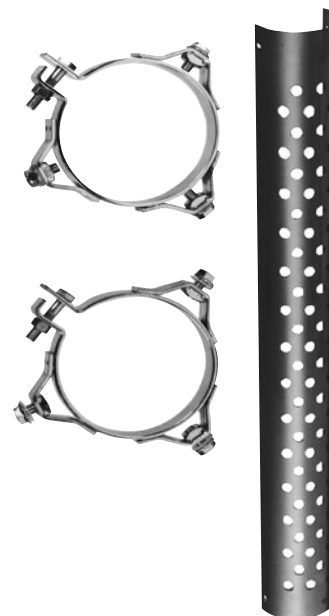
Universal Pipe Guards & Clamps

- 180° wrap coverage
- 48" (1219mm) length
- Polished stainless steel
- Shipped with protective film on one side
- Clamps must be ordered separately

Universal Pipe Guards & Clamps

Pipe Dia. in	mm	Stainless ¹	Clamp Kit
4.00	102	P206543	P206508
5.00	127	P206543	P206509
6.00	152	P206543	P224492

¹ - Requires clamp kit for installation

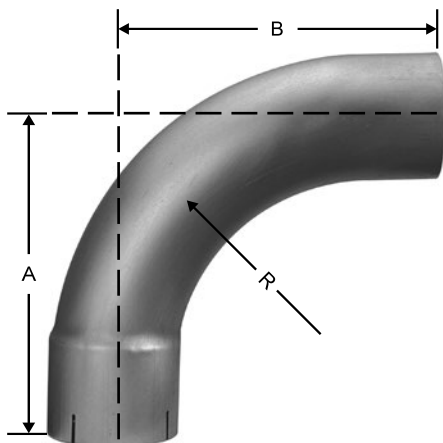


Pipe Guard Clamp Kits

- Two clamps per kit
- Chrome plated
- 12 gauge cold rolled steel construction

90° O.D. - I.D.

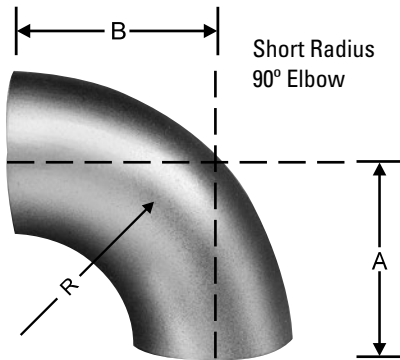
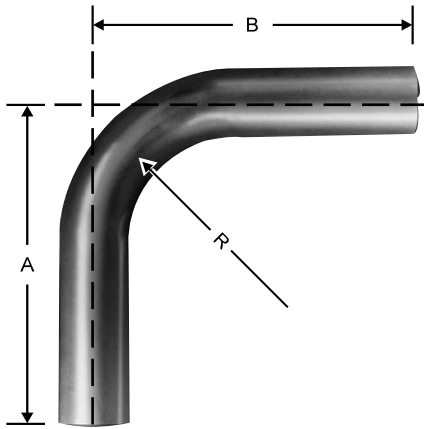
- 16 gauge aluminized or chrome plated steel
- One end O.D., one end I.D. slotted



Diameter O.D.-I.D.		Leg Length (A)		Leg Length (B)		Center Line Radius (R)		Aluminized	Chrome
in	mm	in	mm	in	mm	in	mm		
2.00	51	9.00	229	9.00	229	5.00	127	P207333	
		6.38	162	6.38	162	4.00	102	J008671	
2.50	64	6.25	159	6.25	159	4.00	102	P206339	
		12.00	305	12.00	305	5.00	127	P207335	
2.75	70	6.38	162	6.38	162	5.00	127	P216172	
3.00	76	8.00	203	8.00	203	5.00	127	P206340	
		14.00	356	14.00	356	5.00	127	P206341	
3.50	89	9.00	229	9.00	229	5.00	127	P206342	
		12.00	305	12.00	305	5.00	127	P224669	
		16.00	406	16.00	406	5.00	127	P206343	
4.00	102	8.00	203	8.00	203	4.50	114		P224671
		8.00	203	8.00	203	5.00	127	J008681	
		10.00	254	10.00	254	4.50	114		P207345
		10.00	254	10.00	254	7.00	178	P206344	
		18.00	457	18.00	457	4.50	114		P206353
		18.00	457	18.00	457	7.00	178	P206345	
4.50	114	25.00	635	32.00	813	7.00	178	P207338	
		12.00	305	12.00	305	6.00	152	J190002	
5.00	127	8.50	216	8.50	216	5.50	140	J190003	J190004
		11.00	279	11.00	279	5.50	140	P207339	J009547
		15.00	381	15.00	381	7.50	191		P207346
						10.00	254	P206347	
		18.00	457	18.00	457	7.50	191		P206354
6.00	152					10.00	254	P206348	
		25.00	635	32.00	813	10.00	254	P207340	
		15.00	381	15.00	381	10.00	254	P207341	
		26.00	660	26.00	660	10.00	254	P206350	

90° O.D. - O.D.

- 16 gauge aluminized or chrome plated steel
- Both ends O.D.

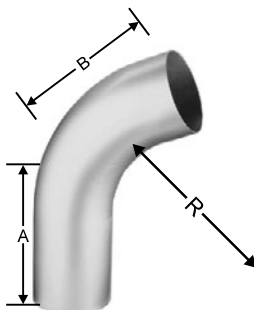


Diameter O.D.-O.D.	Leg Length (A)		Leg Length (B)		Center Line Radius (R)		Aluminized	Chrome	Stainless		
	in	mm	in	mm	in	mm					
2.00	51	9.00	229	9.00	229	5.00	127	P207322			
2.25	57	10.00	254	10.00	254	4.00	102	P216174			
2.50	64	12.00	305	12.00	305	5.00	127	P207324			
2.75	70	12.00	305	12.00	305	5.00	127	P207325			
3.00	76	3.50	89	3.50	89	3.00	76	P206397			
		6.00	152	6.00	152	4.00	102	P207362			
		10.00	254	10.00	254	5.00	127	P207326			
		14.00	356	14.00	356	5.00	127	J190013			
3.50	89	4.00	102	4.00	102	4.00	102	P206398			
		8.00	203	8.00	203	4.00	102	P207363			
		9.00	229	9.00	229	5.00	127	J190014			
		12.00	305	12.00	305	5.00	127	P207327			
		16.00	406	16.00	406	5.00	127	P207328			
4.00	102	4.50	114	4.50	114	4.00	102	P206399			
		4.50	114	4.50	114	4.50	102		P235771 ¹		
		8.00	203	8.00	203	4.00	102	P207364			
		9.00	229	15.00	381	4.00	102	P207330			
		12.00	305	12.00	305	4.00	102	P206346			
		18.00	457	18.00	457	4.50	114		J190016		
						7.00	178	P207329			
		25.00	635	25.00	635	5.00	127	J190017			
		5.00	127	5.50	140	5.50	140	5.50	140	P206400	P235772 ¹
				10.00	254	10.00	254	5.50	140	P207365	
		11.00	279	16.00	406	5.50	140	P207332			
		15.00	381	15.00	381	7.50	191		J190019		
						10.00	254	P207331			
		20.00	508	20.00	508	10.00	254	P206349			
		25.00	635	25.00	635	8.00	203	J190020			
6.00	152	6.50	165	6.50	165	6.00	152	P207361			
		10.00	254	10.00	254	6.00	152	P207366			
		23.00	584	23.00	584	10.00	254	P216175			

1- 439 Stainless Steel

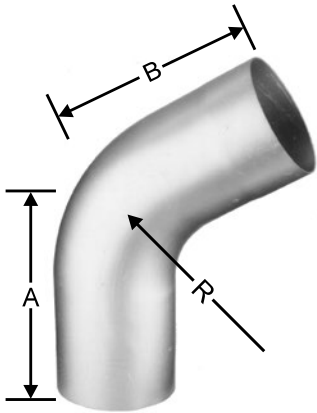
67° O.D. - O.D.

- 16 gauge aluminized steel
- Both ends O.D.
- For Peterbilt Truck



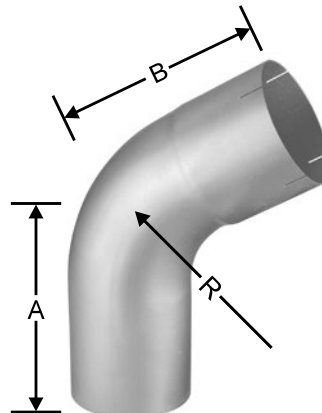
Diameter O.D.-O.D.	Leg Length (A)		Leg Length (B)		Center Line Radius (R)		Part Number	
	in	mm	in	mm	in	mm		
5.00	127	7.50	191	11.00	279	8.00	203	J009560

60° O.D. - O.D.



- 16 gauge aluminized steel
- Both ends O.D.

60° O.D. - I.D.



- 16 gauge aluminized steel
- One end O.D., one end I.D. slotted

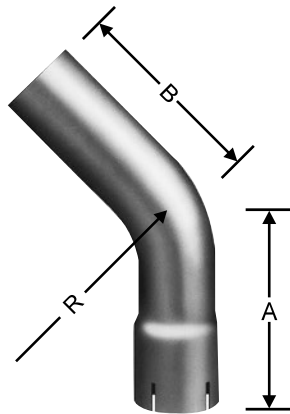
Diameter O.D.-O.D.		Leg Length (A & B)		Center Line Radius (R)		Part Number
in	mm	in	mm	in	mm	
4.00	102	8.00	203	5.00	127	J009644
5.00	127	8.00	203	5.50	140	J009645

Diameter O.D.-I.D.		Leg Length (A & B)		Center Line Radius (R)		Part Number
in	mm	in	mm	in	mm	
3.50	89	8.00	203	5.00	127	J009639
4.00	102	8.00	203	5.00	127	J009640
5.00	127	8.00	203	5.50	140	J009641

45° O.D. - I.D.

Elbows

- 16 gauge aluminized or chrome plated steel
- One end O.D., one end I.D. slotted

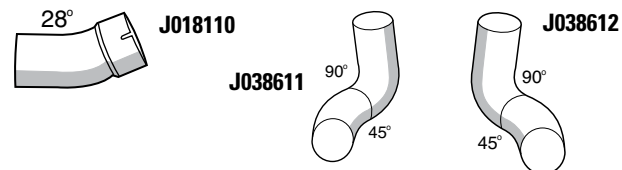


Diameter O.D.-I.D.		Leg Length (A & B)		Center Line Radius (R)		Aluminized	Chrome
in	mm	in	mm	in	mm		
2.50	64	6.00	152	4.00	102	P206279	
3.00	76	7.00	178	5.00	127	P206280	
3.50	89	8.00	203	5.00	127	P206281	
4.00	102	8.00	203	4.50	114		P206285
		9.25	235	7.00	178	P206282	
		12.00	305	5.00	127	J190023	
5.00	127	8.00	203	8.00	203	J190025	
		8.00	203	7.50	191		P206286
		12.00	305	8.00	203	P206283	
		15.00	381	5.50	140	J190027	
6.00	152	8.00	203	6.00	152	P207359	

Bent Tubes for Trucks

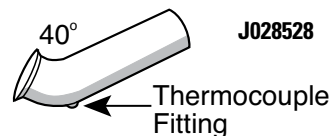
Kenworth Truck Bent Tubes

Kenworth Part No.	Donaldson Part No.	Dia. O.D. in	mm	Application
K180-5419	J018110	5.00	127	28° Elbow
K180-14764L	J038611	5.00	127	Left Hand Elbow
K180-14764R	J038612	5.00	127	Right Hand Elbow



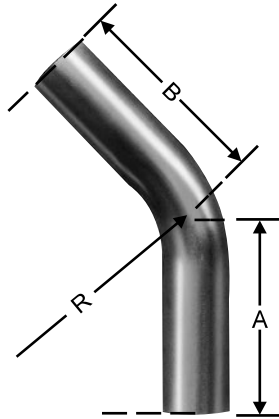
Mack Truck Bent Tubes

Mack Part No.	Donaldson Part No.	Dia. O.D. in	mm	Application
4ME21698	J028528	4.00	102	R & RD Models



45° O.D. - O.D.

- 16 gauge aluminized or chrome plated steel
- Both ends O.D.

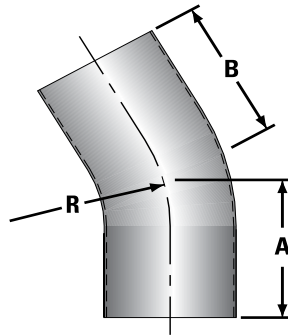


Diameter O.D.-O.D.	Leg Length (A)		Leg Length (B)		Center Line Radius (R)		Aluminized	Chrome	Stainless
	in	mm	in	mm	in	mm			
2.00	51	6.00	152	6.00	152	5.00	127	P207347	
2.50	64	6.00	152	6.00	152	5.00	127	P207349	
2.75	70	6.00	152	6.00	152	5.00	127	P207350	
3.00	76	7.00	178	7.00	178	5.00	127	P207351	
3.50	89	8.00	203	8.00	203	5.00	127	P207352	
4.00	102	8.00	203	8.00	203	4.00	102	P207353	
4.00	102	8.00	203	8.00	203	4.50	102		P235788 ¹
5.00	127	8.00	203	8.00	203	5.50	140	P207354	P216169 P235789 ¹
6.00	152	8.00	203	8.00	203	6.00	152	P207355	

1- 439 Stainless Steel

30° O.D. - O.D.

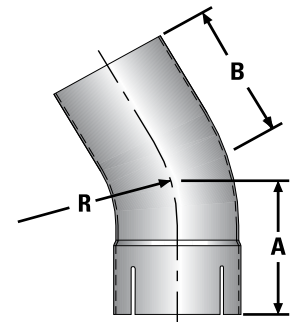
- 16 gauge aluminized steel
- Both ends O.D.



Diameter O.D.-O.D.	Leg Length (A & B)		Center Line Radius (R)		Part Number	
	in	mm	in	mm		
3.50	89	4.00	102	5.00	127	J009635
4.00	102	4.00	102	5.00	127	J009636
5.00	127	4.00	102	5.50	140	J009637

30° O.D. - I.D.

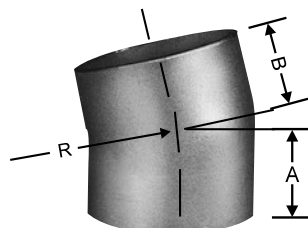
- 16 gauge aluminized steel
- One end O.D., one end I.D. slotted



Diameter O.D.-I.D.	Leg Length (A & B)		Center Line Radius (R)		Part Number	
	in	mm	in	mm		
3.50	89	4.00	102	5.00	127	J009631
4.00	102	4.00	102	5.00	127	J009632
5.00	127	4.00	102	5.50	140	J009633

15° O.D. - O.D.

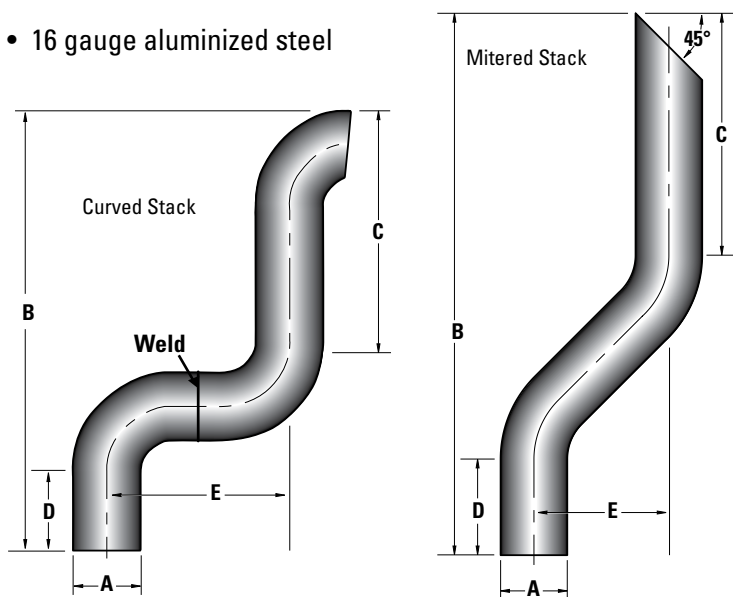
- 16 gauge aluminized steel
- For use where clearance is a problem



Diameter O.D.-O.D.	Leg Length (A & B)		Center Line Radius (R)		Part Number	
	in	mm	in	mm		
3.00	76	1.75	44	5.00	127	P206393
3.50	89	1.75	44	5.00	127	P206394
4.00	102	2.50	64	4.00	102	P206395
5.00	127	4.00	102	5.50	140	P206396

Dump Truck Stack Pipes

- 16 gauge aluminized steel



Dump Truck Stack Pipes

- O.D. Dia. -		Overall Length (B)		Leg Length (C)		Leg Length (D)		-- Offset -- (E)		Curved	Mitered
in	mm	in	mm	in	mm	in	mm	in	mm	Aluminized	Chrome
4.00	102	38.00	965	19.50	495	10.50	267	12.10	307	P224581	
		51.00	1295	32.28	820	7.67	195	8.20	208		P224692
5.00	127	38.00	965	18.00	457	9.00	229	12.10	307	P224582	
		51.00	1295	31.70	805	7.11	181	7.04	179		P224693

Super Stack

- Aluminized
- Packing inside stack will reduce exhaust noise by 2 to 3 dBA
- Mounts directly into existing system replacing the conventional stack

Part Number: M001327

O.D. Dia.	--Length--	O.D. Dia.	--Length--
in	mm	in	mm
5.00	127	35.50	902



Straight Stack Pipes

- Keeps exhaust smoke and fumes from damaging cargos or blackening van bodies
- 16 gauge aluminized steel or chrome

O.D. Style - Straight Stacks



O.D. Dia. in	mm	-- Length --		Aluminized	Chrome
		in	mm		
3.00	76	24.00	610	P208328	
		48.00	1219	P206376	
3.50	89	24.00	610	P208336	
		48.00	1219	P206377	
4.00	102	18.00	457		P208385
		24.00	610	J240012	
		48.00	1219	P206378	P206388
		60.00	1524	J640001	
5.00	127	24.00	610	P224589	P224590
		48.00	1219	P206379	P206389
		60.00	1524	P208393	P206391

I.D. Style - Straight Stacks



I.D. Dia. in	mm	-- Length --		Aluminized	Chrome
		in	mm		
3.00	76	24.00	610	P216191	
		36.00	914	P208324	
		48.00	1219	P207285	P207314
3.50	89	18.00	457	P207281	
		24.00	610	J024735	
		36.00	914	P208348	
		48.00	1219	P207286	
4.00	102	18.00	457	P207282	
		24.00	610	J024737	P224627
		36.00	914	P208364	P224628
		48.00	1219	P207287	
		60.00	1524	P207288	P207299
5.00	127	18.00	457	P207283	
		24.00	610	J024739	J240024
		36.00	914	P208380	J340023
		48.00	1219	P207292	
		60.00	1524	P207289	P207300
6.00	152	48.00	1219	P216197	

45° Mitered Chrome Stack Pipes

- Keeps exhaust smoke and fumes from damaging cargos or blackening van bodies
- 16 gauge

O.D. Style - 45° Mitered Stacks



O.D. Dia. in	mm	-- Length --		Chrome
		in	mm	
4.00	102	18.00	457	P224696
		36.00	914	P224698
5.00	127	18.00	457	P224703
		36.00	914	P216227
		48.00	1219	P216228
		60.00	1524	J540008

I.D. Style - 45° Mitered Stacks



- I.D. Dia. - in	mm	-- Length --		Chrome
		in	mm	
4.00	102	18.00	457	P224604
		48.00	1219	P224605
5.00	127	18.00	457	P224607
		60.00	1524	P224608
		72.00	1829	P224706
		84.00	2134	P224611
		96.00	2438	P224707

Curved & Long 90° Stack Pipes

- Keeps exhaust smoke and fumes from damaging cargos or blackening van bodies
- 16 gauge aluminized steel or chrome

O.D. Style - Curved Stacks

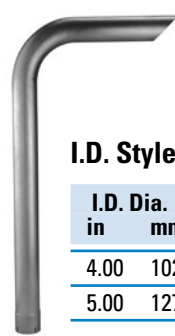


O.D. Dia.		--- Length ---		----- Curved -----	
in	mm	in	mm	Aluminized	Chrome
3.00	76	24.00	610	P208330	J240016
		48.00	1219	P206380	P207312
3.50	89	24.00	610	P208338	
		48.00	1219	P206381	
4.00	102	24.00	610	J024748	J024749
		36.00	914	P208358	P208359
		48.00	1219	P206382	P206386
		60.00	1524	P208388	P208389
		72.00	1829		J640005
5.00	127	24.00	610	J024750	J024751
		36.00	914	P208374	P208375
		48.00	1219	P206383	P206387
		60.00	1524	P208394	P208395
		72.00	1829		P224600
		96.00	2438		P209912

I.D. Style - Curved Stacks



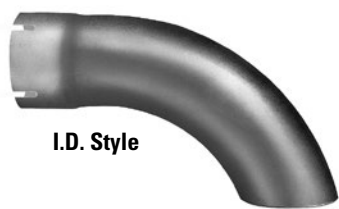
I.D. Dia.		-- Length --		----- Curved -----	
in	mm	in	mm	Aluminized	Chrome
3.00	76	36.00	914	P208326	
		48.00	1219	P207293	P207318
3.50	89	24.00	610	P224633	
		36.00	914	P208350	P216200
4.00	102	24.00	610	J024746	J024757
		36.00	914	P208366	J034746
		48.00	1219	P207295	P207320
		60.00	1524	P207290	P207301
		72.00	1829		P216202
5.00	127	24.00	610	J024747	J024758
		36.00	914	P208382	P216204
		48.00	1219	P207296	P207321
		60.00	1524	P224709	P207302
		72.00	1829		P216205
		84.00	2134		P224638
		96.00	2438		P209910
6.00	152	36.00	914	P216206	



I.D. Style - Long 90°

I.D. Dia.		-- Length --		Aluminized
in	mm	in	mm	
4.00	102	60.00	1524	P224710
5.00	127	60.00	1524	P224711

Tailpipes - O.D. & I.D Styles



I.D. Style



O.D. Style

Tailpipes O.D. & I.D. Styles

-- Dia. --		-- Length --		----- O.D. Style -----		----- I.D. Style -----	
in	mm	in	mm	Aluminized	Chrome	Aluminized	Chrome
2.00	51	9.00	229	P206306		P207415	
2.50	64	12.00	305	P206308		P206301	
3.00	76	12.00	305	P206309		P206302	J014621
3.50	89	12.00	305	P206310		P206303	J014622
4.00	102	12.00	305	P206311		P206304	J014623
		18.00	457	P208386	P206384	P207297	P207308
5.00	127	12.00	305			P224617	P224618
		18.00	457	P208392	P206385	P207298	P207309
		20.00	508	P206312		P206305	
6.00	152	20.00	508	P207419		P207559	

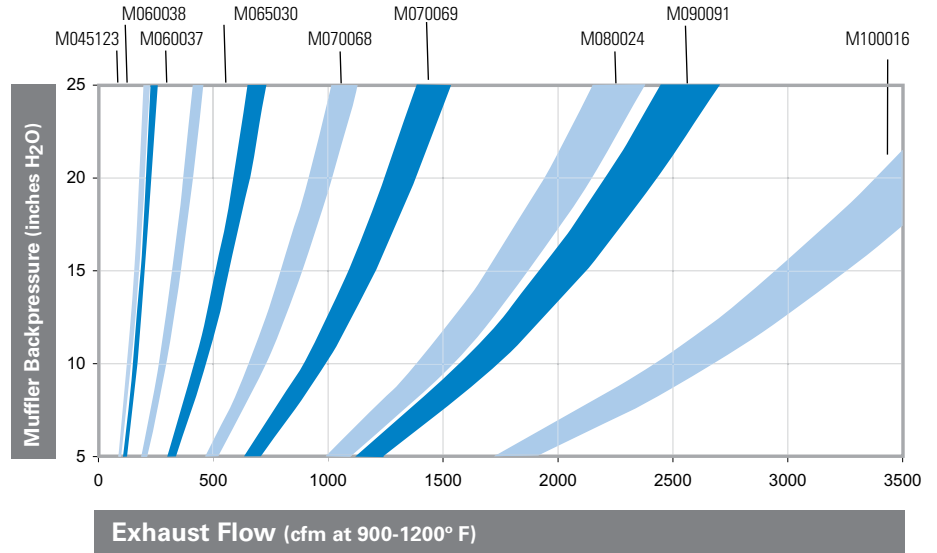
Spark Arrestors

- U.S. Forest Service approved (80% efficiency on incendiary sparks)
- Reduces fire hazard
- Centrifugal force separates solids from exhaust gas
- Aluminized steel with stainless steel critical parts
- Can be installed vertically or horizontally (If possible, the clean out should face away from all fuel tanks, the vehicle operator's position and the air cleaner inlet.)
- Not designed to support tail or stack pipes without additional support



Selecting a Spark Arrestor

Generally, if a spark arrestor will fit on the exhaust pipe of an engine, it will also have acceptable backpressure for that engine. In some cases, a larger size spark arrestor will be required to stay within backpressure limits, and in those cases adapters will have to be used.



Spark Arrestor Service Tip

The spark arrestor should be inspected and cleaned out every 1,000 operating hours or three times per season. Visually inspect for holes, cracks and metal corrosion. Check the mounting clamp to make sure the spark arrestor is securely mounted. Replace the spark arrestor if your inspection reveals any of the above unsafe conditions.

Inlet I.D.		Outlet I.D.		Body Dia.		Body Length		Overall Length		Part Number
in	mm	in	mm	in	mm	in	mm	in	mm	
1.50	38	1.25 ¹	32	4.38	111	4.75	121	8.38	213	M045123
		1.50	38	6.00	152	3.75	95	9.36	241	M060038
2.00	51	2.00	51	6.00	152	5.00	127	11.10	283	M060037
2.50	64	2.50	64	6.61	168	6.25	159	13.00	330	M065030
3.00	76	3.00	76	7.00	178	7.56	194	14.63	372	M070068
3.50	89	3.50	89	7.00	178	9.00	229	16.50	419	M070069
4.00	102	4.00	102	8.00	203	10.63	270	18.19	461	M080024
5.00	127	5.00	127	9.00	229	11.75	298	20.75	527	M090091
6.00	152	6.00	152	10.00	254	13.38	340	23.50	597	M100016

1 - 1.25" is an outer diameter, not inner diameter.

Resonators

- Provides an additional 2 to 3 dBA exhaust noise reduction
- Installs in the exhaust system
- Straight-through design does not increase backpressure
- Aluminized steel
- Both ends I.D. slotted
- Common dimensions for both models:
 - Body Dia. 9" (229mm)
 - Body Length 10" (254mm)
 - Overall Length 16.5" (419mm)



5" (125mm) I.D. and O.D. - Part No. M090072
4" (102mm) I.D. and O.D. - Part No. M090362

Exhaust Ejectors

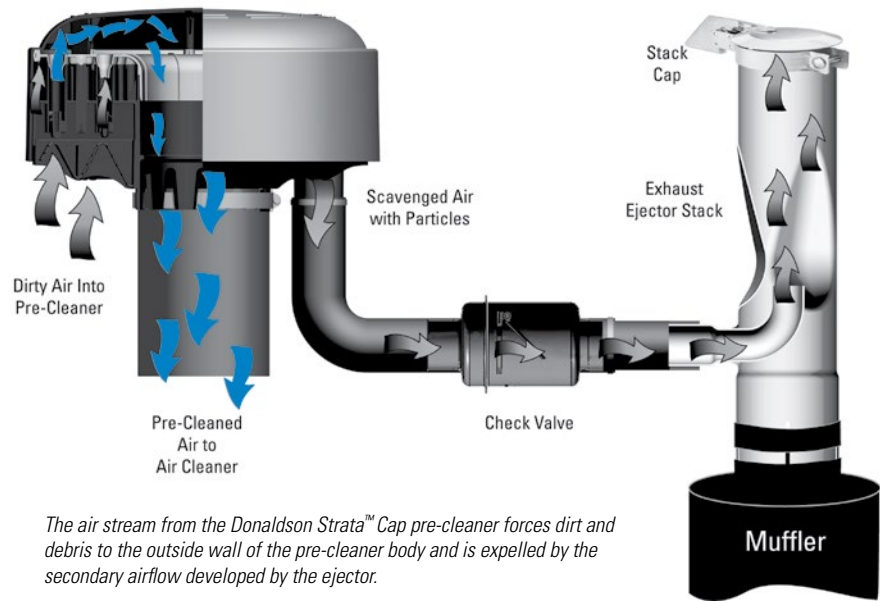
Components for Scavenged Air Systems: Exhaust Ejectors & Check Valves

Donaldson exhaust ejectors and check valves are key components to create a scavenged or aspirated air system. The ejector is used with Donaldson Donaspin™ or Strata™ Cap pre-cleaners, Strata™ systems, or PowerCore® PSD air cleaners.

A scavenged air system is typically used in off-highway equipment to extend air filter life. The exhaust ejector mounts as a stack at the end of exhaust system. It is recommended that the stack be covered with a curved exhaust stack or rain cap.

Our ejector line offers three styles, including a compact length tube for use in applications where space is limited.

----- Basic Scavenged Air System -----



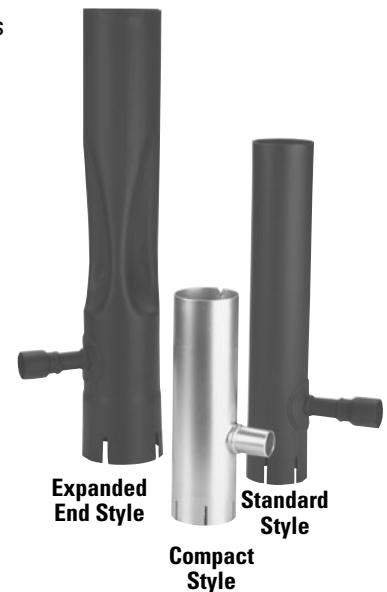
The air stream from the Donaldson Strata™ Cap pre-cleaner forces dirt and debris to the outside wall of the pre-cleaner body and is expelled by the secondary airflow developed by the ejector.

Exhaust Ejectors

- Can be used with any pre-cleaner with scavenge tube connection
- Adds only 4" (102mm) to 8" (203mm) H₂O (0.3" to 0.6" Hg.) to exhaust backpressure
- All models have a nominal OD outlet end for proper fit of stack caps and other accessories
- For proper structural support, muffler outlet tube length and stack engagement must be a minimum length of 1.5-2.0" (38-51mm)
- Finish on all models is high temperature, black, semi-gloss finish
- Can be installed horizontally or vertically

Compact Style

Part Number	Engine Intake CFM	-- Inlet I.D. --		Scavenge Tube O.D.		--- Length ---		Exhaust Flow Rate (CFM)	
		inch	mm	inch	mm	inch	mm	Min. ¹	Max. ²
H001278 ³	165-215	2.77	70	1.25	32	9.75	248	415	545
H001279 ³	300-390	3.02	77	1.25	32	10.80	274	760	990
H001284 ³	450-590	4.02	102	1.25	32	14.38	365	1140	1500



1 - Minimum exhaust flow based on 20" of water dead head vacuum
 2 - Maximum exhaust flow based on 40" of water dead head vacuum
 3 - Use 3-ply Silicone Scavenge Hose (1.25" I.D., 3 ft. length) P171376 and Lined Hose Clamp P532924

Exhaust Gas Temperature of 900° F assumed

Exhaust Ejectors & Check Valves

Exhaust Ejectors for Scavenged or Aspirated Air System

All exhaust ejectors are constructed heavy-gauge, aluminized steel, and painted with a high-temperature black paint. Select the appropriate ejector by the intake airflow or exhaust flow (CFM) of your engine.

Engine Intake CFM		Exhaust CFM @ 900° F		Standard Ejectors			Expanded I.D. Ejectors			Length		Scavenge Tube O.D.	
Low	High	Low	High	Inlet Dia.* inches	mm	Part Number	Inlet Dia.* inches	mm	Part Number	inches	mm	inches	mm
220	365	554	919	3.02	77.0	H002612	3.16	80.3	H002762	12.00	304.8	1.25	32
315	450	793	1133	4.02	102.0	H002613	4.17	105.9	H002763	18.00	457.2	1.25	32
425	600	1070	1511	4.02	102.0	H002614	4.17	105.9	H002764	18.00	457.2	1.50	38
500	740	1259	1864	5.03	127.8	H002615	5.17	131.0	H002765	22.00	558.8	1.50	38
660	950	1662	2393	5.03	127.8	H002616	5.17	131.0	H002766	22.00	558.8	1.75	44
800	1150	2015	2896	6.04	153.4	H002617	6.19	157.0	H002767	24.00	609.6	2.00	51
950	1350	2393	3400	6.04	153.4	H002618	6.19	157.0	H002768	24.00	609.6	2.00	51
1100	1500	2770	3778	6.04	153.4	H002619	6.19	157.0	H002769	24.00	609.6	2.00	51

* This dimension only applies to 2.5" /64mm of length – not the full length of the ejector.

3 ft. / .91 m Silicone Scavenge Hose & Lined Hose Clamp for:

- 1.25" / 32 mm Scavenge Tube: Hose: P171376 and Lined Hose Clamp P532924
- 1.50" / 38 mm Scavenge Tube: Hose: P171378 and Lined Hose Clamp P115200
- 1.75" / 44 mm Scavenge Tube: Hose: P171380 and Lined Hose Clamp P115200
- 2.00" / 51 mm Scavenge Tube: Hose: P171381 and Lined Hose Clamp P115200

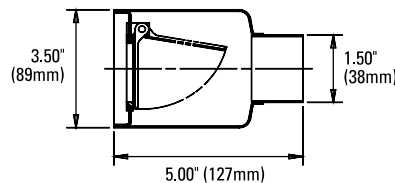
Ejector Check Valve Prevents Exhaust Backflow

The exhaust ejector check valve prevents backflow of damaging exhaust gases by way of an internal hinge flap. Add an ejector check valve when configuring the intake system to expel filtered contaminant through the exhaust system.

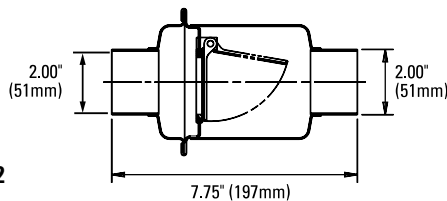
- Mounts horizontally (see installation diagrams)
- Durable, non-corrosive metal construction
- No servicing required



H001023



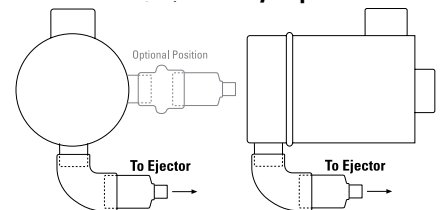
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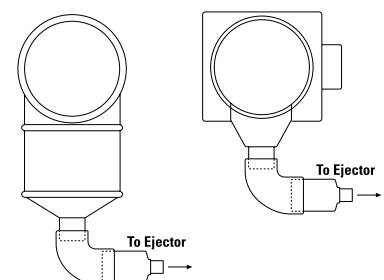
Check Valve Installation

The illustrations are side views of two-stage air cleaners, showing the position of the check valve. A 3" (76mm) inner diameter rubber reducing elbow or hump reducer is required for installation. See pages 94-96 for options.

Installation on F Series Cyclopac™



Installation on S Series Donaclone™



These flexible rubber adapters and elbows have smooth radii and inside surfaces to minimize flow resistance within the air intake system.

These rubber products are heavy-duty!

Larger elbows (5"/125mm) are ribbed or compounded for added strength and durability. All Donaldson rubber products meet ASTM standards.

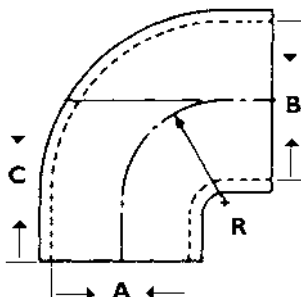
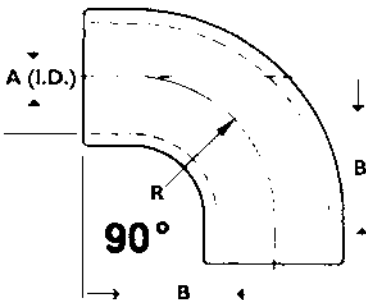
- Resist tears, punctures and vacuum collapse

- Absorb vibration
- Reduce intake noise levels under severe conditions
- Material: EPDM rubber construction
- Temperature range: -40°F (-40°C) to +212°F (+100°C)
- Application tip: A minimum 1½" of metal piping should be inserted into the rubber fitting

90° Rubber Elbows & Reducing Elbows

90° Elbows

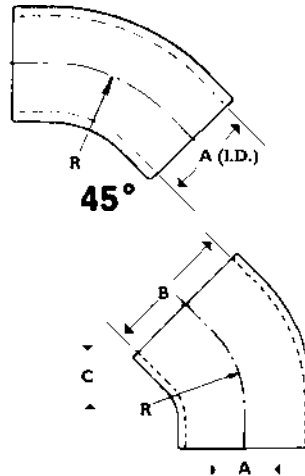
Inner Dia. (A) in mm	Center Height (B) in mm	Radius (R) in mm	Part Number
2.00 51	3.50 76	2.00 51	P105529
2.25 57	3.75 95	2.25 57	P105530
2.50 64	4.00 102	2.50 64	P105531
3.00 76	5.25 133	3.75 95	P105532
3.50 89	5.50 140	4.00 102	P114318
4.00 102	5.75 146	4.50 114	P105533
4.50 114	5.50 140	3.50 89	P113733
5.00 127	6.12 155	4.50 114	P107844
5.50 140	6.50 171	4.63 118	P105534
6.00 152	7.00 179	5.00 127	P105535
7.00 179	7.56 192	5.56 141	P105536
8.00 203	8.50 216	6.50 165	P112605
10.00 254	10.50 267	8.50 216	P114314



90° Elbow Reducers

Inner Dia. (A) in mm	Inner Dia. (B) in mm	Center Height (C) in mm	Radius (R) in mm	Part Number
3.00 76	3.50 89	3.50 89	2.25 57	P123462
	4.00 102	4.50 114	3.00 76	P536163
4.00 102	5.00 127	6.00 152	3.75 95	P121482
	5.00 127	6.00 152	3.50 89	P537468
	6.00 152	6.00 152	4.25 108	P143895
5.00 127	7.00 179	6.25 159	4.25 108	P159820
	6.00 152	6.75 171	5.00 127	P117724
	7.00 179	6.25 159	4.38 111	P128990

45° Rubber Elbows, Reducing Elbows and Hump Reducers

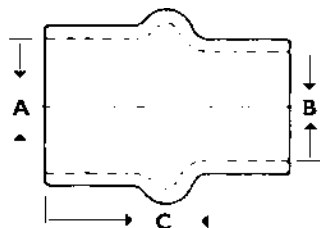


45° Elbows

Inner Dia. (A)		Radius (R)		Part Number
in	mm	in	mm	
2.00	51	2.00	51	P105541
2.25	57	2.25	57	P105542
2.50	64	2.50	64	P105543
3.00	46	3.75	95	P105544
3.50	89	3.50	89	P109331
4.00	102	4.25	108	P105545
4.50	114	3.50	89	P114316
5.00	127	4.50	114	P109021
5.50	140	4.75	121	P105546
6.00	152	5.00	127	P105547
7.00	178	5.56	141	P105548
8.00	203	6.50	165	P112606
10.00	254	8.50	216	P114313

45° Elbow Reducers

Inner Dia. (A)		Inner Dia. (B)		Center Height (C)		Radius (R)		Part Number
in	mm	in	mm	in	mm	in	mm	
5.50	140	6.00	152	6.44	164	4.88	124	P133338
6.00	152	7.00	179	7.38	187	5.31	135	P133339



Rubber Hump Reducers

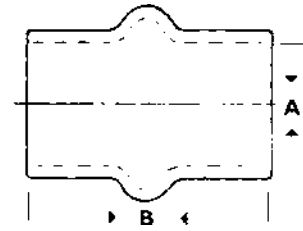
Inner Dia. (A)		Inner Dia. (B)		Length (C)		Part Number
in	mm	in	mm	in	mm	
3.00	76	2.50	64	4.50	114	P102820
		2.75	70	3.50	89	P520883
3.50	87	3.00	76	5.00	127	P101290
		2.75	70	4.00	102	P520882
4.00	102	2.75	70	4.00	102	P520884
		3.00	76	5.25	133	P101291
		3.50	87	5.25	133	P101292
4.50	114	4.00	102	6.00	152	P540256
5.00	127	4.00	102	6.00	152	P101293
		4.50	114	6.25	159	P604045 ¹
5.50	140	4.00	102	6.00	152	P101891
		5.00	127	6.00	152	P103516
6.00	152	5.00	127	6.00	152	P112611
		5.50	140	6.00	152	P101294
7.00	179	5.00	127	7.00	179	P136494
		5.50	140	7.00	179	P126530
8.00	203	6.00	152	6.00	152	P112610
		5.50	140	7.00	179	P129660
		6.00	152	6.00	152	P114315
10.00	254	7.00	179	6.00	152	P112609
		8.00	203	6.00	152	P112607

1 - Use clamp size for nominal 5" (127mm) I.D. each end



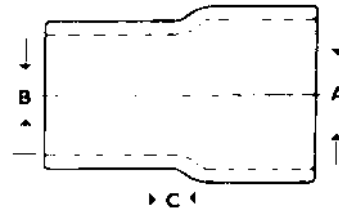
Rubber Straight Humps

Inner Dia. (A)		Length (B)		Part Number
in	mm	in	mm	
3.00	76	5.30	135	P105608
3.50	89	5.25	133	P114319
4.00	102	5.25	133	P105609
4.50	114	6.00	152	P114317
5.00	127	6.00	152	P105610
5.50	140	6.00	152	P105611
6.00	152	7.00	165	P105612
7.00	179	7.00	165	P105613
8.00	203	5.00	127	P112608
10.00	254	6.00	152	P111414



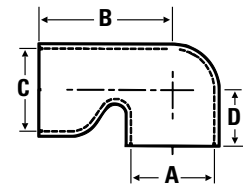
Rubber Reducers

Inner Dia. (A)		Inner Dia. (B)		Length (C)		Part Number
in	mm	in	mm	in	mm	
2.00	51	1.50	38	2.50	64	P104087
		1.75	44			
2.25	57	2.00	51	2.50	64	P104088
2.50	64	2.00	51	2.50	64	P104089
		2.25	57	2.50	64	P104090

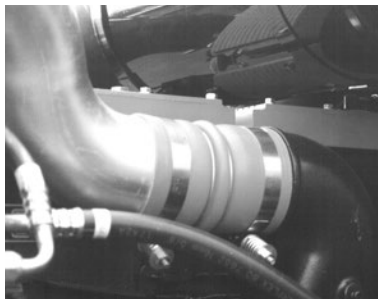


90° Cobra Adapters

Inner Dia. (A)		Inner Dia. (C)		Length (B)		(D)		Part Number
in	mm	in	mm	in	mm	in	mm	
2.75	70	4.00	102	6.50	165	1.81	46	P600328
3.00	76	3.00	76	5.22	133	1.91	49	P547694
4.00	102	4.00	102	6.44	164	2.69	68	P600325
		4.00	102	6.44	164	3.19	81	P600326
		5.00	127	6.44	164	3.19	81	P600327

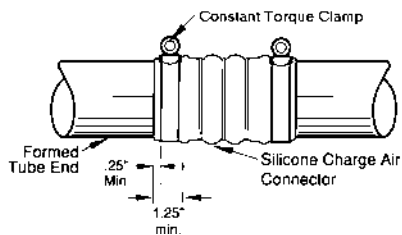


Silicone Charge Air Connectors

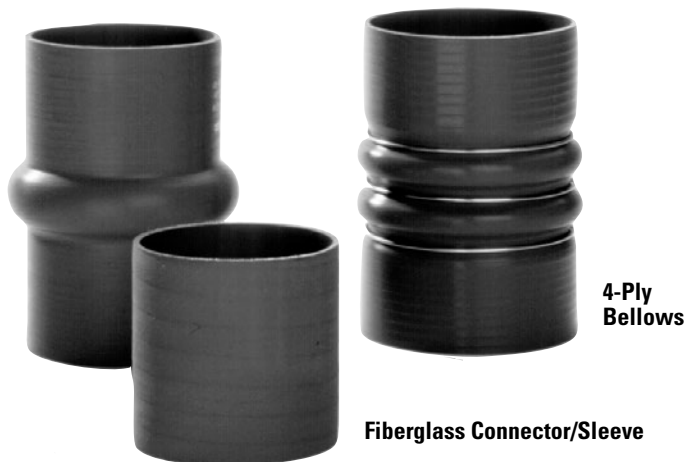


Our three styles of charge air connectors are designed to ease connections in air intake system piping: they compensate for slight misalignment and isolate vibration between hose connections. The silicone elastomer material resists chemicals, steam, ozone, coolants and aging conditions normally found in any engine operating environment.

All three charge air connectors are for installation on the pressure side with maximum operating temperatures up to 500°F (260°C.) They are orange in color to be easily identifiable as tolerant of high temperatures, and carry a one year warranty.



Use the illustration as a guide for installing your charge air connector. For proper installation, use Donaldson Constant Torque clamps to retain clamp load. Torque to 70-75 lbs-in.



Hump Hose Connector

4-Ply Bellows

Fiberglass Connector/Sleeve

Connectors/Sleeves

Inner Dia. in	mm	Length in	mm	Part Number
2.00	51	36.00	914	P532948
2.25	57	36.00	914	P532949
2.50	64	36.00	914	P532950
3.00	76	36.00	914	P532951
3.38	86	3.50	89	P532952
		6.00	152	P532953
		36.00	914	P532954
3.50	89	3.50	89	P532956
		4.50	114	P532957
		36.00	914	P532958
4.00	102	36.00	914	P532959

Hump Hose Connectors

Inner Dia. in	mm	Length in	mm	Part Number
2.50	66	5.50	140	P532960
2.75	70	4.25	108	P532961
3.00	76	4.38	111	P532962

4-Ply Bellows

Inner Dia. in	mm	Length in	mm	No. of Rings	Part Number
3.50	89	6.00	152	3	P535572
4.00	102	6.00	152	0	P532943
		6.00	152	2	P535571
		6.00	152	3	P532944
		7.50	191	3	P532945
		8.00	203	3	P535573

Worm-Drive Hose Clamps

- Versatile clamps for wide size range of hose connections
- Made of strong, durable, noncorrosive stainless steel
- Inside of clamp is lined so that hose doesn't bulge through clamp holes
- Narrow band enables easy installation in confined areas



High Torque Clamp

--- Min. to Max. Size --- inch	mm	Part Number
4-1/4 - 5-1/8	108-130	P115204
5-1/4 - 6-1/8	133-156	P115205
6-1/4 - 7-1/8	159-181	P115206
7-1/4 - 8-1/8	184-206	P115207
8-1/4 - 9-1/8	210-232	P115208
10-1/4 - 11-1/8	260-286	P115209

Recommended application up to 150 lbs-in torque

This EXTRA heavy-duty clamp ensures total protection against leakage...eliminates the need for double clamping.

Constant Torque Clamp

--- Min. to Max. Size --- inch	mm	Part Number
2-1/4 - 3-1/8	57-79	P532925
2-3/4 - 3-5/8	70-92	P532926
3-1/4 - 4-1/8	83-105	P532927
3-3/4 - 4-5/8	95-117	P532928
4-1/4 - 5-1/8	108-130	P532929

Recommended application up to 90 lbs-in torque

Donaldson Constant Torque lined clamps are the best choice for systems where clamps cannot be retightened and have difficult access. Perfect for applications requiring higher torque, large diameters, temperature extremes, or where expansions and contractions within the system are common. This clamp is a good choice for critical coolant and charge-air connections.

Lined Hose Clamp

-- Min. to Max. Size -- inch	mm	Part Number
9/16 - 13/16	14-21	P532919
11/16 - 15/16	17-24	P532920
13/16 - 1-1/16	21-27	P532921
13/16 - 1-1/2	21-38	P532923
13/16 - 1-3/4	21-44	P532924
15/16 - 1-1/4	29-32	P532922
1-9/16 - 2-1/2	40-62	P115200
2-1/16 - 3	52-76	P115201
2-13/16 - 3-3/4	71-95	P143422
3-5/16 - 4-1/4	84-108	P115202
4-5/16 - 5-1/4	109-133	P115203

Recommended application up to 40 lbs-in torque

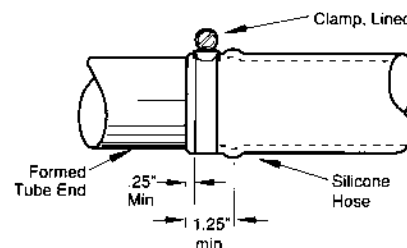
Donaldson lined hose clamps seal silicone and other soft hoses without damage. The inner liner extends under the perforations to protect the hose and prevents extrusions through the worm-gear perforations.

T-Bolt Clamps



Nominal I.D. ¹	Min. to Max. Size inch	mm	Part Number
2.00	2.25-2.53	57-64	P148337
2.25	2.50-2.78	63-70	P148338
2.50	2.81-3.09	71-78	P148339
2.75	3.06-3.34	78-85	P148340
3.00	3.31-3.59	84-91	P148341
3.50	3.81-4.09	98-104	P148342
4.00	4.31-4.59	109-116	P148343
4.50	4.81-5.09	122-129	P148344
5.00	5.31-5.59	135-142	P148345
5.50	5.94-6.21	151-158	P148346
6.00	6.38-6.65	162-169	P148347
7.00	7.38-7.78	187-198	P148348
8.00	8.25-8.56	216-226	P148349
10.00	10.50-10.91	267-277	P148350

¹ - Nominal I.D. dimension, shown in inches, corresponds to I.D. dimension of rubber part being clamped.



Initial torque on lined hose clamp should be 40 lbs-in. If retorquing is required, limit to 20 lbs-in.

Replacement Vacuator™ Valves

The Vacuator Valve, standard on the majority of Donaldson air cleaners, is an important part of the functionality of the air cleaner. It is an integral part of the pre-cleaning stage on two-stage air cleaners.

The dust cup, where pre-cleaned dust is collected, is normally under a slight vacuum when the engine is running. The normal engine pulsing of the vacuum causes the Vacuator Valve to open and close. This action automatically expels any collected dust and water. The Vacuator Valve also unloads when the engine is stopped.

Application Notes

For proper operation, the Vacuator Valve should be located at the lowest point on the air cleaner or dust cup pointing down.

Never paint the Vacuator Valve. Solvents and chemicals will shorten the usable life.

If the Vacuator Valve is torn, shredded or turned inside out, its durometer may be too soft for the application. Choose a model with a harder durometer (higher number). Conversely, if the Vacuator Valve doesn't empty itself properly, the durometer may be too hard. Choose one with a softer durometer (lower number.)



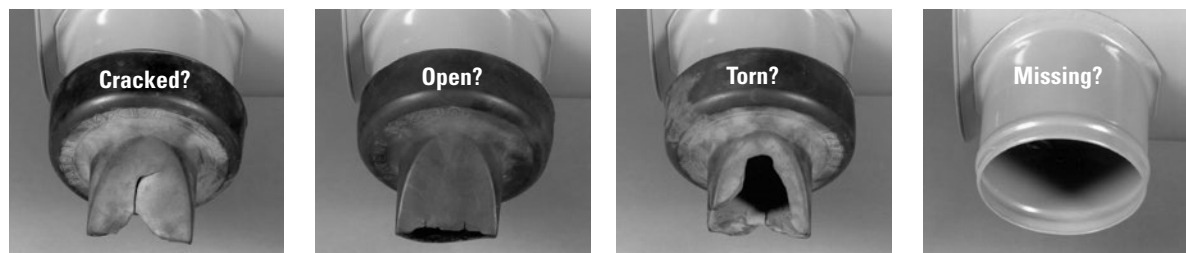
The Donaldson Vacuator Valve, also known as VacValve, is made in a variety of sizes and shapes to fit various applications. The Donaldson part number is molded into each part for easy identification.

Vacuator Valves

Part Number	Diameter		Durometer	Used on Air Cleaner Styles
	in	mm		
P103198	3.0	76	40	FRG 10", 12", 14" and 16"; FHG 10", 12", 14" and 16"; FTG; FWA 5"-16"; FWG 4"-16"; SRG; In-line Water Separators
P105220	3.0	76	60	FRG 18"; FHG 8"; FVG160587
P106593	3.0	76	60	FHG 6"-8", High Pulsation Models
P112803	3.0	76	40	FHG 6"-8"; PSD 10", PSD 12"; SBG 14"-16"; SDG; STG 12"-16"
P149099	1.0	25	60	ERA; EBA; EBB; ECG
P158914	2.0	51	50	XRB, FKB; PSD 8"; PSD 9"; FPG 6" and 8"; FRG 5"-9", 11"; FHG 5", FWG; FWA; Moisture Skimmers
P522958	2.0	51	60	FPG 4" -5"; FHG
P525956	1.0	25	60	EPG 11", 13", 15"
P617632	1.57	40	50	PSD 08"
P776008	2.0	51	60	FPG 9", 10" Twist-off cover; FRG 10", 13", and 15"

For the longest filter service life, replace damaged or missing Vacuator Valves immediately!

If your valve is cracked, torn, remains open or is missing, dust particles that are normally expelled can deposit themselves onto the filter and will shorten air filter service life. **Replace it!**



The Informer™ for Graduated, Continuous Readings

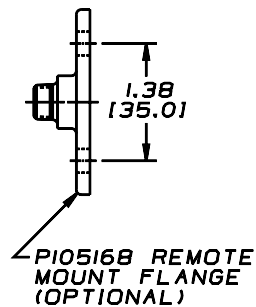
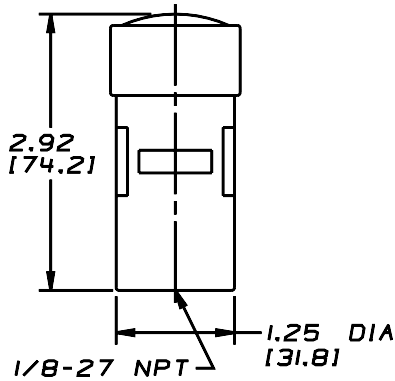


The Informer, when mounted on the air cleaner or the dashboard, provides a continuous reading whether the engine is running or is shut down. Reset button is on top. Kit includes full installation instructions and a P100089 safety filter

fitting. For remote mounting, order a P105168 flange and a P105622 90° elbow.

The Informer™

Restriction Limit	Gauge Only	Kit (gauge & fitting)
20" H ₂ O/5 kPa	X002278	X002103
25" H ₂ O/6.2 kPa	X002277	X002102
30" H ₂ O/7.5 kPa	X002275	X002101



The Mini-Informer™ for Light & Medium Trucks

The Mini-Informer restriction gauge is designed to mount in the plastic air cleaners of passenger cars, light trucks, and sport utility vehicles. It's an accurate, durable, easy-to-read "go/no go" style indicator, smaller than the original Informer.

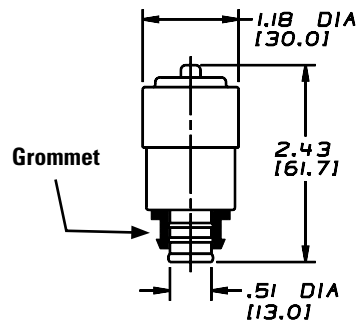


Through the clear window, a green flag shows when air filter restriction is below the service point. When the restriction reaches its limits, an orange flag imprinted with "change filter" pops up.

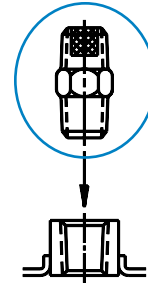
The Mini-Informer mounts in the air cleaner ducting in a rubber grommet.

The Mini-Informer™

Restriction Limit	Gauge & Grommet	Gauge Only
25" H ₂ O/6.2 kPa	X007276	X007335

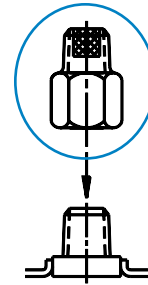


Restriction Tap Fittings



Part No. P100089

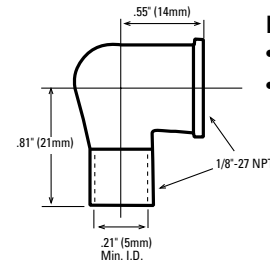
- Male threads both ends
- 1/8"-27 thread
- 0.44" (11mm) hex nut
- Internal sintered bronze safety filter



Part No. P122067

- Female threads on one end, male threads on opposite end
- 1/8"-27 thread
- Internal sintered bronze safety filter

Restriction Indicator Fitting



Part No. P105622

- 1/8"-27 threads
- 90° elbow with threaded end

Air Ram™ Inlet Hoods

- Primarily over-highway trucks
- For engine airflow of 700 to 1000+ cfm
- Improves intake system airflow and fuel economy by reducing restriction, examples:
 - at 33 mph, 53 kmh = 3.5" H₂O restriction
 - at 45-52mph, 72-74 kmh = 4" H₂O restriction
 - at 60 mph, 97 kmh = 5" H₂O restriction
- Lightweight, non-corrosive, and durable – no service needed!
- Inlet screen prevents large debris from entering intake ducting
- Side louvers ensure continuous airflow to intake system
- Common inlet sizes fit most installations
- Eliminates water from air intake system
 - at 700 cfm airflow = 90%
 - at 800 cfm airflow = 93%
 - at 1000 cfm airflow = 93%*

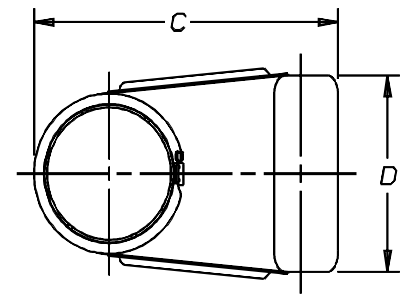
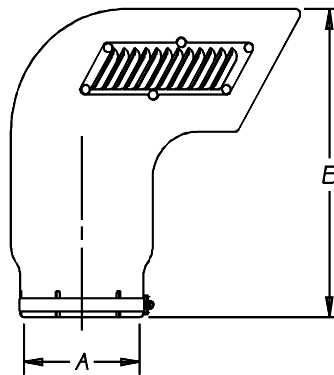
* based on item H001660



H001654
High profile model mounts on inlet stack, above and behind cab.



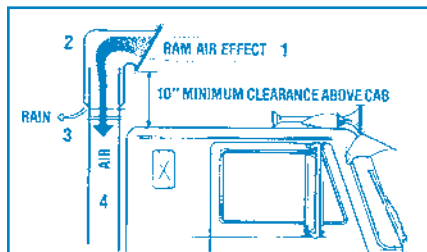
H001200
Low profile model designed for air cleaners mounted on the side of the cab.



Air Ram Inlet Hood

Part Number	Inlet Diameter (A)		Height (B)		Depth (C)		Width (D)	
	in	mm	in	mm	in	mm	in	mm
MODELS WITH LOUVERS ON SIDE								
H001660	6.06	154	14.80	376	14.85	377	8.98	228
H001654	7.06	179	15.53	394	15.63	397	9.86	250
H001661	8.06	205	16.16	410	16.95	431	10.92	277
MODELS WITHOUT LOUVERS (LOW PROFILE)								
H001200	7.06	179	6.25	159	12.03	306	13.20	335

Note: One mounting band is included with each Air Ram



How Air Ram™ Works

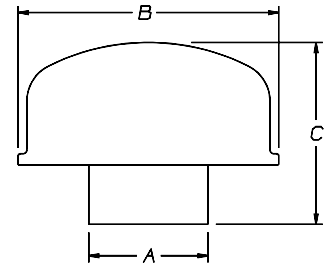
- 1- Moisture-filled air enters Air Ram.
- 2- Air is naturally forced against rear wall. Moisture sticks to the wall, separating from the air.
- 3- Moisture collects on the Air Ram wall and drains down to and out of the drain hole.
- 4- Virtually moisture-free air passes into air cleaner.

Installation Note

All Air Ram inlet hoods MUST be installed with the screen facing forward to ensure best performance. Airflow restriction will not be reduced if the Air Ram faces sideways; but if it faces backwards, restriction does increase and adversely affects engine performance.

Inlet Hoods

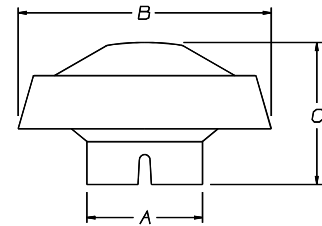
- Protects engine air intake from rain, snow, birds, and other large contaminants
- Mounts on stack or directly to air cleaner for on-road and off-road equipment
- Four styles in a wide variety of sizes
- Installs easily with one clamp. Clamp included with hood on styles B, C and D



Inlet Hood - Style A¹

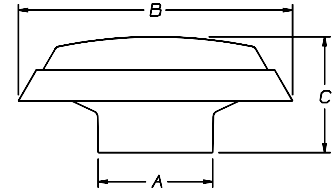
Fits O.D. (A)		Hood Dia. (B)		Height (C)		Add to Stack		Mat'l	Rain Shroud?	Weight		Part Number
inch	mm	inch	mm	inch	mm	inch	mm			lbs	kgs	
1.75	44	4.13	105	3.31	84	2.75	70	Metal	No	0.50	0.22	X002017
2.00	51	4.13	105	3.25	83	2.75	70	Metal	No	0.50	0.22	X002018
2.25	57	5.24	133	3.97	101	3.50	89	Metal	No	0.80	0.36	X002019
2.50	64	5.25	133	3.97	101	3.50	89	Metal	No	0.80	0.36	X001966
3.00	76	6.13	156	5.06	129	3.75	95	Metal	No	1.10	0.50	X002014
3.75	95	8.06	205	7.75	197	6.00	152	Metal	No	2.10	0.95	X001988
4.00	102	8.06	205	7.88	200	6.00	152	Metal	No	2.00	0.90	X002015

¹ - Clamps must be ordered separately for this style



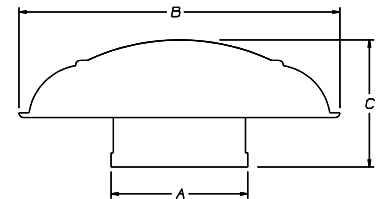
Inlet Hood - Style B

Fits O.D. (A)		Hood Dia. (B)		Height (C)		Add to Stack		Mat'l	Rain Shroud?	Weight		Part Number
inch	mm	inch	mm	inch	mm	inch	mm			lbs	kgs	
1.75	44	6.00	152	3.37	86	2.05	52	Plastic	No	0.20	0.09	H002068
2.00	51	6.00	152	3.31	84	2.50	64	Plastic	No	0.20	0.09	H001377
2.50	64	6.00	152	3.31	84	2.50	64	Plastic	No	0.20	0.09	H001378
3.00	76	6.00	152	3.31	84	2.50	64	Plastic	No	0.20	0.09	H001379



Inlet Hood - Style C

Fits O.D. (A)		Hood Dia. (B)		Height (C)		Add to Stack		Mat'l	Rain Shroud?	Weight		Part Number
inch	mm	inch	mm	inch	mm	inch	mm			lbs	kgs	
3.00	76	11.50	292	5.88	149	3.63	92	Plastic	No	1.10	0.50	H001063
3.75	95	11.50	292	5.13	130	3.63	92	Plastic	No	0.80	0.36	H000466
		11.50	292	5.13	130	3.63	92	Plastic	Yes	1.00	0.45	H000473
4.00	102	11.50	292	5.06	129	3.38	86	Plastic	No	0.90	0.40	H000467
		11.50	292	5.06	129	3.38	86	Plastic	Yes	1.00	0.45	H000472
4.50	114	11.50	292	4.88	124	3.38	86	Plastic	No	0.80	0.36	H000468
		11.50	292	4.88	124	3.38	86	Plastic	Yes	1.00	0.45	H000471
5.00	127	11.50	292	4.88	124	3.31	84	Plastic	No	0.80	0.36	H000469
		11.50	292	4.88	124	3.31	84	Plastic	Yes	1.00	0.45	H000470
		16.00	407	5.75	146	3.31	104	Plastic	Yes	1.80	0.80	H000605
5.50	140	16.00	407	5.75	146	4.94	125	Plastic	Yes	1.80	0.80	H000604
6.00	152	16.00	407	5.75	146	4.94	125	Plastic	Yes	1.80	0.80	H000606
		13.00	330	4.06	103	2.69	68	Bright	No	1.50	0.68	H001756
		16.00	406	5.69	145	4.25	108	Bright	Yes	1.50	0.68	H001948
7.00	178	12.81	325	4.81	122	3.44	87	Bright	No	1.50	0.68	H001773
		13.00	330	3.88	99	2.50	64	Bright	No	1.50	0.68	H001742
		16.00	406	5.75	146	4.09	104	Plastic	Yes	1.80	0.80	H000607
		16.00	406	5.69	145	4.25	108	Bright	Yes	1.50	0.68	H001947
8.00	203	16.00	406	6.19	157	4.69	119	Plastic	Yes	1.80	0.80	H001053
		16.00	406	6.19	157	4.60	117	Bright	Yes	1.50	0.68	H001946



Inlet Hood - Style D

Fits O.D. (A)		Hood Dia. (B)		Height (C)		Add to Stack		Mat'l	Rain Shroud?	Weight		Part Number
inch	mm	inch	mm	inch	mm	inch	mm			lbs	kgs	
4.50	114	9.50	241	4.69	119	3.69	94	Metal	No	3.20	1.44	H000170
5.00	127	9.50	241	4.69	119	3.69	94	Metal	No	3.30	1.50	H000165
6.00	152	9.50	241	4.69	119	3.69	94	Metal	No	3.10	1.40	H000275
		9.50	241	4.69	119	3.69	94	Metal	Yes	3.20	1.44	H000276
7.03	179	17.00	432	6.75	171	5.75	146	Metal	No	4.60	2.08	H000339

Stack-Top Moisture Eliminator

- For cabover trucks, on/off road, mounted on top of an intake stack
- Over 80% water removal efficiency
- Includes clamp for installation



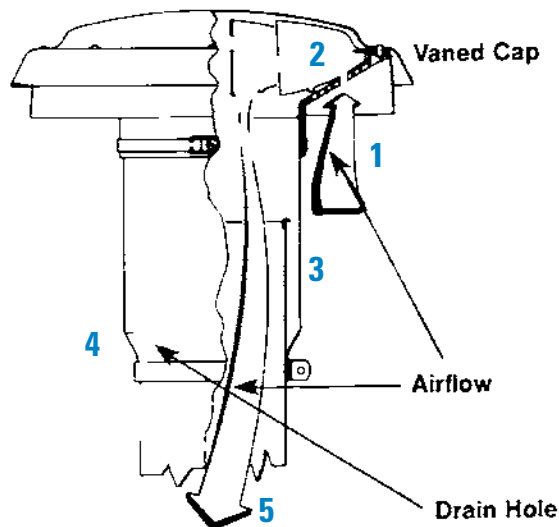
Part No. X003691

Airflow Range: 600-1200 cfm

I.D. 7.00" / 178mm

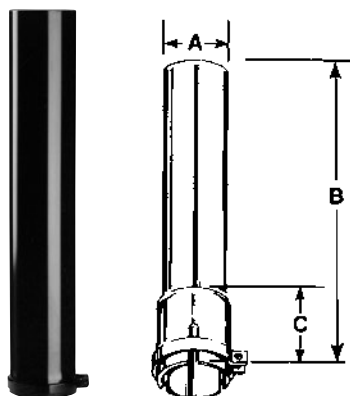
How It Works

- 1- Moisture-filled air enters the moisture eliminator cap.
- 2- Built-in, stationary vanes cause the air to spin.
- 3- Moisture is forced to the outside wall, where it separates from the air and collects.
- 4- Water drains out through the drain hole.
- 5- As a result, drier air (acceptable for maximum filter life and engine performance) passes to the air cleaner.



Air Stack Extensions

- For on-road and off-road trucks
- Helps extend filter life by elevating air inlet away from heavy dust concentrations and engine exhaust
- Installs easily and quickly with one clamp, which is included with unit
- Durable, corrosion-resistant steel construction



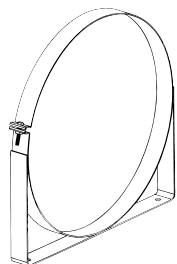
Air Stack Extensions

-(A - O.D.)-		----(B)----		----(C)----		Part Number
in	mm	in	mm	in	mm	
3.75	95	29.00	737	1.50	38	X001744
4.50	114	30.25	768	1.50	38	X001746
5.00	127	29.00	737	1.50	38	X001747
6.00	152	31.50	800	1.50	38	H000484
7.00	178	28.62	727	1.50	38	H000483

Air Cleaner Mounting Bands

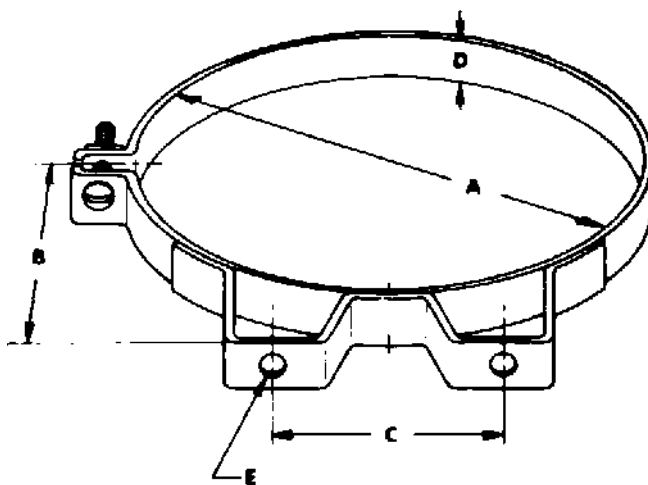


Most of our air cleaners with metal housings require two mounting bands.



Two models (H770068, H770037) have different foot band compared to others.

- Durable, corrosion resistant, steel construction
- Fully engineered and tested to resist the adverse effects of vibration
- Mounting band feet are designed to ensure maximum torque pressure, continuously
- Gauge of steel increases as diameter of mounting band increases
- Bright stainless models available
- Bolt and nut included with mounting band



Air Cleaner Mounting Bands

A		B		C		D		E		Weight		Max. Bolt Torque		Part Number
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbs-ft	N•m	
4.00	102	2.56	65	2.50	64	.75	19	.31	8	0.30	0.14	1.50	2.03	P007189
5.25	133	3.19	81	3.25	83	.88	22	.34	9	0.70	0.32	1.50	2.03	P002348
6.00	152	3.56	90	3.25	83	1.00	25	.34	9	0.80	0.36	1.50	2.03	P002351
6.50	165	3.88	99	3.75	95	.88	22	.41	10	0.70	0.32	2.00	2.71	P007191
7.00	178	4.13	105	4.50	114	.88	22	.30	8	0.80	0.36	3.00	4.07	P004906
7.75	197	4.44	113	4.25	108	1.00	25	.34	9	0.90	0.41	3.50	4.75	P003245
8.00	203	4.50	114	4.25	108	1.00	25	.34	9	1.10	0.50	4.00	5.42	P004307
9.00	229	5.13	130	4.5	114	1.25	32	.45	11	1.50	0.68	4.00	5.42	P004073
10.19	259	5.75	146	5.00	127	1.25	32	.45	11	1.50	0.68	4.00	5.42	P004076
11.00	279	6.13	156	5.00	127	1.25	32	.45	11	1.70	0.77	4.00	5.42	P004079
11.81	300	6.88	175	6.00	152	1.50	38	.41	10	2.50	1.13	4.00	5.42	H000349
13.00	330	7.25	184	6.00	152	1.50	38	.41	10	2.80	1.50	4.00	5.42	P013722
		7.25	184	6.00	152	1.50	38	.41	10	2.80	1.50	4.00	5.42	P522439*
14.00	356	8.13	207	8.00	203	1.50	38	.47	12	3.70	1.68	5.00	6.78	H000350
15.00	381	8.00	203	8.00	203	1.50	38	.47	12	4.10	1.86	6.00	8.14	P016845
		8.00	203	8.00	203	1.50	38	.47	12	4.10	1.86	6.00	8.14	P524552*
16.00	406	9.13	232	10.00	254	1.50	38	.47	12	4.75	2.16	5.00	6.78	H000351
18.00	457	9.2	234	15.75	400	1.96	50	.55	14	5.25	2.38	5.00	6.78	H770037
19.29	490	10.97	279	19.29	490	1.96	50	.55	14	6.39	2.9	5.00	6.78	H770068

* Bright Stainless Model

Mounting Bands Designed Exclusively for FPG Series Air Cleaners

Polymer Mounting Band

The one-piece, high tech polymer mounting band will securely hold the housing in position. The band has tabs on the inside circumference which fit exactly into notches on the FPG housing.

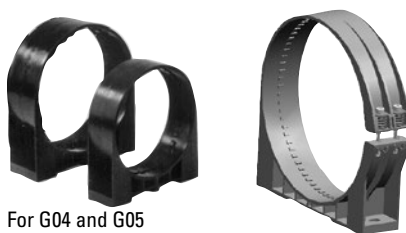
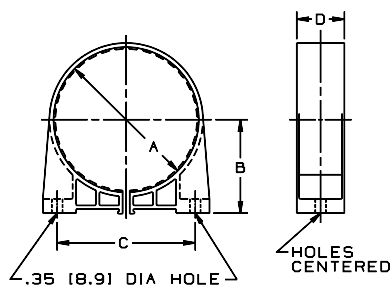
The band tightens around the air cleaner when the base of the band is bolted to a support, providing a fixed, stable mounting – even in high vibration applications.

Donaldson polymer bands are completely non-corrosive, lightweight, easy to install, and economical.

Application Note:

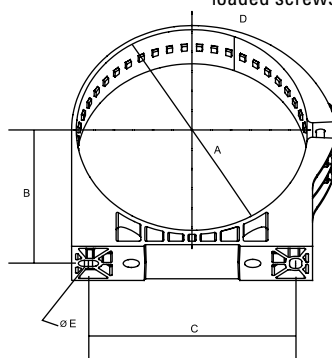
To accommodate even hard-to-fit applications, polymer bands allow the air cleaner housings to be rotated and positioned at various increments, depending upon the size:

Housing Diameter	Increment
4.80" (122mm)	11°
5.75" (146mm)	10°
6.74" (171mm)	7.5°
7.19" (183mm)	7°
8.35" (212mm)	5°



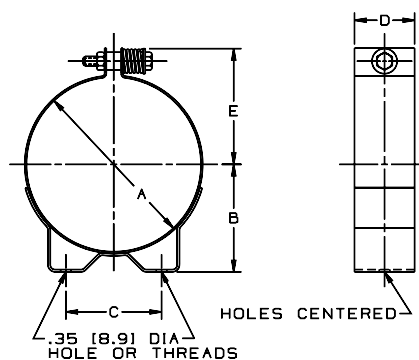
For G04 and G05 FPG Air Cleaners.

Bands for G06-G10 FPG Air Cleaners with spring loaded screws



Metal Mounting Band

The metal mounting band has a spring-loaded bolt at the top to maintain a constant hold on the housing throughout high and low temperature extremes.

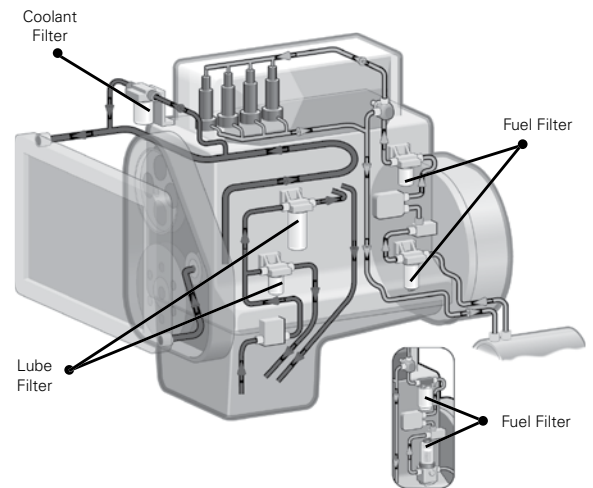
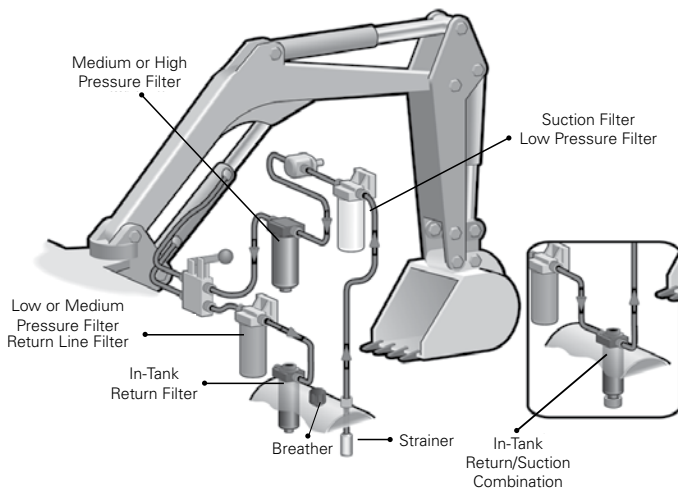
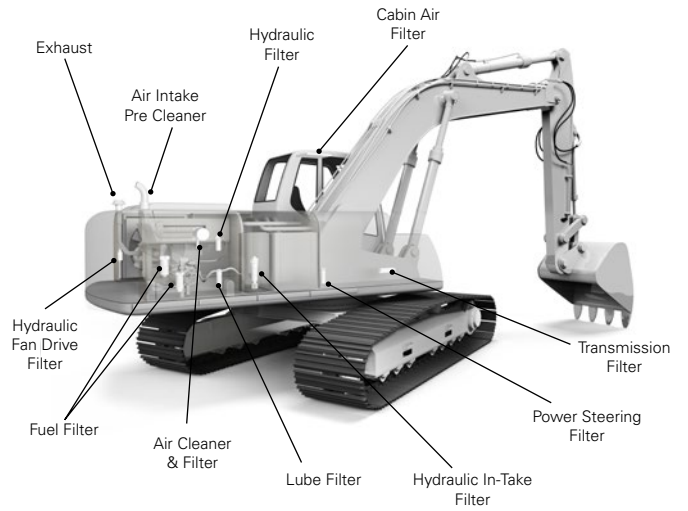
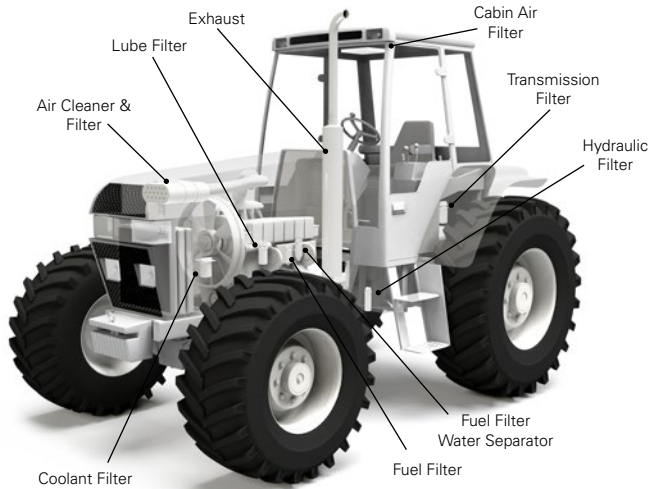
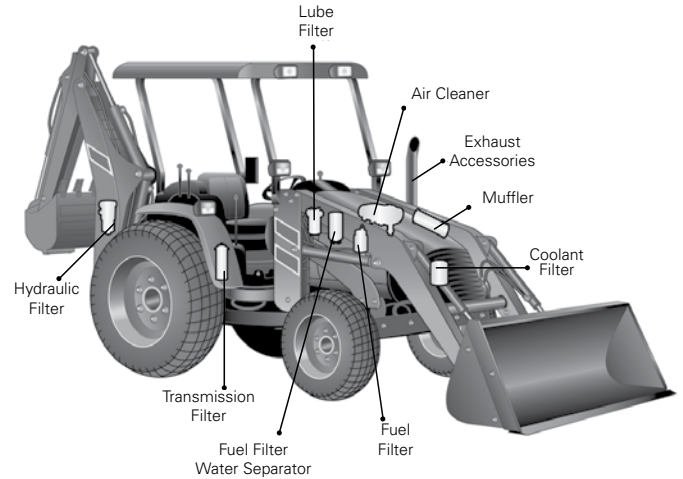
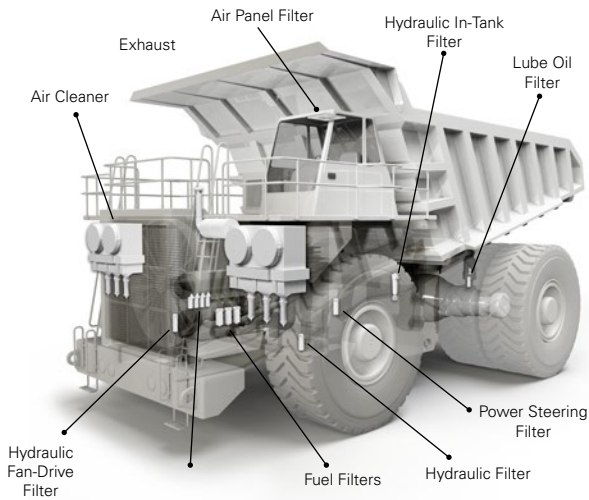


WARNING: Do not use any other mounting bands or straps with FPG air cleaners. Use of an unapproved mounting band voids warranty.

FPG Mounting Bands (Order one band per FPG air cleaner)

Part Number	A		B		C		D		E		Weight		Maximum Belt Torque	
	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kgs	lbs.-ft.	N•m
POLYMER BANDS														
P777151	4.80	122	3.09	79	4.56	116	1.57	40	n/a		0.26	118	11 lbs.-ft.	14.8 N•m
P777730	5.75	146	3.52	90	5.35	136	1.99	51	n/a		0.37	167	11 lbs.-ft.	14.8 N•m
P778810	6.79	173	3.94	100	6.00	154	1.99	51	n/a		0.40	182	11 lbs.-ft.	14.8 N•m
P777731	7.17	182	4.11	105	6.50	165	1.99	51	n/a		0.45	206	11 lbs.-ft.	14.8 N•m
P777732	8.35	212	4.70	120	7.48	190	1.99	51	n/a		0.56	253	11 lbs.-ft.	14.8 N•m
P780532 ¹	9.48	241	5.47	136	5.63	143	1.99	51	n/a					
P780594 ¹	10.55	268	5.90	150	5.63	143	3.15	80	n/a					
METAL BANDS														
H008442	4.80	122	3.07	78	2.76	70	1.57	40	3.34	85	0.70	317	12 lbs.-ft.	16.2 N•m
H008443	5.75	146	3.54	90	3.15	80	1.99	51	3.83	97	1.30	590	12 lbs.-ft.	16.2 N•m
H008441 ²	6.79	173	3.94	100	3.54	90	1.99	51	4.35	111	1.40	635	12 lbs.-ft.	16.2 N•m
H008444	6.79	173	3.94	100	3.54	90	1.99	51	4.35	111	1.40	635	12 lbs.-ft.	16.2 N•m
H002070	7.19	183	4.09	104	3.74	95	1.99	51	4.55	116	1.50	680	12 lbs.-ft.	16.2 N•m
H002023	8.13	207	4.72	120	4.33	110	1.99	51	5.14	131	1.60	726	12 lbs.-ft.	16.2 N•m

1 - Mounting bands (with spring-loaded screws) for FPG09 and FPG10 models with twist-off cover
 2 - Model H008441 has 8mm threads





Section Index

Muffler Selection by Style & Engine Exhaust Data 66

Muffler Selection by Style with Attenuation Ranges & Exhaust Flow..... 67

Use this section to select a replacement muffler by style back pressure and attenuation range.

If you're looking for a replacement for an off-road application, consider our off-road exhaust mufflers. These newer, painted, aluminized steel mufflers have some unique features as compared to our standard line. These mufflers are the ones shown in blue text.

Style 1	67
Style 2	68
Style 2A & 3	69
Style 4 & 5.....	70
Style 6	71

Muffler Dimensions by Part Number 72

Use this section to verify the dimensional characteristics of a Donaldson muffler.

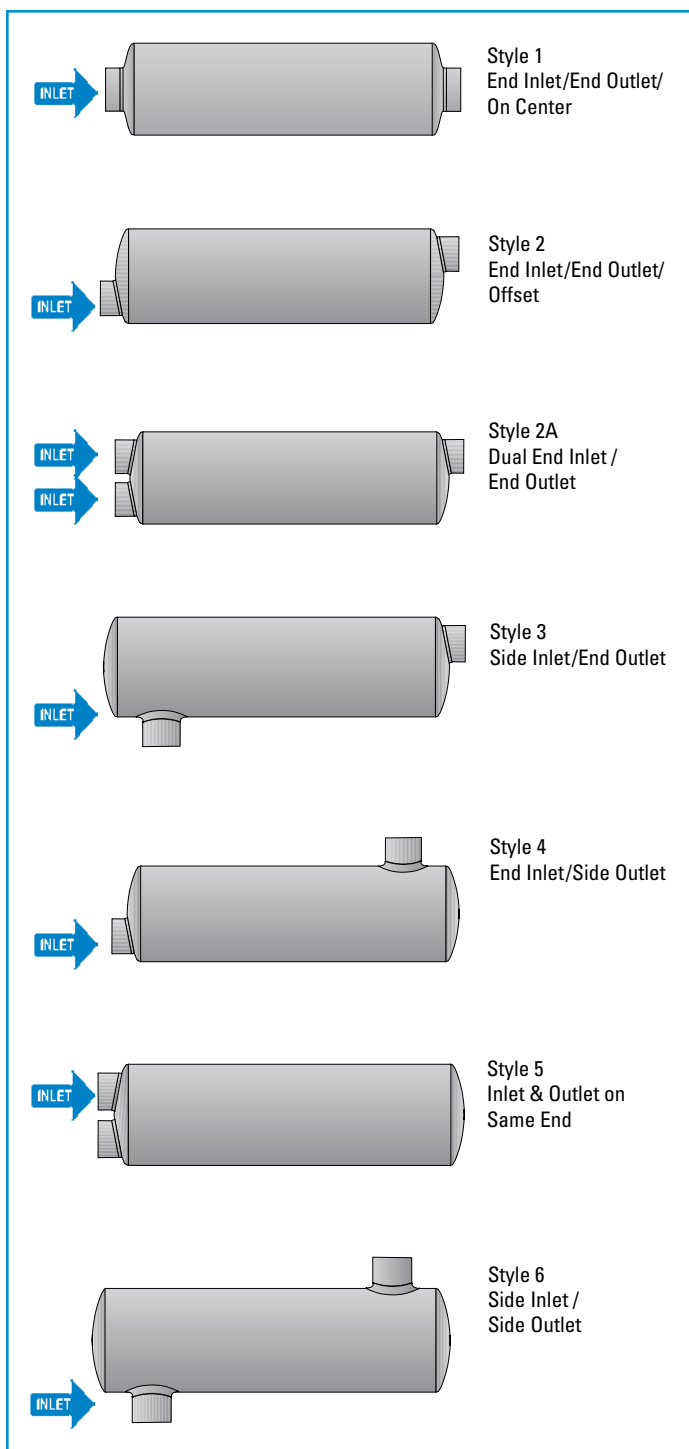
Muffler Dimensions by Style 79

Use this section to verify the dimensional characteristics of a Donaldson muffler.

Style 1	79
Style 2	82
Style 3	81
Style 4	84
Style 5	85
Style 6	86

Muffler Selection by Style & Engine Exhaust Data

MUFFLER SPECS



Selecting the Right Muffler for Your Engine

NOTE: Depending on your location, some diesel engines require the use of an emissions aftertreatment device to meet emissions regulations. In the United States, federal law prohibits the replacement of an emissions device (i.e., catalytic converter, combined catalytic converter/muffler, diesel particulate filter, etc.) with a non-emissions reducing (such as a straight pipe or conventional muffler) or un-approved emissions device. If operating the vehicle outside of the United States, make sure to check with and comply with any emission regulations for your locale.

Step 1

Determine the exhaust flow (CFM) and acceptable exhaust system backpressure of your engine, refer to your owners manual or contact your engine manufacturer for this information. To calculate exhaust flow, see our instructions on page 6.

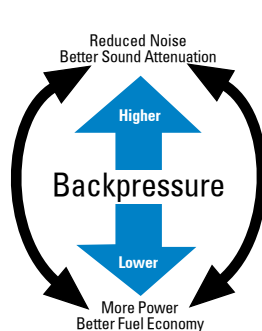
Note: If you are specifying a dual muffler system divide engine's exhaust flow (CFM) by two.

Step 2

Find your muffler style (inlet/outlet positions and shape: round or oval) using the illustrations on the left. Proceed to the same style in page 53-57.

Step 3

Within the style, choose desired inlet diameter that is at or below your exhaust flow rate AND at or below the acceptable backpressure level.



Muffler Size May Affect Backpressure:

Mufflers are key to vehicle and equipment performance because as the muffler decreases the sound, it may create more backpressure on exhaust flow. Typically, an increase in backpressure means decreased engine performance. A large muffler can be used to offset increased backpressure while maintaining overall acoustic performance.

Mufflers for Off-Road Use

Many of our mufflers are specifically designed for off-road equipment. These mufflers are shown in blue type on pages 53-59 and have the following features:

- High temperature black finish
- Mount or install in any position
- Aluminized steel construction
- All have round bodies with domed ends
- Slotted inlet/outlet connections



Choose the desired inlet diameter for the engine's air flow requirement that is at or below the acceptable backpressure level.

Style 1 - End Inlet / End Outlet / On Center

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation	Part	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	Range dB(A)	Number	3" Hg 40.8" H ₂ O	2" Hg 27.2" H ₂ O	1" Hg 13.6" H ₂ O
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060479	498	393	283
		2.10 OD	53 OD	4.38	111	12.50	318	8-12	M045237	531	433	306
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065138	780	613	441
		2.63 OD	67 OD	6.62	168	15.00	381	6-12	M065071	790	645	456
2.89	73	3.16 OD	80	8.50	216	31.75	806	15-20	M085293 ⁷	1091	891	630
3.00	76	3.00	76	8.50	216	19.75	502	12-18	M085407	1125	884	636
		3.13 OD	80 OD	8.00	203	12.18	309	10-15	M080018	835	682	482
		4.00	102	11.00	279	36.00	914	13-19	M111029	2193	1791	1266
3.50	89	3.50	89	7.00	178	14.00	356	10-15	M070028	1245	1017	719
		3.50	89	9.00	229	21.75	552	12-18	M091046	1525	1203	865
		3.50	89	9.00	229	44.50	1130	18-25	M090146	1001	817	578
4.00	102	4.00	102	8.50	216	34.37	873	12-18	M085421	2099	1714	1212
		4.00	102	8.50	216	34.37	873	8-12	M085171	3119	2546	1800
		4.00	102	9.00	229	44.44	1129	13-18	M090544	2006	1638	1158
		4.00	102	9.00	229	20.00	508	10-15	M090594	1667	1361	962
		4.00	102	10.33	262	44.50	1130	25-35	M100464 ¹	1420	1159	820
		4.00	102	10.00	254	23.75	603	12-18	M101167	2000	1570	1130
		4.00	102	10.00	254	44.44	1129	12-18	M100466	1948	1590	1125
		4.00 OD	102 OD	9.00	229	29.31	744	10-15	M090095 ⁷	1628	1330	940
		5.00	127	9.00	229	44.44	1129	15-20	M090781	2639	2155	1524
		5.00	127	10.00	254	44.44	1129	19-25	M100695	1543	1260	891
		5.00	127	5.00	127	9.00	229	20.00	508	10-15	M090595	2478	2023	1431
5.00	127			9.00	229	44.44	1129	13-18	M090074	2887	2357	1667
5.00	127			9.00	229	44.44	1129	12-17	M090535	3260	3100	2340
5.00	127			10.00	254	44.44	1129	16-23	M100944	2950	2494	1765
5.00	127			10.00	254	44.44	1129	19-25	M100582	1600	1435	1015
5.00	127			10.00	254	44.44	1129	19-25	M101159 ⁴	1650	1465	1035
5.00	127			10.00	254	44.44	1129	19-25	M101182 ³	1650	1465	1035
5.00	127			10.00	254	44.44	1129	19-25	M100580	2530	2215	1565
5.00	127			10.00	254	44.44	1129	15-20	M100465	2790	2277	1610
5.00	127			10.00	254	44.44	1129	19-25	M101158 ⁴	2625	2305	1630
5.00	127			10.00	254	44.44	1129	19-25	M101181 ³	2625	2305	1630
5.00	127			10.00	254	44.44	1129	13-18	M100463	3260	3100	2340
5.00	127			10.00	254	44.44	1129	16-23	M101263	2530	2215	1565
5.00	127			10.00	254	59.95	1522	19-25	M100807	2610	2131	1507
5.00	127			11.00	279	50.50	1283	19-25	M110849	2950	2505	1775
5.00	127	11.84	301	25.75	654	12-18	M120747	3100	2450	1762		
2 NPT		2 NPT		6.00	152	14.50	368	8-12	M060247	776	633	448
2.5 NPT		2.5NPT		6.00	152	15.00	381	8-12	M060005	773	631	446
3 NPT		3 NPT		7.00	178	14.00	356	10-15	M070008	1293	1056	747
3.5 NPT		3.5 NPT		7.00	178	18.38	467	10-15	M070050	1408	1149	813
4 NPT		4 NPT		9.00	229	20.00	508	10-15	M090009	1767	1443	1020

Mufflers in blue text have high temperature black finish and are designed for off-road applications.

1 - Wrapped muffler (reduces noise and surface temperature)
 3 - Silent Partner™ Exhaust & Engine Brake Silencer-Aluminized
 4 - Silent Partner™ Exhaust & Engine Brake Silencer-Stainless Steel
 7 - Face flange on inlet

Muffler Selection by Style, Attenuation & Exhaust Flow



Stated backpressure levels include muffler, average tubing lengths, and accessories.

Style 2 - End Inlet / End Outlet / Offset

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation	Part Number	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	Range dB(A)		3" Hg 40.8" H ₂ O	2" Hg 27.2" H ₂ O	1" Hg 13.6" H ₂ O
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060480	498	393	283
		2.00	51	6.00	152	16.90	429	15-20	M060055	515	420	297
		2.00	51	6.00	152	24.00	610	15-20	M060232	515	420	297
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065139	780	613	441
		2.50	64	6.62	168	18.56	471	15-20	M065034	709	579	409
		2.50	64	6.62	168	27.75	705	16-22	M065065	709	579	409
3.00	76	3.00	76	8.3 x 11.5	211 x 292	26.00	660	19-25	M090170	828	676	478
		3.00	76	8.50	216	19.75	502	12-18	M085408	1125	884	636
		3.00	76	8.50	216	20.50	521	15-20	M085056	1094	894	632
		3.00	76	8.50	216	27.50	699	18-22	M085078	964	787	557
		3.00	76	8.50	216	27.75	705	18-22	M085080	964	787	557
		3.00	76	8.50	216	31.25	794	17-22	M085023	1094	894	632
		3.00	76	8.5 x 11.8	216 x 300	26.00	660	19-25	M090159 ¹	828	676	478
		3.00	76	8.50	216	38.00	965	15-20	M085008	1124	918	649
3.50	89	3.50	89	8.3 x 11.5	211 x 292	26.00	660	15-20	M090158	1325	1081	765
		3.50	89	9.00	229	21.75	552	12-18	M091047	1525	1203	865
		3.50	89	8.5 x 11.8	216 x 300	26.00	660	15-20	M090210 ¹	1325	1081	765
		4.00	102	8.2 x 11.5	208 x 292	26.00	660	13-18	M090520	1719	1403	992
		4.00	102	8.2 x 11.5	208 x 292	30.00	762	13-18	M090680	1719	1403	992
		4.00	102	8.2 x 11.5	208 x 292	26.00	660	16-21	M090538	1340	1094	773
4.00	102	4.00	102	10.00	254	23.75	603	12-18	M101168	2000	1570	1130
		4.00	102	8.2 x 11.5	208 x 292	26.00	660	12-18	M090280	1719	1403	992
		4.00	102	8.2 x 11.5	208 x 292	26.00	660	13-18	M090534	1776	1450	1025
		4.00	102	10.00	254	27.12	689	15-20	M100048	1702	1390	983
		4.00	102	10.00	254	35.38	899	15-20	M100043	1702	1390	983
		4.00	102	10 x 15	254 x 381	26.00	660	15-20	M120100	1997	1631	1153
		4.00	102	10.3 x 15.3	261 x 389	42.00	1067	22-28	M120197 ¹	1386	1131	800
		4.00	102	11.00	279	30.00	762	15-20	M110012	1730	1412	999
		4.00	102	11.00	279	36.00	914	19-25	M110189	1819	1485	1050
		4 OD	102 OD	5.00	127	11.00	279	36.00	914	13-19	M111028	2393	1954	1382
5.00	127	5.00	127	10 x 15	254 x 381	26.00	660	15-20	M120225	2887	2357	1667
		5.00	127	10 x 15	254 x 381	26.00	660	15-20	M120108	2329	1902	1345
		5.00	127	10 x 15	254 x 381	36.00	914	15-20	M120365	2265	1849	1307
		5.00	127	10 x 15	254 x 381	44.00	1118	13-18	M120448	2222	1814	1283
		5.00	127	11.00	279	44.00	1118	13-18	M110077	2205	1800	1273
		5.00	127	11.84	301	25.75	654	12-18	M120748	3100	2450	1762
6.00	152	6.00	152	10 x 15	254 x 381	31.75	806	10-15	M122300	3740	3054	2159
		6.00	152	12 x 18	305 x 457	30.00	762	11-16	M140048	3765	3074	2174
		6.00	152	14 x 21	357 x 533	35.00	889	12-18	M170101	4113	3358	2375
8.00	203	8.00	203	16 x 24	406 x 607	45.00	1143	11-15	M190002	6352	5186	3667

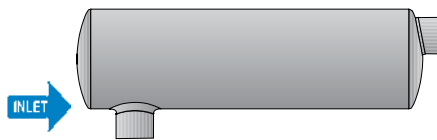
Choose the desired inlet diameter for the engine's air flow requirement that is at or below the acceptable backpressure level.



Choose the desired inlet diameter for the engine's air flow requirement that is at or below the acceptable backpressure level.

Style 2A - Dual End Inlet / End Outlet

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation	Part	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	Range dB(A)	Number	3" Hg 40.8" H ₂ O	2" Hg 27.2" H ₂ O	1" Hg 13.6" H ₂ O
2.5 (2)	64 (2)	2.75	70	8.50	216	30.00	762	15-20	M085172	685	559	395
		3.00	76	8.50	216	31.25	794	15-20	M085189 ²	875	714	505
		3 OD	76 OD	8.75	222	30.12	765	19-25	M085267 ^{2,7}	1160	947	670
2.75 (2)	70 (2)	4.00	102	8.2 x 11.5	208 x 292	27.00	686	15-18	M090563	982	802	567



Mufflers in blue text have high temperature black finish and are designed for off-road applications.

Style 3 - Side Inlet / End Outlet

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation	Part	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	Range dB(A)	Number	3" Hg 40.8" H ₂ O	2" Hg 27.2" H ₂ O	1" Hg 13.6" H ₂ O
1.68	43	1.64	42	4.38	111	13.78	350	12-18	M045193	220	180	127
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060481	498	393	283
		2.00	51	6.00	152	18.81	478	15-20	M060158	383	313	221
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065140	780	613	441
		2.50	64	6.62	168	20.89	531	15-20	M065044	564	461	326
3.00	76	3.00	76	8.50	216	19.75	502	12-18	M085409	1125	884	636
		3.00	76	8.80	224	27.12	689	15-20	M085226 ¹	808	659	466
3.02	77	3.00	76	8.50	216	26.25	667	15-20	M085090	808	659	466
3.50	89	3.00	76	8.50	216	27.00	686	12-18	M085084	801	654	462
		3.50	89	9.00	229	21.75	552	12-18	M091048	1525	1203	865
		3.50	89	8.3 x 11.5	211 x 292	26.13	664	15-20	M090301	1114	910	643
4.00	102	4.00	102	10.00	254	23.75	603	12-18	M101169	2000	1570	1130
		4.00	102	10.00	254	28.00	711	15-20	M100146	1341	1095	774
		4.00	102	11.00	279	33.00	838	15-20	M110674 ⁶	1677	1369	968
		4.00	102	11.00	279	36.00	914	19-25	M110479	1608	1313	928
		5.00	127	9.00	229	44.50	1130	15-20	M090823	2329	1902	1345
		5.00	127	11.84	301	32.13	816	12-18	M120598	2264	1848	1307
		5.00	127	10 x 15	254 x 381	21.00	533	12-17	M120566	2205	1800	1273
		3.85 OD	98 OD	10 x 15	254 x 381	15.00	381	12-18	M120382	2265	1849	1307
Down Spout		11.00	279	36.00	914	13-19	M111024	1702	1390	983		
5.00	127	5.00	127	10.00	254	44.50	1130	13-18	M100213	2415	1972	1394
		5.00	127	11.84	301	25.75	654	12-18	M120749	3100	2450	1762
		5.00	127	10 x 15	254 x 381	35.87	911	15-20	M120235	2098	1713	1211

1 - Wrapped muffler (reduces noise and surface temperature)
 2 - Stainless Steel
 6 - Band clamp on inlet tube
 7 - Face flange on inlet

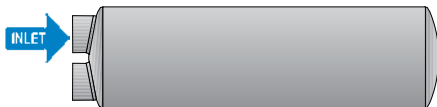
Muffler Selection by Style, Attenuation & Exhaust Flow



Stated backpressure levels include muffler, average tubing lengths, and accessories.

Style 4 - End Inlet / Side Outlet

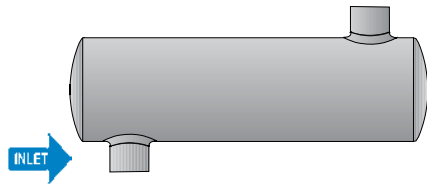
-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation	Part Number	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	Range dB(A)		3" Hg 40.8" H ₂ O	2" Hg 27.2" H ₂ O	1" Hg 13.6" H ₂ O
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060481	498	393	283
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065140	780	613	441
3.00	76	3.00	76	8.50	216	19.75	502	12-18	M085409	1125	884	636
		3.00	76	8.50	216	26.25	667	15-20	M085206	715	583	413
3.50	89	3.50	89	9.00	229	21.75	552	12-18	M091048	1525	1203	865
		4.00	102	8.2 x 11.5	208 x 292	32.56	827	13-18	M090547	1500	1224	866
		4.00 OD	102 OD	8.2 x 11.5	208 x 292	32.56	827	13-18	M090548	1913	1562	1105
4.00	102	4.00	102	10.00	254	23.75	603	12-18	M101169	2000	1570	1130
		4.00	102	10.00	254	27.75	705	13-18	M100052	1679	1371	969
		4.00	102	11.00	279	36.00	914	15-21	M110112	1852	1512	1069
		4.00	102	11.00	279	36.00	914	15-21	M110148	1852	1512	1069
		4.00 OD	102 OD	11.00	279	36.00	914	15-21	M110311	1852	1512	1069
		4.00	102	10 x 15	254 x 381	30.38	772	15-20	M120367	1708	1394	986
		4.00	102	10 x 15	254 x 381	23.88	556	14-19	M120135	2100	1750	1260
4.00 OD	102 OD	4.00 OD	102 OD	11.00	279	36.00	914	15-21	M111025	1976	1613	1141
5.00	127	5.00	127	11.00	279	46.00	1168	15-20	M110014	2462	2010	1421
		5.00	127	11.84	301	25.75	654	12-18	M120749	3100	2450	1762
		5.00	127	10 x 15	254 x 381	36.00	914	15-20	M120366	2400	1960	1386



Mufflers in blue text have high temperature black finish and are designed for off-road applications.

Style 5 - Inlet & Outlet on Same End

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation	Part Number	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm	Range dB(A)		3" Hg 40.8" H ₂ O	2" Hg 27.2" H ₂ O	1" Hg 13.6" H ₂ O
2.00	51	2.00	51	6.00	152	15.75	400	12-18	M060482	498	393	283
		2.00	51	6.00	152	16.90	429	15-20	M060250	513	419	296
2.50	64	2.50	64	6.62	168	17.75	451	12-18	M065141	780	613	441
		2.50	64	6.62	168	20.00	508	15-20	M065073	718	586	414
3.00	76	3.00	76	8.50	216	22.00	559	15-20	M085207	1087	888	628
		3.00	76	8.50	216	19.75	502	12-18	M085410	1125	884	636
3.50	89	3.50	89	9.00	229	21.75	552	12-18	M091049	1525	1203	865
4.00	102	4.00	102	10.00	254	23.75	603	12-18	M101170	2000	1570	1130
		4.00	102	10.00	254	27.75	705	15-20	M100049	1450	1184	837
		4.00	102	10 x 15	254 x 381	26.00	660	18-20	M120154	1390	1135	803
		5.00	127	10 x 15	254 x 381	27.00	686	15-20	M120713	2069	1689	1159
5.00	127	5.00	127	10 x 15	254 x 381	26.25	667	15-20	M120176	2046	1670	1181
		5.00	127	10 x 15	254 x 381	26.00	660	8-12	M120131	2913	2378	1682
		5.00	127	10 x 15	254 x 381	33.38	848	19-25	M120189	2050	1674	1184
		5.00	127	10 x 15	254 x 381	44.00	1118	13-18	M120450	2679	2188	1547
		5.00	127	11.84	301	25.75	654	12-18	M120750	3100	2450	1762



Stated backpressure levels include muffler, average tubing lengths, and accessories.

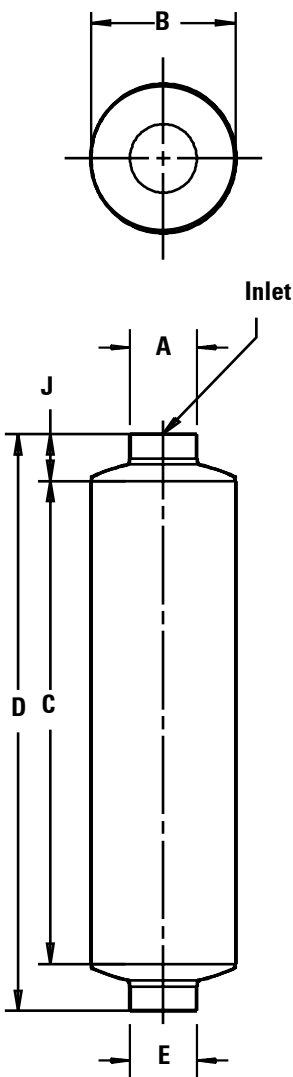
Style 6 - Side Inlet / Side Outlet

-- Inlet I.D. --		--- Outlet I.D. ---		Body Diameter		Body Length		Attenuation Range dB(A)	Part Number	----- Exhaust Flow (cfm) @ -----		
inch	mm	inch	mm	inch	mm	inch	mm			3" Hg 40.8" H ₂ O	2" Hg 27.2" H ₂ O	1" Hg 13.6" H ₂ O
2.00	51	2.00	51	6.00	152	15.50	394	12-18	M060483	498	393	283
		2.00	51	6.00	152	18.81	478	12-18	M060251	487	398	281
2.50	64	2.50	64	6.62	168	17.50	444	12-18	M065142	780	613	441
		2.50	64	6.62	168	20.81	529	15-20	M065074	692	565	400
3.00	76	3.00	76	8.50	216	19.50	495	12-18	M085411	1125	884	636
		3.00	76	8.50	216	27.00	686	15-20	M085208	1043	858	602
3.50	89	3.50	89	8.3 x 11.5	211 x 292	26.00	660	15-20	M090598	1164	950	672
		3.50	89	9.00	229	21.50	546	12-18	M091050	1525	1203	865
4.00	102	4.00	102	10.00	254	23.50	597	12-18	M101171	2000	1570	1130
		4.00	102	10.12	257	28.00	711	15-20	M100572	1659	1355	958
		4 OD	102 OD	11.00	279	36.00	914	13-19	M111026	1887	1541	1090
5.00	127	5.00	127	11.84	301	25.50	648	12-18	M120751	3100	2450	1762
		5.00	127	10 x 15	254 x 381	28.00	711	15-20	M120418	2350	1919	1357

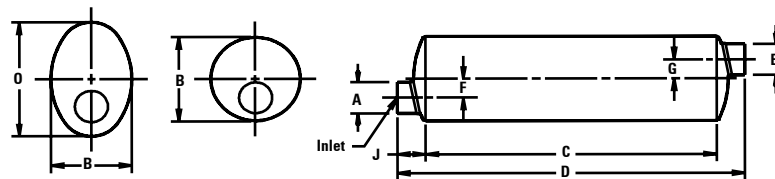
Mufflers in blue text have high temperature black finish and are designed for off-road applications.

Choose the desired inlet diameter for the engine's air flow requirement that is at or below the acceptable backpressure level.

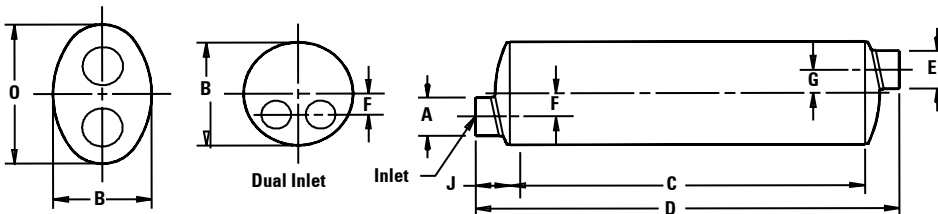
Style 1 - End Inlet / End Outlet / On Center



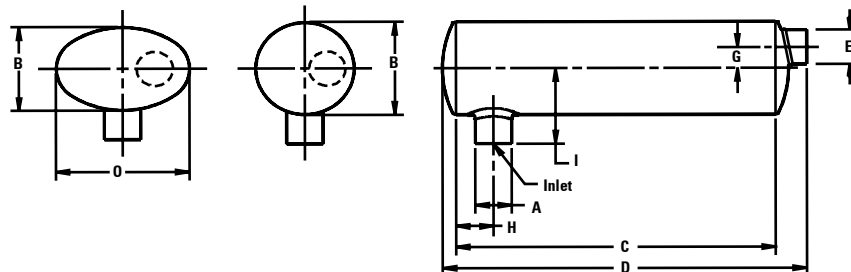
Style 2 - End Inlet / End Outlet / Offset



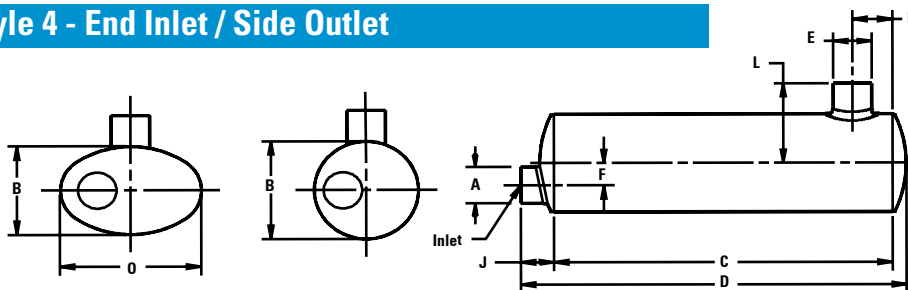
Style 2A - Dual End Inlet / End Outlet



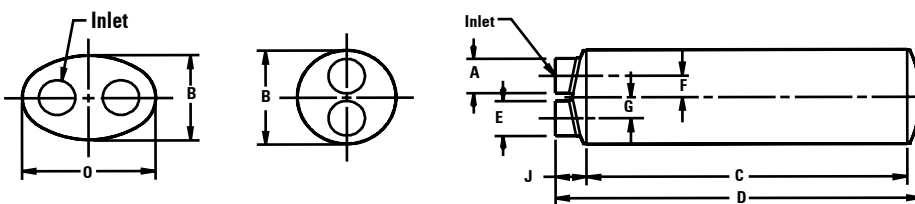
Style 3 - Side Inlet / End Outlet



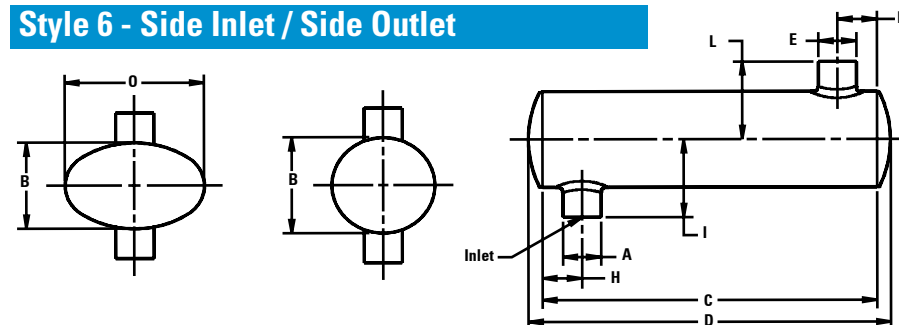
Style 4 - End Inlet / Side Outlet



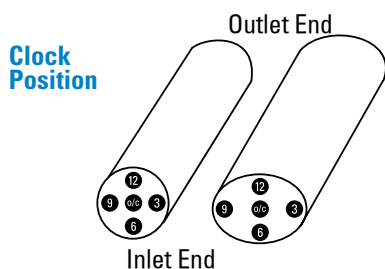
Style 5 - Inlet & Outlet on Same End



Style 6 - Side Inlet / Side Outlet



Part Number	Muffler Style	Body				Outlet I.D. (E)	Offset		Inlet Tube			Outlet Tube from End Center		Clock Position		Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	End Center (K)	Center (L)	Inlet	Outlet	
M045193	3	1.68 43	4.38 111	13.78 350	15.78 401	1.64 42			2.75 70	4.00 102				12:00		4 2
M045237	1	2.00 51	4.38 111	12.50 318	17.00 432	2.10 OD 53 OD					2.50 64					4 2
M060005	1	2.5 NPT	6.00 152	15.00 381	18.12 460	2.5NPT					1.56 40					9 4
M060055	2	2.00 51	6.00 152	16.90 429	21.90 556	2.00 51	1.50 38	1.50 38			2.50 64			6:00 12:00		7 3
M060158	3	2.00 51	6.00 152	18.81 478	21.50 546	2.00 51		1.50 38	3.50 89	5.00 127				3:00 6:00		9 4
M060232	2	2.00 51	6.00 152	24.00 610	29.00 737	2.00 51	1.50 38	1.50 38			2.50 64			6:00 12:00		9 4
M060247	1	2 NPT	6.00 152	14.50 368	20.00 508	2 NPT					2.75 70					7 3
M060250	5	2.00 51	6.00 152	16.90 429	19.40 493	2.00 51	1.50 38	1.50 38			2.50 64			6:00 12:00		8 4
M060251	6	2.00 51	6.00 152	18.81 478	18.81 478	2.00 51			3.50 89	5.00 127		3.50 89	5.00 127	6:00 12:00		8 4
M060479 ⁹	1	2.00 51	6.00 152	15.75 400	21.00 533	2.00 51					2.62 67					7.6 3.4
M060480 ⁸	2	2.00 51	6.00 152	15.75 400	21.00 533	2.00 51	1.50 38	1.50 38			2.62 67			6:00 12:00		7.6 3.4
M060481 ⁹	3/4	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51			1.88 48	5.00 127				6:00		7.6 3.4
M060482 ⁹	5	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51	1.50 38	1.50 38			2.62 67					8.4 3.8
M060483 ⁸	6	2.00 51	6.00 152	15.50 394	17.24 438	2.00 51			1.75 44	5.00 127		1.75 44	5.00 127	6:00 12:00		7.4 3.4
M065034	2	2.50 64	6.62 168	18.56 471	23.00 584	2.50 64	1.62 41	1.62 41			1.50 38			6:00 12:00		9 4
M065044	3	2.50 64	6.62 168	20.89 531	23.50 597	2.50 64		1.62 41	3.50 89	6.00 152				6:00 9:00		12 5
M065065	2	2.50 64	6.62 168	27.75 705	35.00 889	2.50 64	1.62 41	1.62 41			3.50 89			6:00 12:00		13 6
M065071	1	2.50 64	6.62 168	15.00 381	22.00 559	2.60 OD 66 OD					3.50 89					7 3
M065073	5	2.50 64	6.62 168	20.00 508	21.50 546	2.50 64	1.62 41	1.62 41			1.50 38			6:00 12:00		10 5
M065074	6	2.50 64	6.62 168	20.81 529	20.81 529	2.50 64			3.50 89	6.00 152		3.50 89	6.00 152	6:00 12:00		10 5
M065138 ⁸	1	2.50 64	6.62 168	17.75 451	24.00 610	2.50 64					3.12 79					9.8 4.5
M065139 ⁸	2	2.50 64	6.62 168	17.75 451	24.00 610	2.50 64	1.62 41	1.62 41			3.12 79			6:00 12:00		9.8 4.5
M065140 ⁹	3/4	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64			2.38 60	5.75 146				6:00		10 4.5
M065141 ⁸	5	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64	1.63 41	1.63 41			3.12 79			6:00 12:00		10.6 4.8
M065142 ⁸	6	2.50 64	6.62 168	17.50 444	19.84 504	2.50 64			2.50 64	5.75 146		2.25 57	5.75 146	6:00 12:00		9.4 4.2



Footnotes

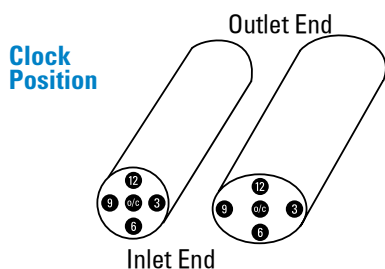
- 1 Wrapped muffler (reduces noise and surface temperature)
- 2 Stainless Steel
- 3 Silent Partner™ Muffler -Aluminized
- 4 Silent Partner™ Muffler -Stainless Steel
- 5 Resonator
- 6 Band clamp on inlet tube
- 7 Face flange on inlet
- 8 Made for off-road use
- 9 Made for off-road use, flows in either direction

Muffler Specification by Part Number

MUFFLER SPECS

Part Number	Muffler Style	Body				Outlet I.D. (E)	Offset		Inlet Tube			Outlet Tube from End Center		Clock Position		Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	End Center (K)	(L)	Inlet	Outlet	
M070008	1	3 NPT	7.00 178	14.00 356	19.75 502	3 NPT					2.38 60					13 6
M070028	1	3.50 89	7.00 178	14.00 356	19.75 502	3.50 89					2.38 60					10 5
M070050	1	3.5 NPT	7.00 178	18.38 467	25.62 651	3.5 NPT					3.00 76					18 8
M080018	1	3.00 76	8.00 203	12.18 309	17.00 432	3.13 OD 80 OD					1.38 35					10 5
M085008	2	3.50 89	8.50 216	38.00 965	43.00 1092	3.00 76	1.75 44	2.00 51			2.50 64			6:00 12:00		23 10
M085023	2	3.00 76	8.50 216	31.25 794	36.25 921	3.00 76	2.00 51	2.00 51			2.50 64			6:00 12:00		19 9
M085056	2	3.00 76	8.50 216	20.50 521	25.00 635	3.00 76	2.00 51	2.00 51			1.50 38			6:00 12:00		14 6
M085078	2	3.00 76	8.50 216	27.50 699	32.00 813	3.00 76	2.00 51	2.00 51			1.50 38			6:00 12:00		20 9
M085080	2	3.00 76	8.50 216	27.75 705	33.75 857	3.00 76	2.00 51	2.00 51			3.50 89			6:00 6:00		20 9
M085084	3	3.50 89	8.50 216	27.00 686	29.50 749	3.00 76		2.00 51	4.50 114	7.25 184				3:00 6:00		20 9
M085090	3	3.02 77	8.50 216	26.25 667	29.50 749	3.00 76		2.00 51	3.50 89	6.75 171				3:00 6:00		20 9
M085171	1	4.00 102	8.50 216	34.37 873	40.00 1016	4.00 102					2.50 64					21 10
M085172	2A	2.50 (2) 64 (2)	8.50 216	30.00 762	39.00 991	2.75 70	1.62 (2) 41 (2)	2.00 51			2.50 (2) 64 (2)			6:00(2) 6:00		24 11
M085189 ²	2A	2.50 (2) 64 (2)	8.50 216	31.25 794	36.25 921	3.00 76	1.62 (2) 41 (2)	2.00 51			2.50 (2) 64 (2)			6:00 (2) 12:00		23 10
M085206	4	3.00 76	8.50 216	26.25 667	29.50 749	3.00 76	2.00 51				3.25 83	3.50 89	6.75 171	6:00 9:00		20 9
M085207	5	3.00 76	8.50 216	22.00 559	23.50 597	3.00 76	2.00 51	2.00 51			1.50 38			6:00 12:00		16 7
M085208	6	3.00 76	8.50 216	27.00 686	27.00 686	3.00 76			3.50 89	6.75 171		3.50 89	6.75 171	6:00 12:00		17 8
M085226 ¹	3	3.00 76	8.80 224	27.12 689	29.56 751	3.00 76		2.00 51	4.56 116	6.75 171				3:00 6:00		28 13
M085267 ^{1,2}	2A	2.50 (2) ⁷ 64 (2) ⁷	8.75 222	30.12 765	38.97 990	3 OD 76 OD	1.62 (2) 41 (2)	2.00 51			5.72/3.22 146/82			6:00 (2) 12:00		32 15
M085293	1	2.89 ⁷ 73 ⁷	8.50 216	31.75 806	46.25 1175	3.16 OD 80 OD										28 12
M085407 ⁸	1	3.00 76	8.50 216	19.75 502	26.50 673	3.00 76					3.38 86					15.2 7
M085408 ⁸	2	3.00 76	8.50 216	19.75 502	26.50 673	3.00 76	2.00 51	2.00 51			3.38 86			6:00 12:00		15.2 7
M085409 ⁹	3/4	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76			2.88 73	6.50 165				6:00		15.4 7
M085410 ⁸	5	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76	2.00 51	2.00 51			3.38 86			6:00 12:00		17 7.7
M085411 ⁸	6	3.00 76	8.50 216	19.50 495	21.78 553	3.00 76			3.00 76	6.50 165		3.00 76	6.50 165	6:00 12:00		14.2 6.4
M085421	1	4.00 102	8.50 216	34.37 873	40.00 1016	4.00 102					2.50 64					21 10
M090009	1	4 NPT	9.00 229	20.00 508	26.00 660	4 NPT					3.00 76					23 10
M090072 ⁵	1	5.00 127	9.00 229	10.00 254	16.50 419	5.00 127					3.00 76					9 4

Part Number	Muffler Style	----- Body -----				Outlet I.D. (E)	---- Offset ----		----- Inlet Tube -----			Outlet Tube from End Center (K)		Clock Position Inlet	Outlet	Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxD)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	End Center (L)				
M090074	1	5.00 127	9.00 229	44.44 1129	51.00 1295	5.00 127					3.00 76					29 13
M090095	1	4.00 ⁷ 102 ⁷	9.00 229	29.31 744	73.00 1854	4 OD 102 OD										33 15
M090146	1	3.50 89	9.00 229	44.50 1130	51.00 1295	3.50 89					3.00 76					32 15
M090158	2	3.50 89	8.3 x 11.5 211 x 292	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00 9:00		24 11
M090159 ¹	2	3.00 76	8.5 x 11.8 216 x 300	26.00 660	33.75 857	3.00 76	2.50 64	2.50 64			3.88 99			3:00 3:00		29 13
M090170	2	3.00 76	8.3 x 11.5 211 x 292	26.00 660	33.75 857	3.00 76	2.50 64	2.50 64			3.88 99			3:00 3:00		20 9
M090210 ¹	2	3.50 89	8.5 x 11.8 216 x 300	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00 9:00		34 15
M090280	2	4.00 102	8.2 x 11.5 208 x 292	26.00 660	32.25 819	4.00 102	2.50 64	2.50 64			3.12 79			3:00 9:00		22 10
M090301	3	3.50 89	8.3 x 11.5 211 x 292	26.13 664	29.25 743	3.50 89		2.50 64	3.25 83	7.00 178				6:00 9:00		23 10
M090362 ⁵	1	4.00 102	9.00 229	10.00 254	16.50 419	4.00 102					3.00 76					9 4
M090520	2	3.50 89	8.2 x 11.5 208 x 292	26.00 660	32.25 819	4.00 102	2.50 64	2.50 64			3.12 79			3:00 9:00		21 10
M090534	2	4.00 102	8.2 x 11.5 208 x 292	26.00 660	33.75 857	4.00 102	2.50 64	2.50 64			3.88 99			3:00 9:00		26 12
M090535	1	5.00 127	9.00 229	44.44 1129	51.00 1295	5.00 127					3.00 76					30 14
M090538	2	4.00 102	8.2 x 11.5 208 x 292	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00 12:00		26 12
M090544	1	4.00 102	9.00 229	44.44 1129	51.00 1295	4.00 102					3.00 76					27 12
M090547	4	3.50 89	8.2 x 11.5 208 x 292	32.56 827	35.16 893	4.00 102	2.50 64				2.60 66	20.48 520	6.00 152	9:00 7:00		22 10
M090548	4	3.50 89	8.2 x 11.5 208 x 292	32.56 827	35.16 893	4 OD 102 OD	2.50 64				2.60 66	20.48 520	8.70 221	3:00 7:30		21 10
M090563	2A	2.75 (2) 70 (2)	8.2 x 11.5 208 x 292	27.00 686	32.75 832	4.00 102	0.15/4.00 9/102	2.50 64			2.63 (2) 67 (2)			9:00-3:00 3:00		22 10
M090594	1	4.00 102	9.00 229	20.00 508	26.50 673	4.00 102					3.00 76					14 6
M090595	1	5.00 127	9.00 229	20.00 508	26.50 673	5.00 127					3.00 76					15 7
M090598	6	3.50 89	8.3 x 11.5 211 x 292	26.00 660	26.00 660	3.50 89			3.38 86	7.00 178		3.38 86	7.00 178	6:00 12:00		20 9
M090680	2	3.50 89	8.2 x 11.5 208 x 292	30.00 762	36.25 921	4.00 102	2.50 64	2.50 64			3.12 79			3:00 9:00		25 11
M090781	1	4.00 102	9.00 229	44.44 1129	51.00 1295	5.00 127					3.00 76					30 14
M090823	3	4.00 102	9.00 229	44.50 1130	48.00 1219	5.00 127			3.81 97	6.69 170				6:00		30 13
M091046 ⁸	1	3.50 89	9.00 229	21.75 552	29.00 737	3.50 89					3.62 89					15.8 7.2



Footnotes

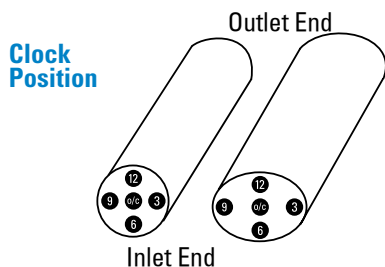
- 1 Wrapped muffler (reduces noise and surface temperature)
- 2 Stainless Steel
- 3 Silent Partner™ Muffler -Aluminized
- 4 Silent Partner™ Muffler -Stainless Steel
- 5 Resonator
- 6 Band clamp on inlet tube
- 7 Face flange on inlet
- 8 Made for off-road use
- 9 Made for off-road use, flows in either direction

Muffler Specification by Part Number

MUFFLER SPECS

Part Number	Muffler Style	Body				Outlet I.D. (E)	Offset		Inlet Tube			Outlet Tube from End Center		Clock Position		Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	End Center (K)	End Center (L)	Inlet	Outlet	
M091047 ⁸	2	3.50 89	9.00 229	21.75 552	29.00 737	3.50 89	2.10 53	2.10 53			3.62 89			6:00	12:00	15.8 7.2
M091048 ⁹	3/4	3.50 89	9.00 229	21.75 552	26.38 670	3.50 89			3.38 86	7.25 184				6:00		15.9 7.2
M091049 ⁸	5	3.50 89	9.00 229	21.75 552	26.44 672	3.50 89	2.10 53	2.10 53			3.62 89			6:00	12:00	17.3 7.9
M091050 ⁸	6	3.50 89	9.00 229	21.50 546	23.64 600	3.50 89			3.25 83	7.25 184		3.25 83	7.25 184	6:00	12:00	15.1 6.9
M100043	2	4.00 102	10.00 254	35.38 899	41.75 1060	4.00 102	2.44 62	2.44 62			2.88 73			6:00	12:00	32 15
M100048	2	4.00 102	10.00 254	27.12 689	33.50 851	4.00 102	2.44 62	2.44 62			2.88 73			6:00	12:00	27 12
M100049	5	4.00 102	10.00 254	27.75 705	30.62 778	4.00 102	2.44 62	2.44 62			2.88 73			12:00	6:00	23 10
M100052	4	4.00 102	10.00 254	27.75 705	30.75 781	4.00 102	2.44 62				3.00 76	24.25 616	8.75 222	6:00	2:00	25 11
M100146	3	4.00 102	10.00 254	28.00 711	32.00 813	4.00 102		2.44 62	4.50 114	8.00 203				6:00	9:00	27 12
M100213	3	5.00 127	10.00 254	44.50 1130	48.00 1219	5.00 127			5.50 140	7.50 191				6:00		33 15
M100463	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					31 14
M100464 ¹	1	4.00 102	10.33 262	44.50 1130	51.00 1295	4.00 102					3.00 76					52 24
M100465	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					28 13
M100466	1	4.00 102	10.00 254	44.44 1129	51.00 1295	4.00 102					3.00 76					27 12
M100572	6	4.00 102	10.12 257	28.00 711	30.62 778	4.00 102			4.50 114	8.00 203		4.50 114	8.00 203	6:00	12:00	22 10
M100580	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					29 13
M100582	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					31 14
M100695	1	4.00 102	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					30 14
M100807	1	5.00 127	10.00 254	59.94 1522	66.50 1689	5.00 127					3.00 76					48 22
M100944	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					32 15
M101158 ⁴	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					43 20
M101159 ⁴	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					43 20
M101167 ⁸	1	4.00 102	10.00 254	23.75 603	32.00 813	4.00 102					4.12 105					19.3 8.8
M101168 ⁸	2	4.00 102	10.00 254	23.75 603	32.00 813	4.00 102	2.44 62	2.44 62			4.12 105			6:00	12:00	19.3 8.8
M101169 ⁹	3/4	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102			3.88 99	8.00 203				6:00		19.8 9
M101170 ⁹	5	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102	2.44 62	2.44 62			4.12 105			6:00	12:00	22 10
M101171 ⁸	6	4.00 102	10.00 254	23.50 597	26.24 666	4.00 102			3.75 95	8.00 203		3.75 95	8.00 203	6:00	12:00	19.1 8.7
M101181 ³	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					43 20
M101182 ³	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127					3.00 76					43 20

Part Number	Muffler Style	----- Body -----				Outlet I.D. (E)	---- Offset ----		----- Inlet Tube -----			Outlet Tube from End Center (L)		Clock Position		Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	Inlet	Outlet	Inlet	Outlet	
M101263	1	5.00 127	10.00 254	44.44 1129	53.00 1346	5.00 127					3.00 76					31 14
M110012	2	4.00 102	11.00 279	30.00 762	36.00 914	4.00 102	2.50 64	2.50 64			3.00 76			6:00 12:00		26 12
M110014	4	5.00 127	11.00 279	46.00 1168	51.75 1314	5.00 127	2.50 64				4.25 108	38.50 978	8.50 216	6:00 12:00		45 20
M110077	2	5.00 127	11.00 279	44.00 1118	50.00 1270	5.00 127	2.50 64	2.50 64			3.00 76			6:00 12:00		44 20
M110112	4	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64				3.00 76	15.97 406	8.64 219	6:00 9:00		29 13
M110148	4	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64				3.00 76	17.25 438	8.64 219	6:00 12:00		29 13
M110189	2	4.00 102	11.00 279	36.00 914	41.25 1048	4.00 102	2.50 64	2.50 64			2.63 67			6:00 12:00		34 15
M110311	4	4.00 OD 102	11.00 279	36.00 914	41.00 1041	4.00 102	2.50 64				5.00 127	27.10 688	8.64 219	6:00 12:00		27 12
M110479	3	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102		2.50 64	4.25 108	8.64 219				6:00 3:00		31 14
M110674 ⁶	3	4.00 102	11.00 279	33.00 838	36.00 914	4.00 102			3.75 95	8.64 219				6:00		27 12
M110849	1	5.00 127	11.00 279	50.50 1283	57.00 1448	5.00 127					3.00 76					48 22
M111024	3	4.00 102	11.00 279	36.00 914	44.59 1133	Down Spout			3.75 95	8.64 219				12:00 6:00		34 15
M111025	4	4 OD 102 OD	11.00 279	36.00 914	41.00 1041	4 OD 102 OD					5.00 127	19.66 499	10.50 267	6:00		27 12
M111026	6	4.00 102	11.00 279	36.00 914	36.00 914	4 OD 102 OD			3.75 95	8.64 219		9.23 234	9.50 241	12:00 9:00		29 13
M111028	2	4 OD 102 OD	11.00 279	36.00 914	44.00 1118	5.00 127	2.50 64				5.00 127			12:00		36 16
M111029	1	3.00 76	11.00 279	36.00 914	42.00 1067	4.00 102					3.00 76					34 15
M120100	2	4.00 102	10 x15 254 x 381	26.00 660	32.50 826	4.00 102	4.25 108	4.25 108			3.25 83			3:00 9:00		30 14
M120108	2	5.00 127	10 x15 254 x 381	26.00 660	32.50 826	5.00 127	3.12 79	3.12 79			3.25 83			3:00 9:00		34 15
M120131	5	5.00 127	10 x15 254 x 381	26.00 660	29.39 747	5.00 127	3.12 79	3.12 79			3.25 83			3:00 9:00		32 15
M120135	4	4.00 102	10 x15 254 x 381	21.88 556	24.75 629	4.00 102	4.25 108				2.88 73	7.25 184	9.80 249	3:00 9:00		25 11
M120154	5	4.00 102	10 x15 254 x 381	26.00 660	28.38 721	4.00 102	4.25 108	4.25 108			2.25 57			3:00 9:00		31 14
M120176	5	5.00 127	10 x15 254 x 381	26.25 667	29.38 746	5.00 127	3.12 79	3.12 79			3.00 76			3:00 9:00		29 13
M120189	5	5.00 127	10 x15 254 x 381	33.38 848	39.50 1003	5.00 127	3.59 91	3.59 91			4.44 113			3:00 9:00		46 21
M120197 ¹	2	4.00 102	10.3 x15.3 261 x 389	36.00 914	42.00 1067	4.00 102	4.25 108	0.50 13			3.00 76			3:00 9:00		58 26
M120225	2	5.00 127	10 x15 254 x 381	26.00 660	32.50 826	5.00 127	3.12 79	3.12 79			3.25 86			3:00 9:00		31 14



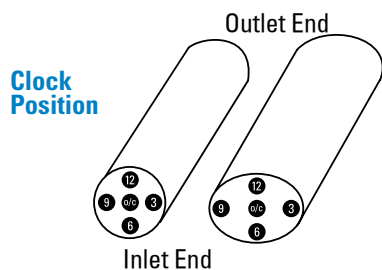
Footnotes

- 1 Wrapped muffler (reduces noise and surface temperature)
- 2 Stainless Steel
- 3 Silent Partner™ Muffler -Aluminized
- 4 Silent Partner™ Muffler -Stainless Steel
- 5 Resonator
- 6 Band clamp on inlet tube
- 7 Face flange on inlet
- 8 Made for off-road use
- 9 Made for off-road use, flows in either direction

Muffler Specification by Part Number

MUFFLER SPECS

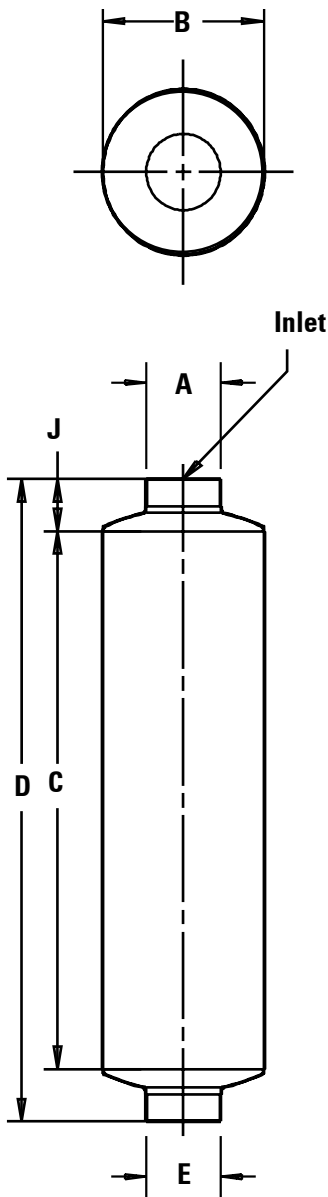
Part Number	Muffler Style	Body				Outlet I.D. (E)	Offset		Inlet Tube			Outlet Tube from End Center		Clock Position		Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	End Center (K)	End Center (L)	Inlet	Outlet	
M120235	3	5.00 127	10 x15 254 x 381	35.87 911	39.87 1013	5.00 127		3.12 79	6.13 153	8.00 203				6:00	9:00	39 18
M120365	2	5.00 127	10 x15 254 x 381	36.00 914	42.50 1080	5.00 127	3.12 79	3.12 79			3.25 83			6:00	12:00	44 20
M120366	4	5.00 127	10 x15 254 x 381	36.00 914	39.25 997	5.00 127	3.12 79				3.12 79	28.38 721	9.50 241	3:00	9:00	48 22
M120367	4	4.00 102	10 x15 254 x 381	30.38 772	34.00 864	4.00 102	4.25 108				3.50 89	22.88 581	10.50 267	3:00	9:00	32 15
M120382	3	4.00 102	10 x15 254 x 381	15.00 381	21.57 548	3.85 OD 98 OD		4.40 112	3.25 83	10.80 274				9:00	9:00	18 8
M120418	6	5.00 127	10 x15 254 x 381	28.00 711	28.25 718	5.00 127			5.00 127	8.00 203		5.00 127	8.00 203	6:00	12:00	27 12
M120448	2	5.00 127	10 x15 254 x 381	44.00 1118	50.00 1270	5.00 127	3.59 91	3.59 91			3.00 76			3:00	9:00	50 23
M120450	5	5.00 127	10 x15 254 x 381	44.00 1118	47.38 1203	5.00 127	3.59 91	3.59 91			3.25 83			3:00	9:00	46 21
M120566	3	4.00 102	10 x15 254 x 381	21.00 533	25.25 641	5.00 127	4.25 108		3.13 80	10.80 274				3:00	3:00	25 11
M120598	3	4.00 102	11.84 301	32.13 816	35.50 902	5.00 127			4.50 114	11.02 280				6:00		30 14
M120713	5	4.00 102	10 x15 254 x 381	27.00 686	31.13 791	5.00 127	4.40 112	4.25 108			4.00 102			3:00	9:00	31 14
M120747 ⁸	1	5.00 127	11.84 301	25.75 654	34.00 864	5.00 127					4.12 105					26.7 12
M120748 ⁸	2	5.00 127	11.84 301	25.75 654	34.00 864	5.00 127	2.81 71	2.81 71			4.12 105			6:00	12:00	26.7 12
M120749 ⁹	3/4	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127			4.88 124	8.75 222				6:00		27.5 12.5
M120750 ⁸	5	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127	2.81 71	2.81 71			4.12 105			6:00	12:00	28.7 13
M120751 ⁸	6	5.00 127	11.84 301	25.50 648	29.14 740	5.00 127			4.75 121	8.75 222		4.75 121	8.75 222	6:00	12:00	26.4 12
M122300	2	6.00 152	10 x15 254 x 381	31.75 806	42.50 1080	6.00 152	3.59 91	3.59 91			5.38 137			3:00	9:00	43 20
M140048	2	6.00 152	12 x18 305 x 457	30.00 762	38.00 965	6.00 152	4.50 114	4.50 114			4.00 102			3:00	9:00	50 23
M170101	2	6.00 152	14 x21 357 x 533	35.00 889	47.00 1194	6.00 152	5.25 133	5.25 133			6.00 152			3:00	9:00	89 40
M190002	2	8.00 203	16 x24 406 x 607	45.00 1143	57.00 1448	8.00 203	6.00 152	6.00 152			6.00 152			3:00	3:00	124 56



Footnotes

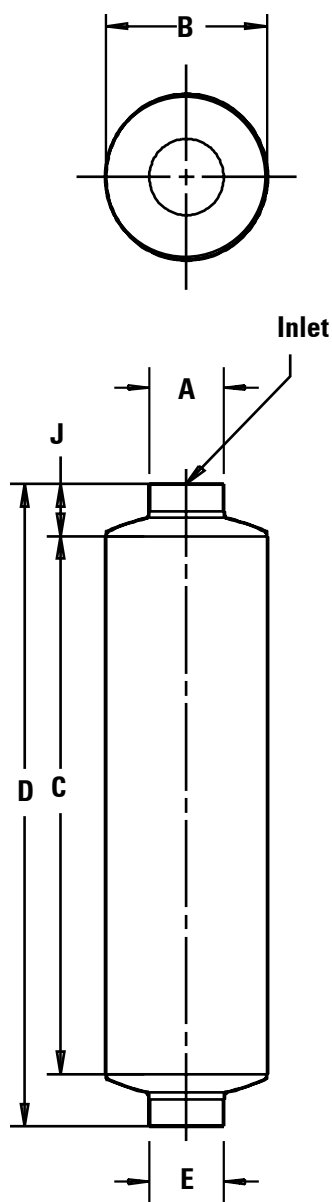
- 1 Wrapped muffler (reduces noise and surface temperature)
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- 4 Silent Partner™ Muffler -Stainless Steel
- 5 Resonator
- 6 Band clamp on inlet tube
- 7 Face flange on inlet
- 8 Made for off-road use
- 9 Made for off-road use, flows in either direction

Style 1 - End Inlet / End Outlet / On Center



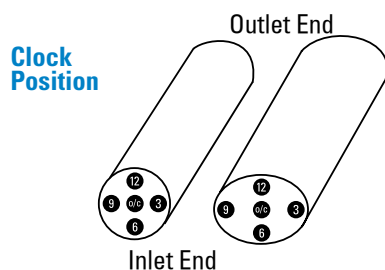
Part Number	Muffler Style	Body				Outlet I.D. (E)	Inlet Tube Length (J)	Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)			
M060247	1	2 NPT	6.00 152	14.50 368	20.00 508	2 NPT	2.75 70	7 3
M060005	1	2.5 NPT	6.00 152	15.00 381	18.12 460	2.5 NPT	1.56 40	9 4
M070008	1	3 NPT	7.00 178	14.00 356	19.75 502	3 NPT	2.38 60	13 6
M070050	1	3.5 NPT	7.00 178	18.38 467	25.62 651	3.5 NPT	3.00 76	18 8
M090009	1	4 NPT	9.00 229	20.00 508	26.00 660	4 NPT	3.00 76	23 10
M045237	1	2.00	4.38 111	12.50 318	17.00 432	2.10 OD 53 OD	2.50 64	4 2
M060479 ⁸	1	2.00	6.00 152	15.75 400	21.00 533	2.00 51	2.62 67	7.6 3.4
M065071	1	2.50	6.62 168	15.00 381	22.00 559	2.60 OD 66 OD	3.50 89	7 3
M065138 ⁸	1	2.50	6.62 168	17.75 451	24.00 610	2.50 64	3.12 79	9.8 4.5
M085293	1	2.89 ⁷ 73 ⁷	8.50 216	31.75 806	46.25 1175	3.16 OD 80 OD		28 12
M085407 ⁸	1	3.00	8.50 216	19.75 502	26.50 673	3.00 76	3.38 86	15.2 7
M080018	1	3.00	8.00 203	12.18 309	17.00 432	3.13 OD 80 OD	1.38 35	10 5
M111029	1	3.00	11.00 279	36.00 914	42.00 1067	4.00 102	3.00 76	34 15
M070028	1	3.50	7.00 178	14.00 356	19.75 502	3.50 89	2.38 60	10 5
M090146	1	3.50	9.00 229	44.50 1130	51.00 1295	3.50 89	3.00 76	32 15
M091046 ⁸	1	3.50	9.00 229	21.75 552	29.00 737	3.50 89	3.62 89	15.8 7.2
M085171	1	4.00	8.50 216	34.37 873	40.00 1016	4.00 102	2.50 64	21 10
M085421	1	4.00	8.50 216	34.37 873	40.00 1016	4.00 102	2.50 64	21 10
M090095	1	4.00 ⁷ 102 ⁷	9.00 229	29.31 744	73.00 1854	4 OD 102 OD		33 15
M090362 ⁵	1	4.00	9.00 229	10.00 254	16.50 419	4.00 102	3.00 76	9 4
M090544	1	4.00	9.00 229	44.44 1129	51.00 1295	4.00 102	3.00 76	27 12
M090594	1	4.00	9.00 229	20.00 508	26.50 673	4.00 102	3.00 76	14 6
M090781	1	4.00	9.00 229	44.44 1129	51.00 1295	5.00 127	3.00 76	30 14
M100464 ¹	1	4.00	10.33 262	44.50 1130	51.00 1295	4.00 102	3.00 76	52 24
M100466	1	4.00	10.00 254	44.44 1129	51.00 1295	4.00 102	3.00 76	27 12
M100695	1	4.00	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	30 14
M101167 ⁸	1	4.00	10.00 254	23.75 603	32.00 813	4.00 102	4.12 105	19.3 8.8

Style 1 - End Inlet / End Outlet / On Center



Part Number	Muffler Style	Body				Outlet I.D. (E)	Inlet Tube Length (J)	Wgt lbs. / kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)			
M090072 ⁵	1	5.00 127	9.00 229	10.00 254	16.50 419	5.00 127	3.00 76	9 4
M090074	1	5.00 127	9.00 229	44.44 1129	51.00 1295	5.00 127	3.00 76	29 13
M090535	1	5.00 127	9.00 229	44.44 1129	51.00 1295	5.00 127	3.00 76	30 14
M090595	1	5.00 127	9.00 229	20.00 508	26.50 673	5.00 127	3.00 76	15 7
M100463	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	31 14
M100465	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	28 13
M100580	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	29 13
M100582	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	31 14
M100807	1	5.00 127	10.00 254	59.94 1522	66.50 1689	5.00 127	3.00 76	48 22
M100944	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	32 15
M101158 ⁴	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	43 20
M101159 ⁴	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	43 20
M101181 ³	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	43 20
M101182 ³	1	5.00 127	10.00 254	44.44 1129	51.00 1295	5.00 127	3.00 76	43 20
M101263	1	5.00 127	10.00 254	44.44 1129	53.00 1346	5.00 127	3.00 76	31 14
M110849	1	5.00 127	11.00 279	50.50 1283	57.00 1448	5.00 127	3.00 76	48 22
M120747 ⁶	1	5.00 127	11.84 301	25.75 654	34.00 864	5.00 127	4.12 105	26.7 12

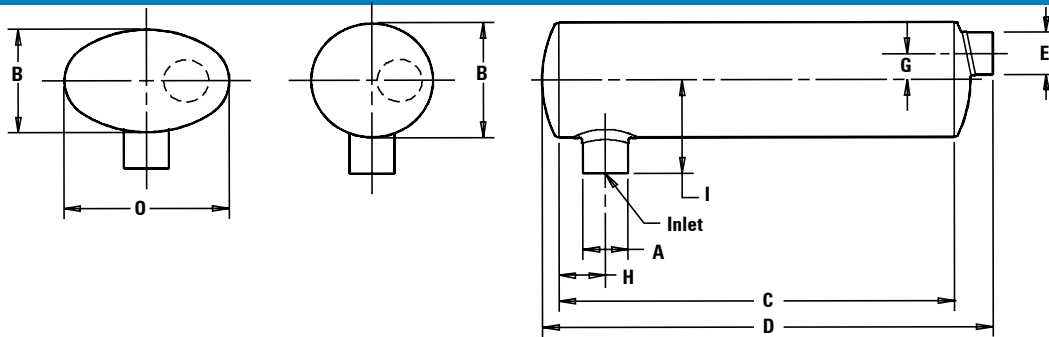
Style 2 and 2A on pages 82 and 83



Footnotes

- | | |
|---|--|
| 1 Wrapped muffler (reduces noise and surface temperature) | 6 Band clamp on inlet tube |
| 2 Stainless Steel | 7 Face flange on inlet |
| 3 Silent Partner™ Muffler -Aluminized | 8 Made for off-road use |
| 4 Silent Partner™ Muffler -Stainless Steel | 9 Made for off-road use, flows in either direction |
| 5 Resonator | |

Style 3 - Side Inlet / End Outlet

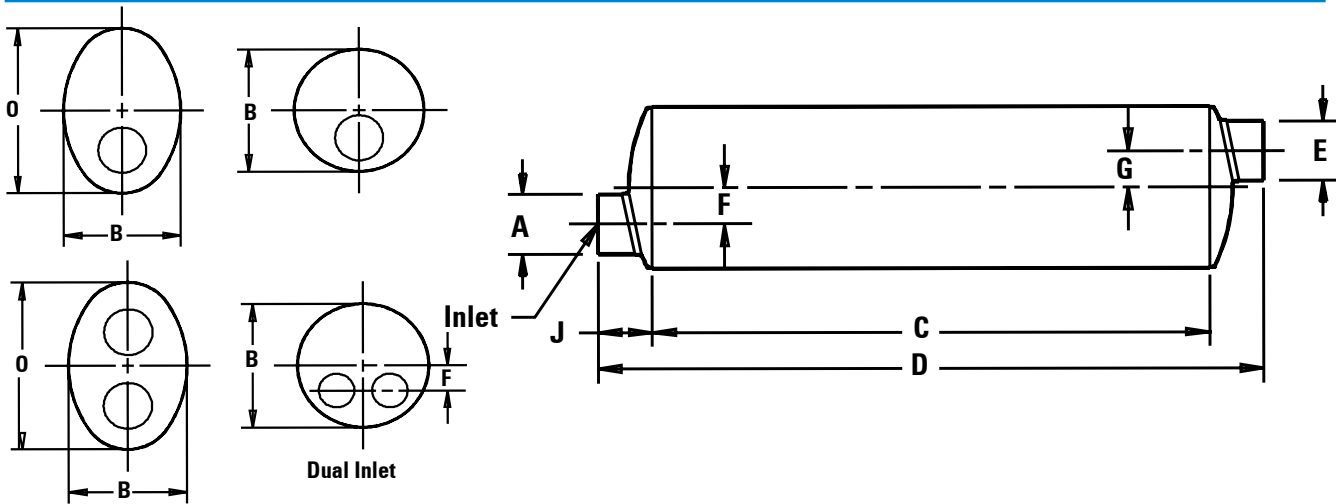


Part Number	Muffler Style	----- Body -----				---- Offset ----		----- Inlet Tube -----			Outlet Tube from End Center		Clock Position		Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)	Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	(K)	(L)	Inlet	Outlet	
M045193	3	1.68 43	4.38 111	13.78 350	15.78 401	1.64 42		2.75 70	4.00 102					12:00	4 2
M060158	3	2.00 51	6.00 152	18.81 478	21.50 546	2.00 51	1.50 38	3.50 89	5.00 127					3:00 6:00	9 4
M060481 ⁹	3/4	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51		1.88 48	5.00 127					6:00	7.6 3.4
M065044	3	2.50 64	6.62 168	20.89 531	23.50 597	2.50 64	1.62 41	3.50 89	6.00 152					6:00 9:00	12 5
M065140 ⁹	3/4	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64		2.38 60	5.75 146					6:00	10 4.5
M085084	3	3.50 89	8.50 216	27.00 686	29.50 749	3.00 76	2.00 51	4.50 114	7.25 184					3:00 6:00	20 9
M085090	3	3.02 77	8.50 216	26.25 667	29.50 749	3.00 76	2.00 51	3.50 89	6.75 171					3:00 6:00	20 9
M085226 ¹	3	3.00 76	8.80 224	27.12 689	29.56 751	3.00 76	2.00 51	4.56 116	6.75 171					3:00 6:00	28 13
M085409 ⁹	3/4	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76		2.88 73	6.50 165					6:00	15.4 7
M090301	3	3.50 89	8.3 x 11.5 211 x 292	26.13 664	29.25 743	3.50 89	2.50 64	3.25 83	7.00 178					6:00 9:00	23 10
M090823	3	4.00 102	9.00 229	44.50 1130	48.00 1219	5.00 127		3.81 97	6.69 170					6:00	30 13
M091048 ⁹	3/4	3.50 89	9.00 229	21.75 552	26.38 670	3.50 89		3.38 86	7.25 184					6:00	15.9 7.2
M100146	3	4.00 102	10.00 254	28.00 711	32.00 813	4.00 102	2.44 62	4.50 114	8.00 203					6:00 9:00	27 12
M100213	3	5.00 127	10.00 254	44.50 1130	48.00 1219	5.00 127		5.50 140	7.50 191					6:00	33 15
M101169 ⁹	3/4	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102		3.88 99	8.00 203					6:00	19.8 9
M110479	3	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64	4.25 108	8.64 219					6:00 3:00	31 14
M110674 ⁶	3	4.00 102	11.00 279	33.00 838	36.00 914	4.00 102		3.75 95	8.64 219					6:00	27 12
M111024	3	4.00 102	11.00 279	36.00 914	44.59 1133	Down Spout		3.75 95	8.64 219					12:00 6:00	34 15
M120235	3	5.00 127	10 x 15 254 x 381	35.87 911	39.87 1013	5.00 127	3.12 79	6.13 153	8.00 203					6:00 9:00	39 18
M120382	3	4.00 102	10 x 15 254 x 381	15.00 381	21.57 548	3.85 OD 98 OD	4.40 112	3.25 83	10.80 274					9:00 9:00	18 8
M120566	3	4.00 102	10 x 15 254 x 381	21.00 533	25.25 641	5.00 127	4.25 108	3.13 80	10.80 274					3:00 3:00	25 11
M120598	3	4.00 102	11.84 301	32.13 816	35.50 902	5.00 127		4.50 114	11.02 280					6:00	30 14
M120749 ⁹	3/4	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127		4.88 124	8.75 222					6:00	27.5 12.5

Muffler Specification by Style & Inlet Size

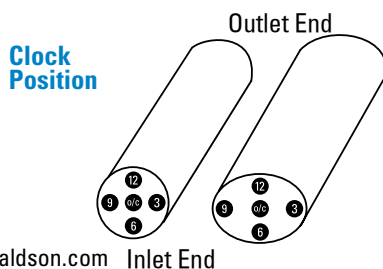
MUFFLER SPECS

Style 2 - End Inlet / End Outlet / Offset and Style 2A - Dual End Inlet / End Outlet



Part Number	Muffler Style	----- Body -----				Outlet I.D. (E)	---- Offset ----		----- Inlet Tube -----			Outlet Tube from End Center (K)	Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)				
M060055	2	2.00 51	6.00 152	16.90 429	21.90 556	2.00 51	1.50 38	1.50 38			2.50 64		6:00 12:00		7 3
M060232	2	2.00 51	6.00 152	24.00 610	29.00 737	2.00 51	1.50 38	1.50 38			2.50 64		6:00 12:00		9 4
M060480 ⁸	2	2.00 51	6.00 152	15.75 400	21.00 533	2.00 51	1.50 38	1.50 38			2.62 67		6:00 12:00		7.6 3.4
M065034	2	2.50 64	6.62 168	18.56 471	23.00 584	2.50 64	1.62 41	1.62 41			1.50 38		6:00 12:00		9 4
M065139 ⁸	2	2.50 64	6.62 168	17.75 451	24.00 610	2.50 64	1.62 41	1.62 41			3.12 79		6:00 12:00		9.8 4.5
M085172	2A	2.50 (2) 64 (2)	8.50 216	30.00 762	39.00 991	2.75 70	1.62 (2) 41 (2)	2.00 51			2.50 (2) 64 (2)		6:00(2) 6:00		24 11
M085189 ²	2A	2.50 (2) 64 (2)	8.50 216	31.25 794	36.25 921	3.00 76	1.62 (2) 41 (2)	2.00 51			2.50 (2) 64 (2)		6:00 (2) 12:00		23 10
M085267 ^{1,2}	2A	2.50 (2) ⁷ 64 (2) ⁷	8.75 222	30.12 765	38.97 990	3 OD 76 OD	1.62 (2) 41 (2)	2.00 51			5.72/3.22 146/82		6:00 (2) 12:00		32 15
M090563	2A	2.75 (2) 70 (2)	8.2 x 11.5 208 x 292	27.00 686	32.75 832	4.00 102	0.15/4.00 9/102	2.50 64			2.63 (2) 67 (2)		9:00-3:00 3:00		22 10
M085023	2	3.00 76	8.50 216	31.25 794	36.25 921	3.00 76	2.00 51	2.00 51			2.50 64		6:00 12:00		19 9
M085056	2	3.00 76	8.50 216	20.50 521	25.00 635	3.00 76	2.00 51	2.00 51			1.50 38		6:00 12:00		14 6
M085078	2	3.00 76	8.50 216	27.50 699	32.00 813	3.00 76	2.00 51	2.00 51			1.50 38		6:00 12:00		20 9
M085080	2	3.00 76	8.50 216	27.75 705	33.75 857	3.00 76	2.00 51	2.00 51			3.50 89		6:00 6:00		20 9
M090159 ¹	2	3.00 76	8.5 x 11.8 216 x 300	26.00 660	33.75 857	3.00 76	2.50 64	2.50 64			3.88 99		3:00 3:00		29 13
M090170	2	3.00 76	8.3 x 11.5 211 x 292	26.00 660	33.75 857	3.00 76	2.50 64	2.50 64			3.88 99		3:00 3:00		20 9
M085408 ⁸	2	3.00 76	8.50 216	19.75 502	26.50 673	3.00 76	2.00 51	2.00 51			3.38 86		6:00 12:00		15.2 7
M085008	2	3.50 89	8.50 216	38.00 965	43.00 1092	3.00 76	1.75 44	2.00 51			2.50 64		6:00 12:00		23 10
M090158	2	3.50 89	8.3 x 11.5 211 x 292	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79		3:00 9:00		24 11
M090210 ¹	2	3.50 89	8.5 x 11.8 216 x 300	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79		3:00 9:00		34 15

Part Number	Muffler Style	Body				Outlet I.D. (E)	Offset		Inlet Tube			Outlet Tube from End Center		Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	(K)	(L)			
M090520	2	3.50 89	8.2 x11.5 208 x 292	26.00 660	32.25 819	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	21 10
M090680	2	3.50 89	8.2 x11.5 208 x 292	30.00 762	36.25 921	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	25 11
M091047 ⁸	2	3.50 89	9.00 229	21.75 552	29.00 737	3.50 89	2.10 53	2.10 53			3.62 89			6:00	12:00	15.8 7.2
M090280	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	32.25 819	4.00 102	2.50 64	2.50 64			3.12 79			3:00	9:00	22 10
M090534	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	33.75 857	4.00 102	2.50 64	2.50 64			3.88 99			3:00	9:00	26 12
M090538	2	4.00 102	8.2 x11.5 208 x 292	26.00 660	32.25 819	3.50 89	2.50 64	2.50 64			3.12 79			3:00	12:00	26 12
M100043	2	4.00 102	10.00 254	35.38 899	41.75 1060	4.00 102	2.44 62	2.44 62			2.88 73			6:00	12:00	32 15
M100048	2	4.00 102	10.00 254	27.12 689	33.50 851	4.00 102	2.44 62	2.44 62			2.88 73			6:00	12:00	27 12
M101168 ⁸	2	4.00 102	10.00 254	23.75 603	32.00 813	4.00 102	2.44 62	2.44 62			4.12 105			6:00	12:00	19.3 8.8
M110012	2	4.00 102	11.00 279	30.00 762	36.00 914	4.00 102	2.50 64	2.50 64			3.00 76			6:00	12:00	26 12
M110189	2	4.00 102	11.00 279	36.00 914	41.25 1048	4.00 102	2.50 64	2.50 64			2.63 67			6:00	12:00	34 15
M111028	2	4 OD 102 OD	11.00 279	36.00 914	44.00 1118	5.00 127		2.50 64			5.00 127				12:00	36 16
M120100	2	4.00 102	10 x15 254 x 381	26.00 660	32.50 826	4.00 102	4.25 108	4.25 108			3.25 83			3:00	9:00	30 14
M120197 ¹	2	4.00 102	10.3 x15.3 261 x 389	36.00 914	42.00 1067	4.00 102	4.25 108	0.50 13			3.00 76			3:00	9:00	58 26
M110077	2	5.00 127	11.00 279	44.00 1118	50.00 1270	5.00 127	2.50 64	2.50 64			3.00 76			6:00	12:00	44 20
M120108	2	5.00 127	10 x15 254 x 381	26.00 660	32.50 826	5.00 127	3.12 79	3.12 79			3.25 83			3:00	9:00	34 15
M120225	2	5.00 127	10 x15 254 x 381	26.00 660	32.50 826	5.00 127	3.12 79	3.12 79			3.25 86			3:00	9:00	31 14
M120365	2	5.00 127	10 x15 254 x 381	36.00 914	42.50 1080	5.00 127	3.12 79	3.12 79			3.25 83			6:00	12:00	44 20
M120448	2	5.00 127	10 x15 254 x 381	44.00 1118	50.00 1270	5.00 127	3.59 91	3.59 91			3.00 76			3:00	9:00	50 23
M120748 ⁸	2	5.00 127	11.84 301	25.75 654	34.00 864	5.00 127	2.81 71	2.81 71			4.12 105			6:00	12:00	26.7 12
M122300	2	6.00 152	10 x15 254 x 381	31.75 806	42.50 1080	6.00 152	3.59 91	3.59 91			5.38 137			3:00	9:00	43 20
M140048	2	6.00 152	12 x18 305 x 457	30.00 762	38.00 965	6.00 152	4.50 114	4.50 114			4.00 102			3:00	9:00	50 23
M170101	2	6.00 152	14 x21 357 x 533	35.00 889	47.00 1194	6.00 152	5.25 133	5.25 133			6.00 152			3:00	9:00	89 40
M190002	2	8.00 203	16 x24 406 x 607	45.00 1143	57.00 1448	8.00 203	6.00 152	6.00 152			6.00 152			3:00	3:00	124 56

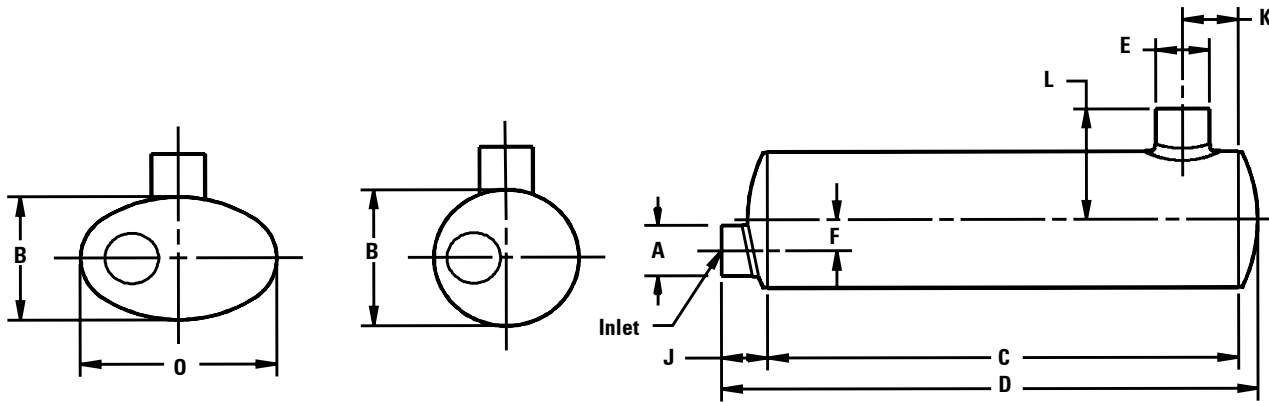


Footnotes

- 1 Wrapped muffler (reduces noise and surface temperature)
- 2 Stainless Steel
- 3 Silent Partner™ Muffler -Aluminized
- 4 Silent Partner™ Muffler -Stainless Steel
- 5 Resonator
- 6 Band clamp on inlet tube
- 7 Face flange on inlet
- 8 Made for off-road use
- 9 Made for off-road use, flows in either direction

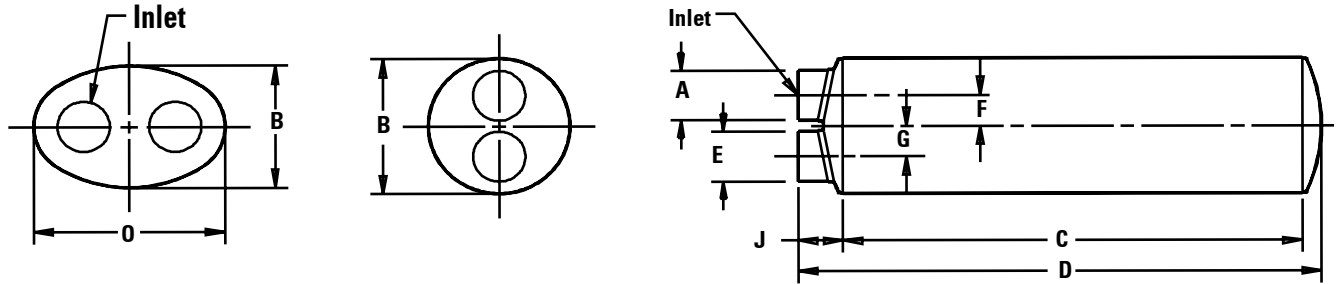
Muffler Specification by Style & Inlet Size

Style 4 - End Inlet / Side Outlet

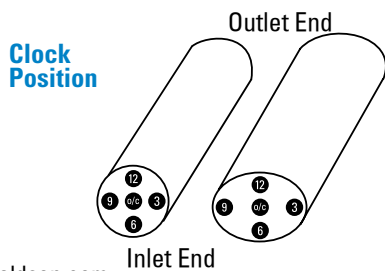


Part Number	Muffler Style	Body				Outlet I.D. (E)	Offset		Inlet Tube			Outlet Tube from End Center		Clock Position Inlet	Clock Position Outlet	Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	(K)	(L)			
M060481 ⁹	3/4	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51			1.88 48	5.00 127				6:00		7.6 3.4
M065140 ⁹	3/4	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64			2.38 60	5.75 146				6:00		10 4.5
M085206	4	3.00 76	8.50 216	26.25 667	29.50 749	3.00 76	2.00 51				3.25 83	3.50 89	6.75 171	6:00	9:00	20 9
M085409 ⁹	3/4	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76			2.88 73	6.50 165				6:00		15.4 7
M090547	4	3.50 89	8.2 x 11.5 208 x 292	32.56 827	35.16 893	4.00 102	2.50 64				2.60 66	20.48 520	6.00 152	9:00	7:00	22 10
M090548	4	3.50 89	8.2 x 11.5 208 x 292	32.56 827	35.16 893	4 OD 102 OD	2.50 64				2.60 66	20.48 520	8.70 221	3:00	7:30	21 10
M091048 ⁹	3/4	3.50 89	9.00 229	21.75 552	26.38 670	3.50 89			3.38 86	7.25 184				6:00		15.9 7.2
M100052	4	4.00 102	10.00 254	27.75 705	30.75 781	4.00 102	2.44 62				3.00 76	24.25 616	8.75 222	6:00	2:00	25 11
M101169 ⁹	3/4	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102			3.88 99	8.00 203				6:00		19.8 9
M110112	4	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64				3.00 76	15.97 406	8.64 219	6:00	9:00	29 13
M110148	4	4.00 102	11.00 279	36.00 914	39.00 991	4.00 102	2.50 64				3.00 76	17.25 438	8.64 219	6:00	12:00	29 13
M120367	4	4.00 102	10 x 15 254 x 381	30.38 772	34.00 864	4.00 102	4.25 108				3.50 89	22.88 581	10.50 267	3:00	9:00	32 15
M110311	4	4.00 OD 102	11.00 279	36.00 914	41.00 1041	4.00 102	2.50 64				5.00 127	27.10 688	8.64 219	6:00	12:00	27 12
M111025	4	4 OD 102 OD	11.00 279	36.00 914	41.00 1041	4 OD 102 OD					5.00 127	19.66 499	10.50 267		6:00	27 12
M110014	4	5.00 127	11.00 279	46.00 1168	51.75 1314	5.00 127	2.50 64				4.25 108	38.50 978	8.50 216	6:00	12:00	45 20
M120366	4	5.00 127	10 x 15 254 x 381	36.00 914	39.25 997	5.00 127	3.12 79				3.12 79	28.38 721	9.50 241	3:00	9:00	48 22
M120749 ⁹	3/4	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127			4.88 124	8.75 222				6:00		27.5 12.5
M060250	5	2.00 51	6.00 152	16.90 429	19.40 493	2.00 51	1.50 38	1.50 38						6:00	12:00	8 4

Style 5 - Inlet & Outlet on Same End



Part Number	Muffler Style	Body				Outlet I.D. (E)	Offset		Inlet Tube			Outlet Tube from End Center (K) (L)	Clock Position		Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)		Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)		Inlet	Outlet	
M060482 ⁸	5	2.00 51	6.00 152	15.75 400	19.25 489	2.00 51	1.50 38	1.50 38			2.62 67				8.4 3.8
M065073	5	2.50 64	6.62 168	20.00 508	21.50 546	2.50 64	1.62 41	1.62 41			1.50 38		6:00	12:00	10 5
M065141 ⁸	5	2.50 64	6.62 168	17.75 451	22.04 560	2.50 64	1.63 41	1.63 41			3.12 79		6:00	12:00	10.6 4.8
M085207	5	3.00 76	8.50 216	22.00 559	23.50 597	3.00 76	2.00 51	2.00 51			1.50 38		6:00	12:00	16 7
M085410 ⁸	5	3.00 76	8.50 216	19.75 502	24.27 616	3.00 76	2.00 51	2.00 51			3.38 86		6:00	12:00	17 7.7
M091049 ⁸	5	3.50 89	9.00 229	21.75 552	26.44 672	3.50 89	2.10 53	2.10 53			3.62 89		6:00	12:00	17.3 7.9
M100049	5	4.00 102	10.00 254	27.75 705	30.62 778	4.00 102	2.44 62	2.44 62			2.88 73		12:00	6:00	23 10
M101170 ⁸	5	4.00 102	10.00 254	23.75 603	29.24 743	4.00 102	2.44 62	2.44 62			4.12 105		6:00	12:00	22 10
M120154	5	4.00 102	10 x15 254 x 381	26.00 660	28.38 721	4.00 102	4.25 108	4.25 108			2.25 57		3:00	9:00	31 14
M120713	5	4.00 102	10 x15 254 x 381	27.00 686	31.13 791	5.00 127	4.40 112	4.25 108			4.00 102		3:00	9:00	31 14
M120131	5	5.00 127	10 x15 254 x 381	26.00 660	29.39 747	5.00 127	3.12 79	3.12 79			3.25 83		3:00	9:00	32 15
M120176	5	5.00 127	10 x15 254 x 381	26.25 667	29.38 746	5.00 127	3.12 79	3.12 79			3.00 76		3:00	9:00	29 13
M120189	5	5.00 127	10 x15 254 x 381	33.38 848	39.50 1003	5.00 127	3.59 91	3.59 91			4.44 113		3:00	9:00	46 21
M120450	5	5.00 127	10 x15 254 x 381	44.00 1118	47.38 1203	5.00 127	3.59 91	3.59 91			3.25 83		3:00	9:00	46 21
M120750 ⁸	5	5.00 127	11.84 301	25.75 654	31.69 805	5.00 127	2.81 71	2.81 71			4.12 105		6:00	12:00	28.7 13



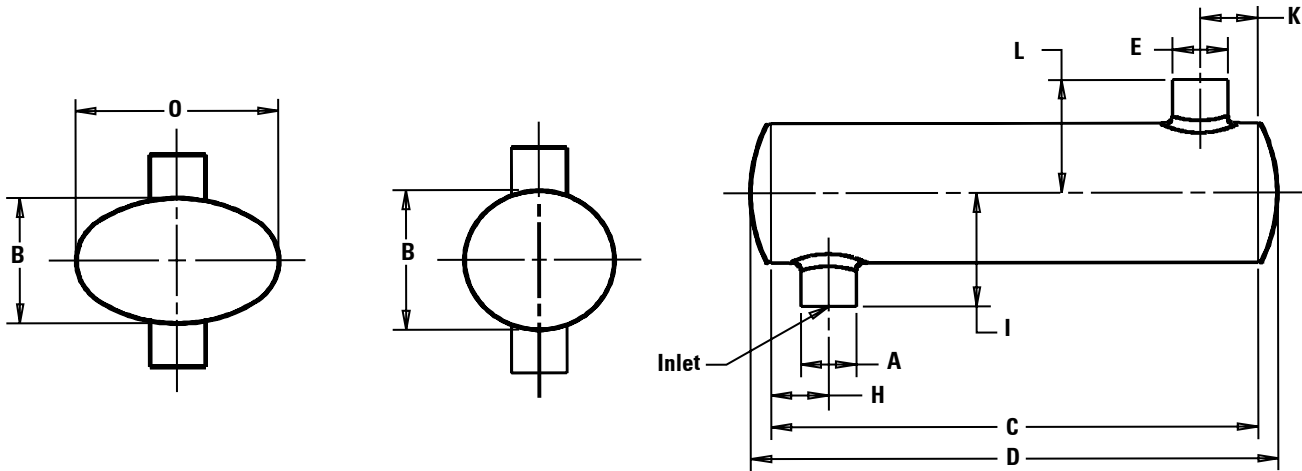
Footnotes

- 1 Wrapped muffler (reduces noise and surface temperature)
- 2 Stainless Steel
- 3 Silent Partner™ Muffler -Aluminized
- 4 Silent Partner™ Muffler -Stainless Steel
- 5 Resonator
- 6 Band clamp on inlet tube
- 7 Face flange on inlet
- 8 Made for off-road use
- 9 Made for off-road use, flows in either direction

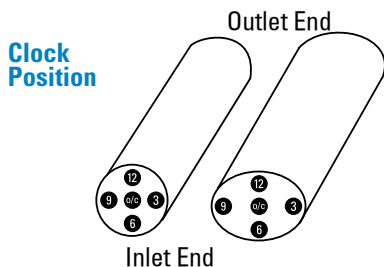
Muffler Specification by Style & Inlet Size

MUFFLER SPECS

Style 6 - Side Inlet / Side Outlet



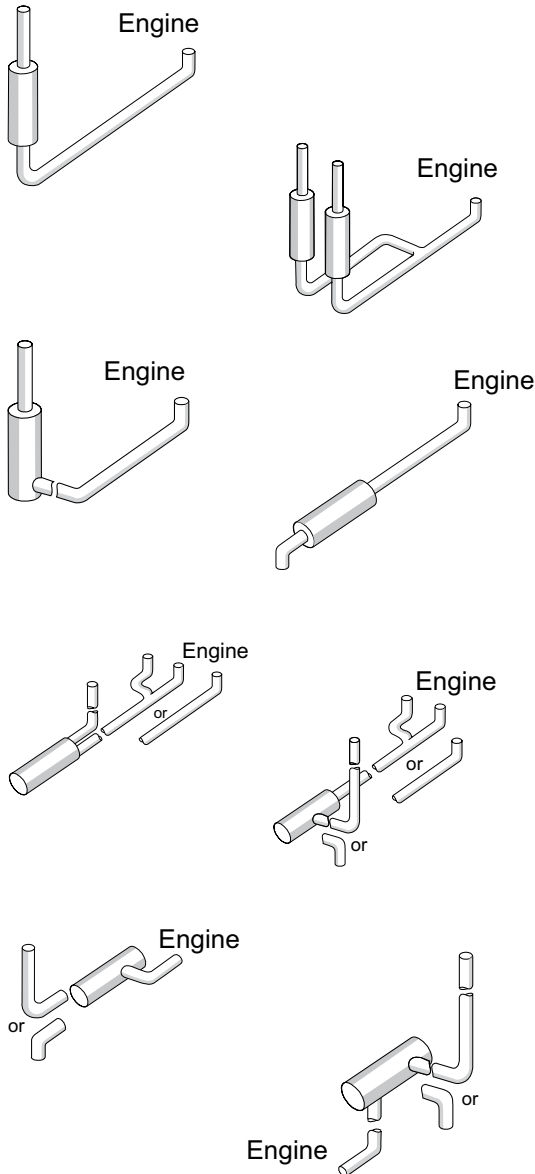
Part Number	Muffler Style	----- Body -----				---- Offset ----		----- Inlet Tube -----			Outlet Tube from End Center		Clock Position		Wgt lbs. kg
		Inlet I.D. (A)	Dia. (B) or (BxO)	Length (C)	Overall Length (D)	Inlet (F)	Outlet (G)	Loc. (H)	Length (I)	Length (J)	End Center (K)	End Center (L)	Inlet	Outlet	
M060251	6	2.00 51	6.00 152	18.81 478	18.81 478			3.50 89	5.00 127		3.50 89	5.00 127	6:00	12:00	8 4
M060483 ⁸	6	2.00 51	6.00 152	15.50 394	17.24 438			1.75 44	5.00 127		1.75 44	5.00 127	6:00	12:00	7.4 3.4
M065074	6	2.50 64	6.62 168	20.81 529	20.81 529			3.50 89	6.00 152		3.50 89	6.00 152	6:00	12:00	10 5
M065142 ⁸	6	2.50 64	6.62 168	17.50 444	19.84 504			2.50 64	5.75 146		2.25 57	5.75 146	6:00	12:00	9.4 4.2
M085208	6	3.00 76	8.50 216	27.00 686	27.00 686			3.50 89	6.75 171		3.50 89	6.75 171	6:00	12:00	17 8
M085411 ⁸	6	3.00 76	8.50 216	19.50 495	21.78 553			3.00 76	6.50 165		3.00 76	6.50 165	6:00	12:00	14.2 6.4
M090598	6	3.50 89	8.3 x 11.5 211 x 292	26.00 660	26.00 660			3.38 86	7.00 178		3.38 86	7.00 178	6:00	12:00	20 9
M091050 ⁸	6	3.50 89	9.00 229	21.50 546	23.64 600			3.25 83	7.25 184		3.25 83	7.25 184	6:00	12:00	15.1 6.9
M100572	6	4.00 102	10.12 257	28.00 711	30.62 778			4.50 114	8.00 203		4.50 114	8.00 203	6:00	12:00	22 10
M101171 ⁸	6	4.00 102	10.00 254	23.50 597	26.24 666			3.75 95	8.00 203		3.75 95	8.00 203	6:00	12:00	19.1 8.7
M111026	6	4.00 102	11.00 279	36.00 914	36.00 914		4 OD 102 OD	3.75 95	8.64 219		9.23 234	9.50 241	12:00	9:00	29 13
M120418	6	5.00 127	10 x 15 254 x 381	28.00 711	28.25 718			5.00 127	8.00 203		5.00 127	8.00 203	6:00	12:00	27 12
M120751 ⁸	6	5.00 127	11.84 301	25.50 648	29.14 740			4.75 121	8.75 222		4.75 121	8.75 222	6:00	12:00	26.4 12



Footnotes

- 1 Wrapped muffler (reduces noise and surface temperature)
- 2 Stainless Steel
- 3 Silent Partner™ Muffler - Aluminized
- 4 Silent Partner™ Muffler - Stainless Steel
- 5 Resonator
- 6 Band clamp on inlet tube
- 7 Face flange on inlet
- 8 Made for off-road use
- 9 Made for off-road use, flows in either direction

Exhaust Configurations



Muffler Selection Word of Caution!

Depending on your location, some diesel engines require the use of an emissions aftertreatment device to meet emissions regulations. In the United States, federal law prohibits the replacement of an emissions device (i.e., catalytic converter, combined catalytic converter/muffler, diesel particulate filter, etc.) with a non-emissions reducing (such as a straight pipe or conventional muffler) or un-approved emissions device. If operating the vehicle outside of the United States, make sure to check with and comply with any emission regulations for your locale.

Section Index

Types of Truck Exhaust Systems in this Section

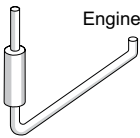
This section will provide you with a series of muffler options for individual truck engines. The information is presented by engine manufacturer, exhaust system configuration, engine model and horsepower rating. Once you locate your engine, you'll be able to select from a variety of muffler sizes. In many cases, there are multiple choices for a particular application. To assist in your selection refer to the notes column.

Truck Engine Models

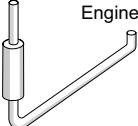
Caterpillar 88	Detroit Diesel 108
3116	6-71T
3176	6V-92T
3306	6V-92TA
3126B	6V-92TT
3306B	6V-92TTA
3406B	8.2T
3406E	8V-71T
C-10	8V-71TA
C-12	8V-71TT
C-15	8V-71TTA
C-16	8V-92T
	8V-92TA
Cummins 98	8V-92TT
6BT	8V-92TTA
6CT	Series 40E (7.6 LTA)
ISB	Series 40E (8.7 LTA)
ISC	Series 50 (8.7 Ltr)
ISM	Series 60 (11.1 Ltr)
ISX	Series 60 (12.7 Ltr)
L10	Series 60 (14 Ltr)
M11	
N14	
NTC	
Signature	
	International 114
	6.9L
	7.3L (T444)
	9.0L
	DT360
	DT414
	DT420
	DT466E
	DT812B
	DT817
	DT817C
	Mack 119
	E6
	E7
	E9
	ENDT673
	ENDT675
	ENDT865
	ENDT866

Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg H ₂ O		Muffler Style & Part No.	Notes
			Inlet	Body	Outlet	Inlet	Body	Outlet	Hg	H ₂ O		

Caterpillar



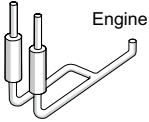
3406B	350	4.0	9.0	5.0	102	229	127	2.3	31	1	M090781			
		5.0	9.0	5.0	127	229	127	1.9	26	1	M090074			
		5.0	9.0	5.0	127	229	127	1.0	14	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.0	14	1	M100463	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	2.1	28	1	M100465	Best value, most popular		
		5.0	10.0	5.0	127	254	127	2.2	30	1	M100580	OE replacement		
		5.0	10.0	5.0	127	254	127	2.4	32	1	M100807	60" (1524mm) Long Body		
		5.0	10.0	5.0	127	254	127	1.7	24	1	M100944	OE replacement for higher HP		
		5.0	10.0	5.0	127	254	127	2.1	29	1	M101158	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	2.1	29	1	M101181	Silent Partner Aluminized		
		5.0	10.0	5.0	127	254	127	2.2	30	1	M101263	Freightliner only		
		5.0	11.0	5.0	127	279	127	1.7	24	1	M110849			
3406B	400	4.0	9.0	5.0	102	229	127	2.8	38	1	M090781			
		5.0	9.0	5.0	127	229	127	2.4	32	1	M090074			
		5.0	9.0	5.0	127	229	127	1.3	17	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.3	17	1	M100463	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	2.5	34	1	M100465	Best value, most popular		
		5.0	10.0	5.0	127	254	127	2.7	36	1	M100580	OE replacement		
		5.0	10.0	5.0	127	254	127	2.9	39	1	M100807	60" (1524mm) Long Body		
		5.0	10.0	5.0	127	254	127	2.1	29	1	M100944	OE replacement for higher HP		
		5.0	10.0	5.0	127	254	127	2.6	35	1	M101158	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	2.6	35	1	M101181	Silent Partner Aluminized		
		5.0	10.0	5.0	127	254	127	2.7	36	1	M101263	Freightliner only		
		5.0	11.0	5.0	127	279	127	2.1	28	1	M110849			
3406B	425 to 460	5.0	9.0	5.0	127	229	127	2.5	35	1	M090074			
		5.0	9.0	5.0	127	229	127	1.4	18	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.4	18	1	M100463	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	2.7	37	1	M100465	Best value, most popular		
		5.0	10.0	5.0	127	254	127	2.9	39	1	M100580	OE replacement		
		5.0	10.0	5.0	127	254	127	2.3	31	1	M100944	OE replacement for higher HP		
		5.0	10.0	5.0	127	254	127	2.8	38	1	M101158	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	2.8	38	1	M101181	Silent Partner Aluminized		
		5.0	10.0	5.0	127	254	127	2.9	39	1	M101263	Freightliner only		
		5.0	11.0	5.0	127	279	127	2.3	31	1	M110849			
		C-12	335 to 355	4.0	9.0	5.0	102	229	127	1.9	25	1	M090781	
				5.0	9.0	5.0	127	229	127	1.6	21	1	M090074	
5.0	9.0			5.0	127	229	127	0.8	11	1	M090535	Low backpressure, off-hwy		
5.0	10.0			5.0	127	254	127	0.8	11	1	M100463	Low backpressure, off-hwy		
5.0	10.0			5.0	127	254	127	1.7	23	1	M100465	Best value, most popular		
5.0	10.0			5.0	127	254	127	1.8	24	1	M100580	OE replacement		
5.0	10.0			5.0	127	254	127	1.9	26	1	M100807	60" (1524mm) Long Body		
5.0	10.0			5.0	127	254	127	1.4	19	1	M100944	OE replacement for higher HP		
5.0	10.0			5.0	127	254	127	1.7	23	1	M101158	Silent Partner Stainless		
5.0	10.0			5.0	127	254	127	1.7	23	1	M101181	Silent Partner Aluminized		
5.0	10.0			5.0	127	254	127	1.8	24	1	M101263	Freightliner only		
5.0	11.0			5.0	127	279	127	1.4	19	1	M110849			
C-12	380	5.0	9.0	5.0	127	229	127	1.6	22	1	M090074			
		5.0	9.0	5.0	127	229	127	0.9	12	1	M090535	Low backpressure, off-hwy		
		4.0	9.0	5.0	102	229	127	1.9	26	1	M090781			
		5.0	10.0	5.0	127	254	127	0.9	12	1	M100463	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.7	24	1	M100465	Best value, most popular		
		5.0	10.0	5.0	127	254	127	1.8	25	1	M100580	OE replacement		
		5.0	10.0	5.0	127	254	127	2.0	27	1	M100807	60" (1524mm) Long Body		
		5.0	10.0	5.0	127	254	127	1.5	20	1	M100944	OE replacement for higher HP		
		5.0	10.0	5.0	127	254	127	1.8	24	1	M101158	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	1.8	24	1	M101181	Silent Partner Aluminized		
		5.0	10.0	5.0	127	254	127	1.8	25	1	M101263	Freightliner only		
		5.0	11.0	5.0	127	279	127	1.5	20	1	M110849			
C-12	395 to 430	4.0	9.0	5.0	102	229	127	2.1	28	1	M090781			
		5.0	9.0	5.0	127	229	127	1.8	24	1	M090074			
		5.0	9.0	5.0	127	229	127	0.9	13	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	0.9	13	1	M100463	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.9	25	1	M100465	Best value, most popular		
		5.0	10.0	5.0	127	254	127	2.0	27	1	M100580	OE replacement		
		5.0	10.0	5.0	127	254	127	2.1	29	1	M100807	60" (1524mm) Long Body		
		5.0	10.0	5.0	127	254	127	1.6	21	1	M100944	OE replacement for higher HP		
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101158	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101181	Silent Partner Aluminized		
		5.0	10.0	5.0	127	254	127	2.0	27	1	M101263	Freightliner only		
		5.0	11.0	5.0	127	279	127	1.6	21	1	M110849			

Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes		
			inches			mm			inches of Hg	H ₂ O				
			Inlet	Body	Outlet	Inlet	Body	Outlet						
	C-15	355	4.0	9.0	5.0	102	229	127	2.3	32	1	M090781		
			5.0	9.0	5.0	127	229	127	2.0	27	1	M090074		
			5.0	9.0	5.0	127	229	127	1.1	14	1	M090535	Low backpressure, off-hwy	
			5.0	10.0	5.0	127	254	127	1.1	14	1	M100463	Low backpressure, off-hwy	
			5.0	10.0	5.0	127	254	127	2.1	29	1	M100465	Best value, most popular	
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100580	OE replacement	
			5.0	10.0	5.0	127	254	127	2.4	33	1	M100807	60" (1524mm) Long Body	
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100944	OE replacement for higher HP	
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101158	Silent Partner Stainless	
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101181	Silent Partner Aluminized	
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101263	Freightliner only	
			5.0	11.0	5.0	127	279	127	1.8	24	1	M110849		
			C-15	375 to 435	5.0	9.0	5.0	127	229	127	1.4	20	1	M090535	Low backpressure, off-hwy
5.0	10.0	5.0			127	254	127	1.4	20	1	M100463	Low backpressure, off-hwy		
5.0	10.0	5.0			127	254	127	2.9	39	1	M100465	Best value, most popular		
5.0	10.0	5.0			127	254	127	2.9	40	1	M100580	OE replacement		
5.0	10.0	5.0			127	254	127	2.4	33	1	M100944	OE replacement for higher HP		
5.0	10.0	5.0			127	254	127	2.9	40	1	M101158	Silent Partner Stainless		
5.0	10.0	5.0			127	254	127	2.9	40	1	M101181	Silent Partner Aluminized		
5.0	10.0	5.0			127	254	127	2.9	40	1	M101263	Freightliner only		
5.0	11.0	5.0			127	279	127	2.4	33	1	M110849			
C-15	455 to 500	5.0	9.0	5.0	127	229	127	1.7	23	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.7	23	1	M100463	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	2.8	38	1	M100944	OE replacement for higher HP		
		5.0	11.0	5.0	127	279	127	2.8	38	1	M110849			
C-16	575	5.0	9.0	5.0	127	229	127	1.8	24	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.8	24	1	M100463	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	2.9	40	1	M100944	OE replacement for higher HP		
		5.0	11.0	5.0	127	279	127	2.9	40	1	M110849			
C-16	600	5.0	9.0	5.0	127	229	127	1.8	25	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.8	25	1	M100463	Low backpressure, off-hwy		
3406E	355 to 435	4.0	9.0	5.0	102	229	127	3.0	40	1	M090781			
		5.0	9.0	5.0	127	229	127	2.5	34	1	M090074			
		5.0	9.0	5.0	127	229	127	1.3	18	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.3	18	1	M100463	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	2.7	36	1	M100465	Best value, most popular		
		5.0	10.0	5.0	127	254	127	2.8	38	1	M100580	OE replacement		
		5.0	10.0	5.0	127	254	127	2.2	30	1	M100944	OE replacement for higher HP		
		5.0	10.0	5.0	127	254	127	2.7	37	1	M101158	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	2.7	37	1	M101181	Silent Partner Aluminized		
		5.0	10.0	5.0	127	254	127	2.8	38	1	M101263	Freightliner only		
		5.0	11.0	5.0	127	279	127	2.2	30	1	M110849			
		3406E	455 to 500	5.0	9.0	5.0	127	229	127	1.7	23	1	M090535	Low backpressure, off-hwy
				5.0	10.0	5.0	127	254	127	1.7	23	1	M100463	Low backpressure, off-hwy
5.0	10.0			5.0	127	254	127	2.8	38	1	M100944	OE replacement for higher HP		
5.0	11.0			5.0	127	279	127	2.8	38	1	M110849			
3406E	575	5.0	9.0	5.0	127	229	127	1.8	25	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.8	25	1	M100463	Low backpressure, off-hwy		
3406E	600	5.0	9.0	5.0	127	229	127	1.8	25	1	M090535	Low backpressure, off-hwy		
		5.0	10.0	5.0	127	254	127	1.8	25	1	M100463	Low backpressure, off-hwy		
3406B	350 to 400	4.0	9.0	4.0	102	229	102	1.2	16	1	M090544			
		4.0	10.0	4.0	102	254	102	1.2	17	1	M100466			
		4.0	10.0	5.0	102	254	127	2.0	27	1	M100695			
		4.0	10.3	4.0	102	262	102	2.3	31	1	M100464	Wrapped muffler		
		5.0	10.0	5.0	127	254	127	1.5	20	1	M100582	OE replacement		
		5.0	10.0	5.0	127	254	127	1.5	20	1	M101159	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	1.5	20	1	M101182	Silent Partner Aluminized		
		5.0	10.0	5.0	127	254	127	1.5	20	1	M101182	Silent Partner Aluminized		
3406B	425 to 460	4.0	9.0	4.0	102	229	102	1.3	18	1	M090544			
		4.0	10.0	4.0	102	254	102	1.4	19	1	M100466			
		4.0	10.0	5.0	102	254	127	2.2	30	1	M100695			
		4.0	10.3	4.0	102	262	102	2.6	35	1	M100464	Wrapped muffler		
		5.0	10.0	5.0	127	254	127	1.7	23	1	M100582	OE replacement		
		5.0	10.0	5.0	127	254	127	1.7	23	1	M101159	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	1.7	23	1	M101182	Silent Partner Aluminized		
C-12	335 to 355	4.0	9.0	4.0	102	229	102	0.8	10	1	M090544			
		4.0	10.0	4.0	102	254	102	0.8	11	1	M100466			
		4.0	10.0	5.0	102	254	127	1.3	18	1	M100695			

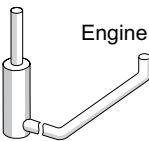
Truck Engine Muffler Application



Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes
			Inlet	Body	Outlet	Inlet	Body	Outlet	Hg	H ₂ O		



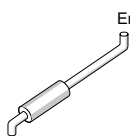
C-12	380 to 430	4.0	10.3	4.0	102	262	102	1.5	21	1	M100464	Wrapped muffler
		5.0	10.0	5.0	127	254	127	1.0	14	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	1.0	14	1	M101159	Silent Partner Stainless
		5.0	10.0	5.0	127	254	127	1.0	14	1	M101182	Silent Partner Aluminized
C-12	380 to 430	4.0	9.0	4.0	102	229	102	0.9	12	1	M090544	
		4.0	10.0	4.0	102	254	102	0.9	12	1	M100466	
		4.0	10.0	5.0	102	254	127	1.5	20	1	M100695	
		4.0	10.3	4.0	102	262	102	1.7	23	1	M100464	Wrapped muffler
		5.0	10.0	5.0	127	254	127	1.1	15	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	1.1	15	1	M101159	Silent Partner Stainless
C-15	355	4.0	9.0	4.0	102	229	102	1.0	13	1	M090544	
		4.0	10.0	4.0	102	254	102	1.0	14	1	M100466	
		4.0	10.0	5.0	102	254	127	1.6	22	1	M100695	
		4.0	10.3	4.0	102	262	102	1.9	26	1	M100464	Wrapped muffler
		5.0	10.0	5.0	127	254	127	1.3	17	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	1.3	17	1	M101159	Silent Partner Stainless
C-15	375 to 435	4.0	9.0	4.0	102	229	102	1.3	18	1	M090544	
		4.0	10.0	4.0	102	254	102	1.4	19	1	M100466	
		4.0	10.0	5.0	102	254	127	2.2	30	1	M100695	
		5.0	10.0	5.0	127	254	127	1.7	23	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	1.7	23	1	M101159	Silent Partner Stainless
		5.0	10.0	5.0	127	254	127	1.7	23	1	M101182	Silent Partner Aluminized
C-15	455 to 500	4.0	9.0	4.0	102	229	102	1.5	21	1	M090544	
		4.0	10.0	4.0	102	254	102	1.6	22	1	M100466	
		4.0	10.0	5.0	102	254	127	2.6	35	1	M100695	
		5.0	10.0	5.0	127	254	127	2.0	27	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	2.0	27	1	M101159	Silent Partner Stainless
		5.0	10.0	5.0	127	254	127	2.0	27	1	M101182	Silent Partner Aluminized
C-16	575 to 600	4.0	9.0	4.0	102	229	102	1.7	23	1	M090544	
		4.0	10.0	4.0	102	254	102	1.8	24	1	M100466	
		4.0	10.0	5.0	102	254	127	2.8	38	1	M100695	
		5.0	10.0	5.0	127	254	127	2.2	29	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	2.2	29	1	M101159	Silent Partner Stainless
		5.0	10.0	5.0	127	254	127	2.2	29	1	M101182	Silent Partner Aluminized
3406E	355 to 435	4.0	9.0	4.0	102	229	102	1.4	19	1	M090544	
		4.0	10.0	4.0	102	254	102	1.4	20	1	M100466	
		4.0	10.0	5.0	102	254	127	2.3	31	1	M100695	
		5.0	10.0	5.0	127	254	127	1.8	24	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	1.8	24	1	M101159	Silent Partner Stainless
		5.0	10.0	5.0	127	254	127	1.8	24	1	M101182	Silent Partner Aluminized
3406E	455 to 475	4.0	9.0	4.0	102	229	102	1.5	20	1	M090544	
		4.0	10.0	4.0	102	254	102	1.6	21	1	M100466	
		4.0	10.0	5.0	102	254	127	2.5	34	1	M100695	
		5.0	10.0	5.0	127	254	127	1.9	26	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101159	Silent Partner Stainless
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101182	Silent Partner Aluminized
3406E	500 to 600	4.0	9.0	4.0	102	229	102	1.7	23	1	M090544	
		4.0	10.0	4.0	102	254	102	1.8	24	1	M100466	
		4.0	10.0	5.0	102	254	127	2.8	38	1	M100695	
		5.0	10.0	5.0	127	254	127	2.2	29	1	M100582	OE replacement
		5.0	10.0	5.0	127	254	127	2.2	29	1	M101159	Silent Partner Stainless
		5.0	10.0	5.0	127	254	127	2.2	29	1	M101182	Silent Partner Aluminized
3116	170 to 185	4.0	9.0	5.0	102	229	127	1.1	15	3	M090823	
		4.0	10.0	5.0	102	254	127	2.4	33	3	M100567	
		4.0	11.8	5.0	102	300	127	1.2	16	3	M120598	
		5.0	10.0	5.0	127	254	127	1.1	14	3	M100213	
3116	200 to 275	4.0	9.0	5.0	102	229	127	1.6	22	3	M090823	
		4.0	11.8	5.0	102	300	127	1.7	23	3	M120598	
		5.0	10.0	5.0	127	254	127	1.5	21	3	M100213	
3116	300	4.0	9.0	5.0	102	229	127	2.4	33	3	M090823	
		4.0	11.8	5.0	102	300	127	2.6	35	3	M120598	
		5.0	10.0	5.0	127	254	127	2.3	31	3	M100213	
3176	365	4.0	9.0	5.0	102	229	127	2.0	28	3	M090823	
		4.0	11.8	5.0	102	300	127	2.2	29	3	M120598	
		5.0	10.0	5.0	127	254	127	1.9	26	3	M100213	
3176	275 to 300	4.0	9.0	5.0	102	229	127	1.6	21	3	M090823	

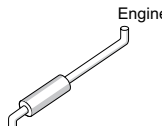


Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions			Backpressure			Muffler		Notes	
			inches			mm			inches of Hg			Style & Part No.
			Inlet	Body	Outlet	Inlet	Body	Outlet				
3176	350	350	4.0	11.8	5.0	102	300	127	1.6	22	3	M120598
			5.0	10.0	5.0	127	254	127	1.5	20	3	M100213
3306	300	300	4.0	9.0	5.0	102	229	127	2.0	27	3	M090823
			4.0	11.8	5.0	102	300	127	2.1	28	3	M120598
3306B	245	245	5.0	10.0	5.0	127	254	127	1.8	25	3	M100213
			4.0	9.0	5.0	102	229	127	1.5	20	3	M090823
3306B	285 to 300	285 to 300	4.0	11.8	5.0	102	300	127	1.5	21	3	M120598
			5.0	10.0	5.0	127	254	127	1.4	18	3	M100213
3406B	Multi-Torque 300 to 310	300 to 310	4.0	9.0	5.0	102	229	127	2.0	27	3	M090823
			4.0	11.8	5.0	102	300	127	2.1	28	3	M120598
3406B	330	330	5.0	10.0	5.0	127	254	127	1.8	25	3	M100213
			4.0	9.0	5.0	102	229	127	2.4	32	3	M090823
3126B	175 to 230	175 to 230	4.0	11.8	5.0	102	300	127	2.5	34	3	M120598
			5.0	10.0	5.0	127	254	127	2.2	30	3	M100213
3126B	250	250	4.0	9.0	5.0	102	229	127	2.8	38	3	M090823
			4.0	11.8	5.0	102	300	127	2.9	40	3	M120598
3126B	275 to 300	275 to 300	5.0	10.0	5.0	127	254	127	2.6	35	3	M100213
			4.0	9.0	5.0	102	229	127	1.3	18	3	M090823
3126B	330	330	4.0	11.8	5.0	102	300	127	1.4	19	3	M120598
			5.0	10.0	5.0	127	254	127	1.2	17	3	M100213
C-10	305 to 370	305 to 370	4.0	9.0	5.0	102	229	127	1.6	22	3	M090823
			4.0	11.8	5.0	102	300	127	1.7	23	3	M120598
C-12	335 to 355	335 to 355	5.0	10.0	5.0	127	254	127	1.5	20	3	M100213
			4.0	9.0	5.0	102	229	127	1.7	23	3	M090823
C-12	380 to 430	380 to 430	4.0	11.8	5.0	102	300	127	1.8	25	3	M120598
			5.0	10.0	5.0	127	254	127	1.6	22	3	M100213
C-15	355	355	4.0	9.0	5.0	102	229	127	2.3	31	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	170-185	170-185	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M120598
3116	200-275	200-275	4.0	11.8	5.0	102	300	127	2.3	31	3	M090823
			5.0	10.0	5.0	127	254	127	2.4	32	3	M120598
3116	170-185	170-185	4.0	9.0	5.0	102	229	127	2.1	29	3	M120598
			5.0	10.0	5.0	127	254	127	2.1	29	3	M100213
3116	200-275	200-275	4.0	11.8	5.0	102	300	127	2.3	31	3	M090823
			5.0	10.0	5.0	127	254	127	2.4	32	3	M120598
3116	170-185	170-185	4.0	9.0	5.0	102	229	127	1.7	23	3	M090823
			4.0	11.8	5.0	102	300	127	1.8	25	3	M120598
3116	200-275	200-275	5.0	10.0	5.0	127	254	127	1.6	22	3	M100213
			4.0	9.0	5.0	102	229	127	1.7	23	3	M090823
3116	170-185	170-185	4.0	11.8	5.0	102	300	127	1.8	25	3	M120598
			5.0	10.0	5.0	127	254	127	1.6	22	3	M100213
3116	200-275	200-275	4.0	9.0	5.0	102	229	127	2.1	29	3	M120598
			5.0	10.0	5.0	127	254	127	2.1	29	3	M100213
3116	170-185	170-185	4.0	11.8	5.0	102	300	127	2.3	31	3	M090823
			5.0	10.0	5.0	127	254	127	2.4	32	3	M120598
3116	200-275	200-275	4.0	9.0	5.0	102	229	127	2.3	31	3	M090823
			4.0	11.8	5.0	102	300	127	2.4	32	3	M120598
3116	170-185	170-185	5.0	10.0	5.0	127	254	127	2.1	29	3	M100213
			4.0	9.0	5.0	102	229	127	2.3	31	3	M090823
3116	200-275	200-275	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
3116	170-185	170-185	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	200-275	200-275	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
3116	170-185	170-185	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
3116	200-275	200-275	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	170-185	170-185	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
3116	200-275	200-275	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
3116	170-185	170-185	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	200-275	200-275	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
3116	170-185	170-185	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
3116	200-275	200-275	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	170-185	170-185	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
3116	200-275	200-275	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
3116	170-185	170-185	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	200-275	200-275	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
3116	170-185	170-185	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
3116	200-275	200-275	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	170-185	170-185	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
3116	200-275	200-275	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
3116	170-185	170-185	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	200-275	200-275	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
3116	170-185	170-185	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
3116	200-275	200-275	4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
			4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
3116	170-185	170-185	5.0	10.0	5.0	127	254	127	2.0	27	3	M100213
			4.0	9.0	5.0	102	229	127	2.1	29	3	M090823
3116	200-275	200-275	4.0	11.8	5.0	102	300	127	2.3	31	3	M120598
			5.0	10.0	5.0	127	2					

Truck Engine Muffler Application

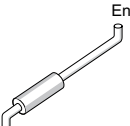


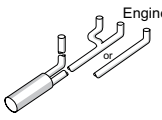
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	3116	300	5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120448	OE replacement
			3.0	11.0	4.0	76	279	102	2.7	37	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.3	31	2	M111028	Inlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120108	For off-hwy, shorter than OE
3176	275 to 300	5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120225	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	2.6	35	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	2.6	36	2	M120448	OE replacement	
		4.0	10.0	4.0	102	254	102	2.7	37	2	M100048	Aftermarket	
		4.0	11.0	4.0	102	279	102	2.6	36	2	M110012		
		4.0	11.0	4.0	102	279	102	2.4	32	2	M110189	OE replacement	
		4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.7	36	2	M090280	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090534	Aftermarket, shorter than OE	
3176	350 to 365	5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.0	13	2	M120225	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement	
		4.0	10x15	4.0	102	254x381	102	2.6	36	2	M120100	Aftermarket, shorter than OE	
		4.0	11.0	5.0	102	279	127	1.8	25	2	M111028	Inlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.3	17	2	M120225	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120448	OE replacement	
3306	300	6.0	10x15	6.0	152	254x381	152	1.1	14	2	M122300	For off-hwy, shorter than OE	
		3.0	11.0	4.0	76	279	102	2.2	30	1	M111029	OE replacement	
		4.0	11.0	5.0	102	279	127	1.8	25	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	2.6	36	2	M120100	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.3	17	2	M120225	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	2.1	28	2	M120365	Aftermarket	
3306B	245	5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120448	OE replacement	
		4.0	10.0	4.0	102	254	102	2.5	35	2	M100048	Aftermarket	
		4.0	11.0	4.0	102	279	102	2.5	34	2	M110012		
		4.0	11.0	4.0	102	279	102	2.2	30	2	M110189	OE replacement	
		4.0	11.0	5.0	102	279	127	1.3	18	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	1.9	25	2	M120100	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090280	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.3	32	2	M090534	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	0.9	12	2	M120225	For off-hwy, shorter than OE	
3306B	285 to 300	5.0	10x15	5.0	127	254x381	127	1.4	20	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120448	OE replacement	
		4.0	11.0	5.0	102	279	127	1.8	24	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	2.5	34	2	M120100	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120225	For off-hwy, shorter than OE	
3406B	Multi-Torque 300-310	5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120448	OE replacement	
		4.0	11.0	5.0	102	279	127	2.1	29	2	M111028	Inlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120225	For off-hwy, shorter than OE	
3406B	330	5.0	10x15	5.0	127	254x381	127	2.4	32	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120448	OE replacement	
		3.0	11.0	4.0	76	279	102	3.0	40	1	M111029	OE replacement	
		4.0	11.0	5.0	102	279	127	2.5	34	2	M111028	Inlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	2.6	36	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120225	For off-hwy, shorter than OE	
3406B	350	5.0	10x15	5.0	127	254x381	127	2.8	38	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	2.9	39	2	M120448	OE replacement	
		4.0	11.0	5.0	102	279	127	2.7	37	2	M111028	Inlet dimension is OD	
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE

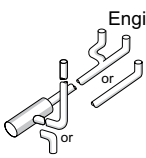
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	3406B	400 to 460	5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120225	For off-hwy, shorter than OE
	3126B	175	3.0	11.0	4.0	76	279	102	1.2	17	1	M111029	OE replacement
			4.0	8.3x11.5	4.0	102	211x292	102	2.0	27	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090534	Aftermarket, shorter than OE
			4.0	10.0	4.0	102	254	102	2.1	28	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.0	27	2	M110012	
			4.0	11.0	4.0	102	279	102	1.8	25	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.0	14	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	1.5	20	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120365	Aftermarket
	5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120448	OE replacement		
	3126B	190	3.0	11.0	4.0	76	279	102	1.5	21	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.5	34	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.4	33	2	M110012	
4.0			11.0	4.0	102	279	102	2.2	30	2	M110189	OE replacement	
4.0			10x15	4.0	102	254x381	102	1.8	25	2	M120100	Aftermarket, shorter than OE	
4.0			8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090280	Aftermarket, shorter than OE	
4.0			8.3x11.5	4.0	102	211x292	102	2.3	31	2	M090534	Aftermarket, shorter than OE	
4.0			11.0	5.0	102	279	127	1.3	17	2	M111028	Inlet dimension is OD	
5.0			10x15	5.0	127	254x381	127	1.4	18	2	M120108	For off-hwy, shorter than OE	
5.0			10x15	5.0	127	254x381	127	1.4	19	2	M120365	Aftermarket	
5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120448	OE replacement			
3126B	210 to 230	3.0	11.0	4.0	76	279	102	1.4	19	1	M111029	OE replacement	
		4.0	10.0	4.0	102	254	102	2.3	31	2	M100048	Aftermarket	
		4.0	11.0	4.0	102	279	102	2.2	30	2	M110012		
		4.0	11.0	4.0	102	279	102	2.0	27	2	M110189	OE replacement	
		4.0	11.0	5.0	102	279	127	1.2	16	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	1.7	23	2	M120100	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.2	30	2	M090280	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.1	29	2	M090534	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120365	Aftermarket	
5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120448	OE replacement			
3126B	250	3.0	11.0	4.0	76	279	102	1.7	23	1	M111029	OE replacement	
		4.0	10.0	4.0	102	254	102	2.8	38	2	M100048	Aftermarket	
		4.0	11.0	4.0	102	279	102	2.7	37	2	M110012		
		4.0	11.0	4.0	102	279	102	2.4	33	2	M110189	OE replacement	
		4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090280	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.6	35	2	M090534	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120365	Aftermarket	
5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement			
3126B	275 to 300	3.0	11.0	4.0	76	279	102	1.8	25	1	M111029	OE replacement	
		4.0	11.0	4.0	102	279	102	2.9	40	2	M110012		
		4.0	11.0	4.0	102	279	102	2.6	36	2	M110189	OE replacement	
		4.0	11.0	5.0	102	279	127	1.5	21	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	2.2	30	2	M120100	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	3.0	40	2	M090280	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.8	38	2	M090534	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120448	OE replacement	
3126B	330	3.0	11.0	4.0	76	279	102	2.3	31	1	M111029	OE replacement	
		4.0	10x15	4.0	102	254x381	102	2.7	37	2	M120100	Aftermarket, shorter than OE	
		4.0	11.0	5.0	102	279	127	1.9	26	2	M111028	Inlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120448	OE replacement	
C-10	305 to 370	3.0	11.0	4.0	76	279	102	2.4	32	1	M111029	OE replacement	
		4.0	11.0	5.0	102	279	127	2.0	27	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	2.9	39	2	M120100	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120365	Aftermarket	

Truck Engine Muffler Application



Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes			
			inches			mm			inches of Hg	inches of H ₂ O					
			Inlet	Body	Outlet	Inlet	Body	Outlet							
 Engine	C-12	335	5.0	10x15	5.0	127	254x381	127	2.3	32	2	M120448	OE replacement		
			3.0	11.0	4.0	76	279	102	2.5	35	1	M111029	OE replacement		
			3.0	11.0	4.0	76	279	102	2.6	35	1	M111029	OE replacement		
			4.0	11.0	5.0	102	279	127	2.1	29	2	M111028	Inlet dimension is OD		
			4.0	11.0	5.0	102	279	127	2.2	30	2	M111028	Inlet dimension is OD		
			5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	2.4	32	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120448	OE replacement		
			5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120448	OE replacement		
			C-12	380 to 430	3.0	11.0	4.0	76	279	102	2.8	38	1	M111029	OE replacement
					4.0	11.0	5.0	102	279	127	2.4	32	2	M111028	Inlet dimension is OD
4.0	11.0	5.0			102	279	127	2.8	38	2	M111028	Inlet dimension is OD			
5.0	10x15	5.0			127	254x381	127	2.5	34	2	M120108	For off-hwy, shorter than OE			
5.0	10x15	5.0			127	254x381	127	2.6	36	2	M120365	Aftermarket			
C-15	355	5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120448	OE replacement			
		5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120108	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE			
		6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE			
C-15	375	5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE			
		6.0	10x15	6.0	152	254x381	152	2.0	27	2	M122300	For off-hwy, shorter than OE			
C-15	435 to 500	6.0	10x15	6.0	152	254x381	152	2.5	34	2	M122300	For off-hwy, shorter than OE			
C-16	575 to 600	6.0	10x15	6.0	152	254x381	152	2.7	37	2	M122300	For off-hwy, shorter than OE			
3406E	355	4.0	11.0	5.0	102	279	127	2.8	38	2	M111028	Inlet dimension is OD			
		5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120108	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE			
		6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE			
3406E	375	5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE			
		6.0	10x15	6.0	152	254x381	152	2.0	27	2	M122300	For off-hwy, shorter than OE			
3406E	435 to 455	5.0	10x15	5.0	127	254x381	127	2.8	37	2	M120225	For off-hwy, shorter than OE			
		6.0	10x15	6.0	152	254x381	152	2.3	31	2	M122300	For off-hwy, shorter than OE			
3406E	475 to 500	6.0	10x15	6.0	152	254x381	152	2.5	34	2	M122300	For off-hwy, shorter than OE			
3406E	575 to 600	6.0	10x15	6.0	152	254x381	152	2.7	37	2	M122300	For off-hwy, shorter than OE			
3406B	350	5.0	10x15	5.0	127	254x381	127	1.9	26	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120450	OE replacement			
3406B	400 to 460	5.0	10x15	5.0	127	254x381	127	2.5	33	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.9	39	5	M120450	OE replacement			
C-12	335	5.0	10x15	5.0	127	254x381	127	1.5	20	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.9	40	5	M120176	Aftermarket, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.9	40	5	M120189	Aftermarket, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	1.7	24	5	M120450	OE replacement			
C-12	355 to 430	5.0	10x15	5.0	127	254x381	127	1.7	23	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120450	OE replacement			
C-15	355	5.0	10x15	5.0	127	254x381	127	1.9	26	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.2	31	5	M120450	OE replacement			
C-15	375	5.0	10x15	5.0	127	254x381	127	2.4	33	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120450	OE replacement			
3406E	355	5.0	10x15	5.0	127	254x381	127	1.9	26	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120450	OE replacement			
3406E	375	5.0	10x15	5.0	127	254x381	127	2.4	33	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120450	OE replacement			
3406E	435	5.0	10x15	5.0	127	254x381	127	2.7	37	5	M120131	For off-hwy, shorter than OE			
3406E	455	5.0	10x15	5.0	127	254x381	127	2.8	37	5	M120131	For off-hwy, shorter than OE			

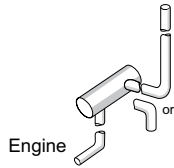


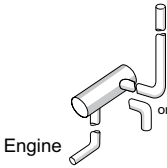
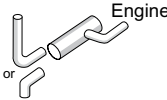
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	3116	170-185	3.5	8.3x11.5	4.0	89	211x292	102	2.6	35	4	M090547	OE replacement
			3.5	8.3x11.5	4.0	89	211x292	102	1.6	21	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	2.0	28	4	M100052	
			4.0	10.0	5.0	102	254	127	1.9	26	4	M100635	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110112	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110148	
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110311	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.0	13	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.0	14	4	M120366	OE replacement
3116	220-275	3.5	8.3x11.5	4.0	89	211x292	102	2.3	31	4	M090548	OE replacement	
		4.0	10.0	4.0	102	254	102	2.9	40	4	M100052		
		4.0	10.0	5.0	102	254	127	2.7	37	4	M100635		
		4.0	11.0	4.0	102	279	102	2.4	33	4	M110112		
		4.0	11.0	4.0	102	279	102	2.4	33	4	M110148		
		4.0	11.0	4.0	102	279	102	2.4	33	4	M110311	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	2.9	39	4	M120367	Aftermarket, shorter than OE	
		5.0	11.0	5.0	127	279	127	1.4	19	4	M110014	OE replacement	
3116	300	5.0	11.0	5.0	127	279	127	2.1	28	4	M110014	OE replacement	
		5.0	10x15	5.0	127	254x381	127	2.2	30	4	M120366	OE replacement	
3176	275 to 300	4.0	10.0	4.0	102	254	102	2.8	38	4	M100052		
		5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement	
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110112		
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110148		
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110311	Inlet dimension is OD	
		4.0	11.0	4.0	102	279	102	2.0	28	4	M111025	Inlet & outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement	
3176	350 to 365	5.0	11.0	5.0	127	279	127	1.7	24	4	M110014	OE replacement	
		4.0	11.0	4.0	102	279	102	2.7	36	4	M111025	Inlet & outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.8	25	4	M120366	OE replacement	
3306	300	5.0	11.0	5.0	127	279	127	1.8	24	4	M110014	OE replacement	
		4.0	11.0	4.0	102	279	102	2.7	37	4	M111025	Inlet & outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.8	25	4	M120366	OE replacement	
3306B	245	4.0	10.0	4.0	102	254	102	2.6	36	4	M100052		
		5.0	11.0	5.0	127	279	127	1.2	17	4	M110014	OE replacement	
		4.0	11.0	4.0	102	279	102	2.2	29	4	M110112		
		4.0	11.0	4.0	102	279	102	2.2	29	4	M110148		
		4.0	11.0	4.0	102	279	102	2.2	29	4	M110311	Inlet dimension is OD	
		4.0	11.0	4.0	102	279	102	1.9	26	4	M111025	Inlet & outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.3	18	4	M120366	OE replacement	
		4.0	10x15	4.0	102	254x381	102	2.5	35	4	M120367	Aftermarket, shorter than OE	
3306B	285	5.0	11.0	5.0	127	279	127	1.5	21	4	M110014	OE replacement	
		4.0	11.0	4.0	102	279	102	2.6	36	4	M110112		
		4.0	11.0	4.0	102	279	102	2.6	36	4	M110148		
		4.0	11.0	4.0	102	279	102	2.3	32	4	M111025	Inlet & outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120366	OE replacement	
3306B	300	5.0	11.0	5.0	127	279	127	1.7	23	4	M110014	OE replacement	
		4.0	11.0	4.0	102	279	102	2.6	35	4	M111025	Inlet & outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.8	24	4	M120366	OE replacement	
3406B	Multi-Torque 300-310	5.0	11.0	5.0	127	279	127	2.0	27	4	M110014	OE replacement	
		5.0	10x15	5.0	127	254x381	127	2.1	29	4	M120366	OE replacement	
3406B	330	5.0	11.0	5.0	127	279	127	2.4	32	4	M110014	OE replacement	
		5.0	10x15	5.0	127	254x381	127	2.5	34	4	M120366	OE replacement	

Truck Engine Muffler Application



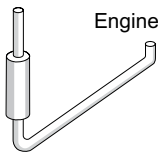
Engine Make & Exhaust System Configuration		Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes		
				inches			mm			inches of Hg	H ₂ O				
				Inlet	Body	Outlet	Inlet	Body	Outlet						
	3126B	175	4.0	10.0	4.0	102	254	102	2.1	29	4	M100052			
			5.0	11.0	5.0	127	279	127	1.0	14	4	M110014	OE replacement		
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110112			
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110148			
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110311	Inlet dimension is OD		
			4.0	11.0	4.0	102	279	102	1.5	21	4	M111025	Inlet & outlet dimension is OD		
			5.0	10x15	5.0	127	254x381	127	1.1	14	4	M120366	OE replacement		
			4.0	10x15	4.0	102	254x381	102	2.1	28	4	M120367	Aftermarket, shorter than OE		
			3126B	190	4.0	10.0	4.0	102	254	102	2.6	35	4	M100052	
					5.0	11.0	5.0	127	279	127	1.2	17	4	M110014	OE replacement
4.0	11.0	4.0			102	279	102	2.1	29	4	M110112				
4.0	11.0	4.0			102	279	102	2.1	29	4	M110148				
4.0	11.0	4.0			102	279	102	2.1	29	4	M110311	Inlet dimension is OD			
4.0	11.0	4.0			102	279	102	1.9	26	4	M111025	Inlet & outlet dimension is OD			
5.0	10x15	5.0			127	254x381	127	1.3	18	4	M120366	OE replacement			
4.0	10x15	4.0			102	254x381	102	2.5	34	4	M120367	Aftermarket, shorter than OE			
3126B	210 to 230	4.0			10.0	4.0	102	254	102	2.4	32	4	M100052		
		5.0			11.0	5.0	127	279	127	1.1	15	4	M110014	OE replacement	
		4.0	11.0	4.0	102	279	102	1.9	26	4	M110112				
		4.0	11.0	4.0	102	279	102	1.9	26	4	M110148				
		4.0	11.0	4.0	102	279	102	1.9	26	4	M110311	Inlet dimension is OD			
		4.0	11.0	4.0	102	279	102	1.7	23	4	M111025	Inlet & outlet dimension is OD			
		5.0	10x15	5.0	127	254x381	127	1.2	16	4	M120366	OE replacement			
		4.0	10x15	4.0	102	254x381	102	2.3	31	4	M120367	Aftermarket, shorter than OE			
		3126B	250	4.0	10.0	4.0	102	254	102	2.9	39	4	M100052		
				5.0	11.0	5.0	127	279	127	1.4	18	4	M110014	OE replacement	
4.0	11.0			4.0	102	279	102	2.4	32	4	M110112				
4.0	11.0			4.0	102	279	102	2.4	32	4	M110148				
4.0	11.0			4.0	102	279	102	2.4	32	4	M110311	Inlet dimension is OD			
4.0	11.0			4.0	102	279	102	2.1	28	4	M111025	Inlet & outlet dimension is OD			
5.0	10x15			5.0	127	254x381	127	1.4	19	4	M120366	OE replacement			
4.0	10x15			4.0	102	254x381	102	2.8	38	4	M120367	Aftermarket, shorter than OE			
3126B	275			4.0	10.0	4.0	102	254	102	2.8	39	4	M100052		
				5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement	
		4.0	11.0	4.0	102	279	102	2.3	32	4	M110112				
		4.0	11.0	4.0	102	279	102	2.3	32	4	M110148				
		4.0	11.0	4.0	102	279	102	2.3	32	4	M110311	Inlet dimension is OD			
		4.0	11.0	4.0	102	279	102	2.1	28	4	M111025	Inlet & outlet dimension is OD			
		5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement			
		4.0	10x15	4.0	102	254x381	102	2.7	37	4	M120367	Aftermarket, shorter than OE			
		3126B	300	5.0	11.0	5.0	127	279	127	1.5	20	4	M110014	OE replacement	
				4.0	11.0	4.0	102	279	102	2.6	35	4	M110112		
4.0	11.0			4.0	102	279	102	2.6	35	4	M110148				
4.0	11.0			4.0	102	279	102	2.6	35	4	M110311	Inlet dimension is OD			
4.0	11.0			4.0	102	279	102	2.3	31	4	M111025	Inlet & outlet dimension is OD			
5.0	10x15			5.0	127	254x381	127	1.5	21	4	M120366	OE replacement			
3126B	330	5.0	11.0	5.0	127	279	127	1.8	25	4	M110014	OE replacement			
		4.0	11.0	4.0	102	279	102	2.8	38	4	M111025	Inlet & outlet dimension is OD			
		5.0	10x15	5.0	127	254x381	127	1.9	26	4	M120366	OE replacement			
C-10	305 to 370	5.0	11.0	5.0	127	279	127	1.9	26	4	M110014	OE replacement			
		4.0	11.0	4.0	102	279	102	3.0	40	4	M111025	Inlet & outlet dimension is OD			
		5.0	10x15	5.0	127	254x381	127	2.0	28	4	M120366	OE replacement			
3316	170-185	4.0	10.0	4.0	102	254	102	2.1	28	6	M100572				
		4.0	10.0	4.0	102	254	102	2.1	28	6	M100865				
		4.0	11.0	4.0	102	279	102	1.6	22	6	M111026	Outlet dimension is O.D.			
		5.0	10x15	5.0	127	254x381	127	1.1	14	6	M120418	For off-hwy, shorter than OE			
3316	220-275	4.0	11.0	4.0	102	279	102	2.3	32	6	M111026	Outlet dimension is OD			
		5.0	10x15	5.0	127	254x381	127	1.5	21	6	M120418	For off-hwy, shorter than OE			
3316	300	5.0	10x15	5.0	127	254x381	127	2.3	31	6	M120418	For off-hwy, shorter than OE			
3176	365	4.0	11.0	4.0	102	279	102	2.9	40	6	M111026	Outlet dimension is OD			
		5.0	10x15	5.0	127	254x381	127	1.9	26	6	M120418	For off-hwy, shorter than OE			
3176	275 to 300	4.0	10.0	4.0	102	254	102	2.9	39	6	M100572				
		4.0	11.0	4.0	102	279	102	2.2	30	6	M111026	Outlet dimension is OD			
		5.0	10x15	5.0	127	254x381	127	1.4	20	6	M120418	For off-hwy, shorter than OE			
3176	350	5.0	10x15	5.0	127	254x381	127	1.8	25	6	M120418	For off-hwy, shorter than OE			
		4.0	11.0	4.0	102	279	102	2.8	38	6	M111026	Outlet dimension is OD			



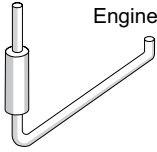
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	3306	300	5.0	10x15	5.0	127	254x381	127	1.9	26	6	M120418	For off-hwy, shorter than OE
			4.0	11.0	4.0	102	279	102	3.0	40	6	M111026	Outlet dimension is OD
	3306B	245	4.0	10.0	4.0	102	254	102	2.7	37	6	M100572	
			4.0	11.0	4.0	102	279	102	2.1	28	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	18	6	M120418	For off-hwy, shorter than OE
	3306B	285 to 300	4.0	11.0	4.0	102	279	102	2.8	38	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.8	25	6	M120418	For off-hwy, shorter than OE
	3406B	Multi-Torque 300-310	5.0	10x15	5.0	127	254x381	127	2.2	30	6	M120418	For off-hwy, shorter than OE
	3406B	330	5.0	10x15	5.0	127	254x381	127	2.6	35	6	M120418	For off-hwy, shorter than OE
	3126B	175	4.0	10.0	4.0	102	254	102	2.2	30	6	M100572	
			4.0	11.0	4.0	102	279	102	1.7	23	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.1	15	6	M120418	For off-hwy, shorter than OE
	3126B	190	4.0	10.0	4.0	102	254	102	2.7	36	6	M100572	
			4.0	11.0	4.0	102	279	102	2.1	28	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.3	18	6	M120418	For off-hwy, shorter than OE
	3126B	210 to 230	4.0	10.0	4.0	102	254	102	2.4	33	6	M100572	
			4.0	11.0	4.0	102	279	102	1.9	25	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	16	6	M120418	For off-hwy, shorter than OE
	3126B	250	4.0	10.0	4.0	102	254	102	2.9	40	6	M100572	
			4.0	11.0	4.0	102	279	102	1.9	25	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	16	6	M120418	For off-hwy, shorter than OE
	3126B	275	4.0	10.0	4.0	102	254	102	2.9	40	6	M100572	
			4.0	11.0	4.0	102	279	102	1.9	25	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	16	6	M120418	For off-hwy, shorter than OE
	3126B	300	4.0	11.0	4.0	102	279	102	2.5	33	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.6	22	6	M120418	For off-hwy, shorter than OE
	3126B	330	5.0	10x15	5.0	127	254x381	127	2.0	27	6	M120418	For off-hwy, shorter than OE
	C-10	305 to 335	4.0	11.0	4.0	102	279	102	2.9	39	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	25	6	M120418	For off-hwy, shorter than OE
	C-10	350 to 370	5.0	10x15	5.0	127	254x381	127	2.1	28	6	M120418	For off-hwy, shorter than OE
	3116	170-185	4.0	11.0	4.0	102	279	102	2.2	30	3	M110479	
			4.0	11.0	4.0	102	279	102	2.0	28	3	M110674	
			4.0	11.0		102	279	0	2.0	27	3	M111024	Outlet has down spout
			4.0	10x15	5.0	102	254x381	127	1.2	16	3	M120566	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.3	18	3	M120235	OE replacement
	3116	200-275	4.0	11.0	4.0	102	279	102	2.9	40	3	M110674	
			4.0	11.0		102	279	0	2.9	39	3	M111024	Outlet has down spout
			4.0	10x15	5.0	102	254x381	127	1.7	23	3	M120566	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.9	26	3	M120235	OE replacement
	3116	300	4.0	10x15	5.0	102	254x381	127	2.6	35	3	M120566	OE replacement
	3176	275	4.0	11.0	4.0	102	279	102	2.6	36	3	M110479	
			4.0	11.0	4.0	102	279	102	2.4	33	3	M110674	Band clamp on inlet
4.0			11.0		102	279		2.4	32	3	M111024	Outlet has down spout	
5.0			10x15	5.0	127	254x381	127	1.6	21	3	M120235	OE replacement	
3176	300	4.0	11.0	4.0	102	279	102	2.8	38	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.7	37	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.8	25	3	M120235	OE replacement	
3176	350 to 365	5.0	10x15	5.0	127	254x381	127	2.4	32	3	M120235	OE replacement	
3306	300	5.0	10x15	5.0	127	254x381	127	2.4	33	3	M120235	OE replacement	
3306B	245	4.0	11.0	4.0	102	279	102	2.9	39	3	M110479		
		4.0	11.0	4.0	102	279	102	2.6	36	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.6	35	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.7	23	3	M120235	OE replacement	
3306B	285 to 300	5.0	10x15	5.0	127	254x381	127	2.3	31	3	M120235	OE replacement	

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
	3126B	175	4.0	11.0	4.0	102	279	102	2.3	31	3	M110479	
			4.0	11.0	4.0	102	279	102	2.1	29	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.1	28	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.4	19	3	M120235	OE replacement
	3126B	190	4.0	11.0	4.0	102	279	102	2.8	38	3	M110479	
			4.0	11.0	4.0	102	279	102	2.6	35	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.5	34	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.7	23	3	M120235	OE replacement
	3126B	210 to 230	4.0	11.0	4.0	102	279	102	2.6	35	3	M110479	
			4.0	11.0	4.0	102	279	102	2.4	32	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.3	31	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.5	21	3	M120235	OE replacement
	3126B	250	4.0	11.0	4.0	102	279	102	2.9	39	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.8	38	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	25	3	M120235	OE replacement
	3126B	275	4.0	11.0	4.0	102	279	102	2.8	39	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.7	37	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.8	25	3	M120235	OE replacement
	3126B	300	5.0	10x15	5.0	127	254x381	127	2.0	27	3	M120235	OE replacement
	3126B	330	5.0	10x15	5.0	127	254x381	127	2.5	34	3	M120235	OE replacement
	C-10	305 to 370	5.0	10x15	5.0	127	254x381	127	2.6	36	3	M120235	OE replacement

Cummins

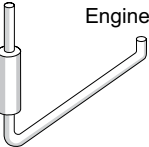
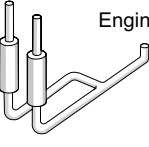


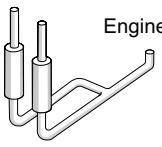
	ISM	310 to 350	4.0	8.5	4.0	102	216	102	1.2	17	1	M085171	
			4.0	9.0	5.0	102	229	127	1.7	24	1	M090781	
			5.0	9.0	5.0	127	229	127	1.5	20	1	M090074	
			5.0	9.0	5.0	127	229	127	0.8	11	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.8	11	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.6	21	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.6	22	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.3	18	1	M110849	
				ISM	370 to 450	4.0	8.5	4.0	102	216	102	1.5	21	1	M085171
4.0	9.0	5.0				102	229	127	2.2	29	1	M090781	
5.0	9.0	5.0				127	229	127	1.8	25	1	M090074	
5.0	9.0	5.0				127	229	127	1.0	13	1	M090535	Low backpressure, off-hwy
5.0	10.0	5.0				127	254	127	1.0	13	1	M100463	Low backpressure, off-hwy
5.0	10.0	5.0				127	254	127	1.9	26	1	M100465	Best value, most popular
5.0	10.0	5.0				127	254	127	2.1	28	1	M100580	OE replacement
5.0	10.0	5.0				127	254	127	2.2	30	1	M100807	60" (1524mm) Long Body
5.0	10.0	5.0				127	254	127	1.6	22	1	M100944	OE replacement for higher HP
5.0	10.0	5.0				127	254	127	2.0	27	1	M101158	Silent Partner Stainless
5.0	10.0	5.0				127	254	127	2.0	27	1	M101181	Silent Partner Aluminized
5.0	10.0	5.0				127	254	127	2.1	28	1	M101263	Freightliner only
5.0	11.0	5.0				127	279	127	1.6	22	1	M110849	
	ISM	500				4.0	8.5	4.0	102	216	102	1.7	24	1	M085171
			4.0	9.0	5.0	102	229	127	2.5	34	1	M090781	
			5.0	9.0	5.0	127	229	127	2.1	29	1	M090074	
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.5	35	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.9	25	1	M110849	
				ISX	400	5.0	9.0	5.0	127	229	127	2.0	27	1	M090074
5.0	9.0	5.0				127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy
4.0	9.0	5.0				102	229	127	2.4	32	1	M090781	
5.0	10.0	5.0				127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy
5.0	10.0	5.0				127	254	127	2.1	29	1	M100465	Best value, most popular
5.0	10.0	5.0				127	254	127	2.3	31	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	33	1	M100807	60" (1524mm) Long Body

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg H ₂ O		Muffler Style & Part No.	Notes	
			Inlet	Body	Outlet	Inlet	Body	Outlet					
 Engine			5.0	10.0	5.0	127	254	127	1.8	24	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.2	29	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.2	29	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.8	24	1	M110849	
ISX	450 to 475		5.0	9.0	5.0	127	229	127	2.6	35	1	M090074	
			5.0	9.0	5.0	127	229	127	1.4	19	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.8	37	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.8	38	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.8	38	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.3	31	1	M110849	
ISX	500		5.0	9.0	5.0	127	229	127	2.8	38	1	M090074	
			5.0	9.0	5.0	127	229	127	1.5	20	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.5	20	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100944	OE replacement for higher HP
ISX	600		5.0	9.0	5.0	127	229	127	2.0	27	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.0	27	1	M100463	Low backpressure, off-hwy
L10	260 to 280		4.0	8.5	4.0	102	216	102	0.6	8	1	M085171	
			4.0	9.0	5.0	102	229	127	0.5	6	1	M090781	
			5.0	9.0	5.0	127	229	127	0.7	10	1	M090074	
			5.0	10.0	5.0	127	254	127	0.8	11	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	0.8	11	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	0.9	12	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	0.8	11	1	M101158	
			5.0	10.0	5.0	127	254	127	0.8	11	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	0.8	11	1	M101263	Freightliner only
			5.0	10.0	5.0	127	254	127	0.7	9	1	M110944	
L10	300 to 375		5.0	11.0	5.0	127	279	127	0.7	9	1	M110849	
			4.0	8.5	4.0	102	216	102	0.5	7	1	M085171	
			4.0	9.0	5.0	102	229	127	0.4	5	1	M090781	
			5.0	9.0	5.0	127	229	127	0.6	9	1	M090074	
			5.0	10.0	5.0	127	254	127	0.7	9	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	0.7	10	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	0.8	11	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	0.7	9	1	M101158	
			5.0	10.0	5.0	127	254	127	0.7	9	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	0.7	10	1	M101263	Freightliner only
M11	400		5.0	11.0	5.0	127	279	127	0.6	8	1	M110849	
			4.0	8.5	4.0	102	216	102	1.0	13	1	M085171	
			4.0	9.0	5.0	102	229	127	1.4	19	1	M090781	
			5.0	9.0	5.0	127	229	127	1.2	16	1	M090074	
			5.0	9.0	5.0	127	229	127	0.6	8	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.6	8	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.2	17	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.0	14	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.2	17	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.2	17	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101263	Freightliner only
N14	330		5.0	10.0	5.0	127	254	127	1.0	14	1	M110849	
			4.0	8.5	4.0	102	216	102	1.4	19	1	M085171	
			4.0	9.0	5.0	102	229	127	1.9	26	1	M090781	
			5.0	9.0	5.0	127	229	127	1.6	22	1	M090074	
			5.0	9.0	5.0	127	229	127	0.9	12	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	0.9	12	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.7	24	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.0	27	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.5	20	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.8	25	1	M101263	Freightliner only
	5.0	11.0	5.0	127	279	127	1.5	20	1	M110849			

Truck Engine Muffler Application

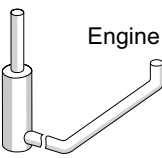
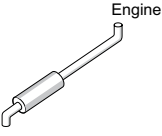


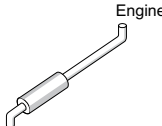
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
			Inlet	Body	Outlet	Inlet	Body	Outlet					
 Engine	N14	350 to 435	4.0	8.5	4.0	102	216	102	2.2	30	1	M085171	
			5.0	9.0	5.0	127	229	127	2.7	36	1	M090074	
			5.0	9.0	5.0	127	229	127	1.4	19	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.4	19	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.8	39	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.9	39	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.9	39	1	M101181	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	2.4	32	1	M110849	
N14	460	5.0	9.0	5.0	127	229	127	2.9	39	1	M090074		
		5.0	9.0	5.0	127	229	127	1.5	21	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.5	21	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	2.6	35	1	M100944	OE replacement for higher HP	
		5.0	11.0	5.0	127	279	127	2.6	35	1	M110849		
N14	500 to 550	5.0	9.0	5.0	127	229	127	1.8	25	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.8	25	1	M100463	Low backpressure, off-hwy	
NTC	400	4.0	8.5	4.0	102	216	102	2.5	34	1	M085171		
		5.0	9.0	5.0	127	229	127	1.6	22	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.6	22	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	2.7	37	1	M100944	OE replacement for higher HP	
Signature	500	4.0	8.5	4.0	102	216	102	2.2	30	1	M085171		
		5.0	9.0	5.0	127	229	127	2.6	36	1	M090074		
		5.0	9.0	5.0	127	229	127	1.4	19	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.4	19	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	2.8	38	1	M100465	Best value, most popular	
		5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement	
		5.0	10.0	5.0	127	254	127	2.3	32	1	M100944	OE replacement for higher HP	
		5.0	10.0	5.0	127	254	127	2.8	39	1	M101158	Silent Partner Stainless	
		5.0	10.0	5.0	127	254	127	2.8	39	1	M101181	Silent Partner Aluminized	
		5.0	10.0	5.0	127	254	127	2.9	40	1	M101263	Freightliner only	
Signature	565	4.0	8.5	4.0	102	216	102	2.4	33	1	M085171		
		5.0	9.0	5.0	127	229	127	2.9	39	1	M090074		
		5.0	9.0	5.0	127	229	127	1.5	21	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.5	21	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	2.6	35	1	M100944	OE replacement for higher HP	
Signature	600	4.0	8.5	4.0	102	216	102	2.7	37	1	M085171		
		5.0	9.0	5.0	127	229	127	1.8	24	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.8	24	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	2.9	40	1	M100944	OE replacement for higher HP	
		5.0	11.0	5.0	127	279	127	2.9	40	1	M110849		
 Engine	ISM	310 to 350	4.0	9.0	4.0	102	229	102	0.7	10	1	M090544	
			4.0	10.0	4.0	102	254	102	0.8	10	1	M100466	
			4.0	10.0	5.0	102	254	127	1.2	17	1	M100695	
			4.0	10.3	4.0	102	262	102	1.4	20	1	M100464	Wrapped muffler
			5.0	10.0	5.0	127	254	127	0.9	13	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	0.9	13	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	0.9	13	1	M101182	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	0.9	13	1	M101182	Silent Partner Aluminized
ISM	370 to 450	4.0	9.0	4.0	102	229	102	0.9	12	1	M090544		
		4.0	10.0	4.0	102	254	102	0.9	13	1	M100466		
		4.0	10.0	5.0	102	254	127	1.5	21	1	M100695		
		4.0	10.3	4.0	102	262	102	1.8	24	1	M100464	Wrapped muffler	
		5.0	10.0	5.0	127	254	127	1.2	16	1	M100582	OE replacement	
		5.0	10.0	5.0	127	254	127	1.2	16	1	M101159	Silent Partner Stainless	
ISM	500	4.0	9.0	4.0	102	229	102	1.0	14	1	M090544		
		4.0	10.3	4.0	102	262	102	2.1	28	1	M100464	Wrapped muffler	
		4.0	10.0	4.0	102	254	102	1.1	15	1	M100466		
		5.0	10.0	5.0	127	254	127	1.3	18	1	M100582	OE replacement	
		4.0	10.0	5.0	102	254	127	1.7	24	1	M100695		
		5.0	10.0	5.0	127	254	127	1.3	18	1	M101159	Silent Partner Stainless	
ISX	400 to 500	4.0	9.0	4.0	102	229	102	1.4	19	1	M090544		
		4.0	10.0	4.0	102	254	102	1.5	20	1	M100466		
		4.0	10.0	5.0	102	254	127	2.3	31	1	M100695		
		4.0	10.3	4.0	102	262	102	2.7	37	1	M100464	Wrapped muffler	

Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg		Muffler Style & Part No.	Notes			
			Inlet	Body	Outlet	Inlet	Body	Outlet		H ₂ O					
	ISX	600	5.0	10.0	5.0	127	254	127	1.8	24	1	M100582	OE replacement		
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101159	Silent Partner Stainless		
			5.0	10.0	5.0	127	254	127	1.8	24	1	M101182	Silent Partner Aluminized		
			4.0	9.0	4.0	102	229	102	1.8	25	1	M090544			
			4.0	10.0	4.0	102	254	102	1.9	26	1	M100466			
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100582	OE replacement		
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101159	Silent Partner Stainless		
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101182	Silent Partner Aluminized		
			L10	260 to 280	4.0	9.0	4.0	102	229	102	0.4	5	1	M090544	
					4.0	10.0	4.0	102	254	102	0.4	5	1	M100466	
4.0	10.0	5.0			102	254	127	0.6	8	1	M100695				
4.0	10.3	4.0			102	262	102	0.7	10	1	M100464	Wrapped muffler			
5.0	10.0	5.0			127	254	127	0.5	6	1	M100582	OE replacement			
5.0	10.0	5.0			127	254	127	0.5	6	1	M101182	Silent Partner Aluminized			
5.0	10.0	5.0			127	254	127	0.5	6	1	M101159	Silent Partner Stainless			
L10	300-375	4.0			9.0	4.0	102	229	102	0.4	5	1	M090544		
		4.0	10.0	4.0	102	254	102	0.4	6	1	M100466				
		4.0	10.0	5.0	102	254	127	0.7	9	1	M100695				
		4.0	10.3	4.0	102	262	102	0.8	11	1	M100464	Wrapped muffler			
		5.0	10.0	5.0	127	254	127	0.5	7	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	0.5	7	1	M101182	Silent Partner Aluminized			
		5.0	10.0	5.0	127	254	127	0.5	7	1	M101159	Silent Partner Stainless			
M11	400	4.0	9.0	4.0	102	229	102	0.6	8	1	M090544				
		4.0	10.0	5.0	102	254	127	1.0	13	1	M100695				
		4.0	10.3	4.0	102	262	102	1.1	15	1	M100464	Wrapped muffler			
		5.0	10.0	5.0	127	254	127	0.7	10	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	0.7	10	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	0.7	10	1	M101182	Silent Partner Aluminized			
N14	330 to 350	4.0	9.0	4.0	102	229	102	1.1	15	1	M090544				
		4.0	10.0	4.0	102	254	102	1.2	16	1	M100466				
		4.0	10.0	5.0	102	254	127	1.9	25	1	M100695				
		4.0	10.3	4.0	102	262	102	2.2	30	1	M100464	Wrapped muffler			
		5.0	10.0	5.0	127	254	127	1.4	19	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	1.4	19	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	1.4	19	1	M101182	Silent Partner Aluminized			
N14	370 to 410	4.0	9.0	4.0	102	229	102	1.2	17	1	M090544				
		4.0	10.0	4.0	102	254	102	1.3	18	1	M100466				
		4.0	10.0	5.0	102	254	127	2.1	29	1	M100695				
		4.0	10.3	4.0	102	262	102	2.5	34	1	M100464	Wrapped muffler			
		5.0	10.0	5.0	127	254	127	1.6	22	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	1.6	22	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	1.6	22	1	M101182	Silent Partner Aluminized			
N14	435 to 460	4.0	9.0	4.0	102	229	102	1.4	19	1	M090544				
		4.0	10.0	4.0	102	254	102	1.5	20	1	M100466				
		4.0	10.0	5.0	102	254	127	2.4	32	1	M100695				
		4.0	10.3	4.0	102	262	102	2.8	38	1	M100464	Wrapped muffler			
		5.0	10.0	5.0	127	254	127	1.8	25	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	1.8	25	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	1.8	25	1	M101182	Silent Partner Aluminized			
N14	500 to 550	4.0	9.0	4.0	102	229	102	1.7	23	1	M090544				
		4.0	10.0	4.0	102	254	102	1.8	24	1	M100466				
		4.0	10.0	5.0	102	254	127	2.9	39	1	M100695				
		5.0	10.0	5.0	127	254	127	2.2	30	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	2.2	30	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	2.2	30	1	M101182	Silent Partner Aluminized			
NTC	400	4.0	9.0	4.0	102	229	102	1.5	20	1	M090544				
		4.0	10.0	4.0	102	254	102	1.6	21	1	M100466				
		4.0	10.0	5.0	102	254	127	2.5	34	1	M100695				
		4.0	10.3	4.0	102	262	102	3.0	40	1	M100464	Wrapped muffler			
		5.0	10.0	5.0	127	254	127	1.9	26	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101159	Silent Partner Stainless			
Signature	500 to 600	4.0	9.0	4.0	102	229	102	1.6	22	1	M090544				
		4.0	10.0	4.0	102	254	102	1.7	23	1	M100466				
		4.0	10.0	5.0	102	254	127	2.7	37	1	M100695				
		5.0	10.0	5.0	127	254	127	2.1	29	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	2.1	29	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	2.1	29	1	M101182	Silent Partner Aluminized			

Truck Engine Muffler Application



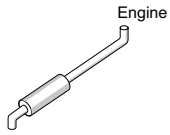
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes			
			inches			mm			inches of Hg	H ₂ O					
			Inlet	Body	Outlet	Inlet	Body	Outlet							
 Engine	6BT	230	4.0	9.0	5.0	102	229	127	1.1	15	3	M090823			
			4.0	11.8	5.0	102	300	127	1.2	16	3	M120598			
			5.0	10.0	5.0	127	254	127	1.1	14	3	M100213			
	6CT	300	4.0	9.0	5.0	102	229	127	2.3	31	3	M090823			
			4.0	11.8	5.0	102	300	127	2.4	32	3	M120598			
			5.0	10.0	5.0	127	254	127	2.1	29	3	M100213			
	6CT	250	4.0	9.0	5.0	102	229	127	1.6	21	3	M090823			
			4.0	11.8	5.0	102	300	127	1.7	22	3	M120598			
			5.0	10.0	5.0	127	254	127	1.5	20	3	M100213			
	ISB	185 to 225	4.0	9.0	5.0	102	229	127	1.0	13	3	M090823			
			4.0	10.0	4.0	102	254	102	2.8	38	3	M100146			
			4.0	11.8	5.0	102	300	127	1.0	14	3	M120598			
			5.0	10.0	5.0	127	254	127	0.9	12	3	M100213			
	ISB	240 to 300	4.0	9.0	5.0	102	229	127	1.4	20	3	M090823			
			4.0	11.8	5.0	102	300	127	1.5	21	3	M120598			
5.0			10.0	5.0	127	254	127	1.3	18	3	M100213				
ISC	225 to 315	4.0	9.0	5.0	102	229	127	1.8	24	3	M090823				
		4.0	11.8	5.0	102	300	127	1.8	25	3	M120598				
		5.0	10.0	5.0	127	254	127	1.6	22	3	M100213				
ISC	330	4.0	9.0	5.0	102	229	127	1.8	25	3	M090823				
		4.0	11.8	5.0	102	300	127	1.9	26	3	M120598				
		5.0	10.0	5.0	127	254	127	1.7	23	3	M100213				
ISC	350	4.0	9.0	5.0	102	229	127	2.0	27	3	M090823				
		4.0	11.8	5.0	102	300	127	2.1	28	3	M120598				
		5.0	10.0	5.0	127	254	127	1.8	25	3	M100213				
ISM	310 to 330	4.0	9.0	5.0	102	229	127	1.8	24	3	M090823				
		4.0	11.8	5.0	102	300	127	1.9	25	3	M120598				
		5.0	10.0	5.0	127	254	127	1.7	23	3	M100213				
ISM	350 to 425	4.0	9.0	5.0	102	229	127	2.7	37	3	M090823				
		4.0	11.8	5.0	102	300	127	2.9	39	3	M120598				
		5.0	10.0	5.0	127	254	127	2.6	35	3	M100213				
ISM	450	4.0	9.0	5.0	102	229	127	2.9	39	3	M090823				
		5.0	10.0	5.0	127	254	127	2.7	36	3	M100213				
ISX	400		5.0	10.0	5.0	127	254	127	2.9	40	3	M100213			
L10	260 to 280	4.0	9.0	5.0	102	229	127	1.2	16	3	M090823				
		4.0	11.8	5.0	102	300	127	1.2	17	3	M120598				
		5.0	10.0	5.0	127	254	127	1.1	15	3	M100213				
L10	300 to 375	4.0	9.0	5.0	102	229	127	1.3	17	3	M090823				
		4.0	11.8	5.0	102	300	127	1.3	18	3	M120598				
		5.0	10.0	5.0	127	254	127	1.2	16	3	M100213				
M11	400	4.0	9.0	5.0	102	229	127	1.8	25	3	M090823				
		4.0	11.8	5.0	102	300	127	1.9	26	3	M120598				
		5.0	10.0	5.0	127	254	127	1.7	23	3	M100213				
NTC	255 to 290	4.0	9.0	5.0	102	229	127	1.6	21	3	M090823				
		4.0	11.8	5.0	102	300	127	1.7	23	3	M120598				
		5.0	10.0	5.0	127	254	127	1.5	20	3	M100213				
NTC	300 to 350	4.0	9.0	5.0	102	229	127	2.6	36	3	M090823				
		4.0	11.8	5.0	102	300	127	2.8	38	3	M120598				
		5.0	10.0	5.0	127	254	127	2.5	33	3	M100213				
 Engine	6BT	230	3.0	11.0	4.0	76	279	102	1.2	16	1	M111029	OE replacement		
			4.0	10.0	4.0	102	254	102	2.0	27	2	M100048	Aftermarket		
			4.0	11.0	4.0	102	279	102	1.9	26	2	M110012			
			4.0	11.0	4.0	102	279	102	1.7	24	2	M110189	OE replacement		
			4.0	11.0	5.0	102	279	127	1.0	14	2	M111028	Inlet dimension is OD		
			4.0	10x15	4.0	102	254x381	102	1.4	20	2	M120100	Aftermarket, shorter than OE		
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090280	Aftermarket, shorter than OE		
			4.0	8.3x11.5	4.0	102	211x292	102	1.8	25	2	M090534	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.1	14	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120448	OE replacement		
			6CT	250	4.0	8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090280	Aftermarket, shorter than OE
					3.0	11.0	4.0	76	279	102	1.7	23	1	M111029	OE replacement
					4.0	10.0	4.0	102	254	102	2.7	37	2	M100048	Aftermarket
					4.0	11.0	4.0	102	279	102	2.7	36	2	M110012	

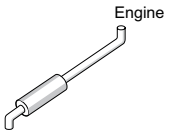
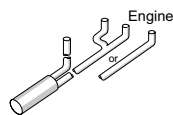
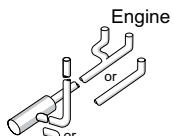
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg H ₂ O		Muffler Style & Part No.	Notes	
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	6CT	300	4.0	11.0	4.0	102	279	102	2.4	33	2	M1110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090534	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	13	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement
			3.0	11.0	4.0	76	279	102	2.4	33	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.0	27	2	M111028	Inlet dimension is OD
4.0	10x15	4.0	102	254x381	102	2.9	39	2	M120100	Aftermarket, shorter than OE			
5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120108	For off-hwy, shorter than OE			
5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120225	For off-hwy, shorter than OE			
5.0	10x15	5.0	127	254x381	127	2.2	31	2	M120365	Aftermarket			
5.0	10x15	5.0	127	254x381	127	2.3	32	2	M120448	OE replacement			
6.0	10x15	6.0	152	254x381	152	1.2	16	2	M122300	For off-hwy, shorter than OE			
ISB	185 to 225	3.0	11.0	4.0	76	279	102	1.0	14	1	M111029	OE replacement	
		3.5	8.3x11.5	3.5	89	211x292	89	2.8	38	2	M090158		
		3.5	8.5x11.8	3.5	89	216x300	89	2.8	38	2	M090210	Wrapped muffler	
		4.0	10.0	4.0	102	254	102	1.7	23	2	M100048	Aftermarket	
		4.0	11.0	4.0	102	279	102	1.7	23	2	M110012		
		4.0	11.0	4.0	102	279	102	1.5	20	2	M110189	OE replacement	
		4.0	11.0	5.0	102	279	127	0.9	12	2	M111028	Inlet dimension is OD	
		4.0	10.3x15.3	4.0	102	261x389	102	2.6	35	2	M120197	Wrapped muffler, OE	
		4.0	10x15	4.0	102	254x381	102	1.2	17	2	M120100	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	1.7	23	2	M090280	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	1.6	21	2	M090534	Aftermarket, shorter than OE	
		4.0	8.3x11.5	3.5	102	211x292	89	2.8	37	2	M090538		
		5.0	10x15	5.0	127	254x381	127	0.9	12	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.0	13	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120448	OE replacement	
ISB	240 to 300	3.0	11.0	4.0	76	279	102	1.5	21	1	M111029	OE replacement	
		4.0	10.0	4.0	102	254	102	2.5	34	2	M100048	Aftermarket	
		4.0	11.0	4.0	102	279	102	2.4	33	2	M110012		
		4.0	11.0	4.0	102	279	102	2.2	30	2	M110189	OE replacement	
		4.0	11.0	5.0	102	279	127	1.3	17	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	1.8	25	2	M120100	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090280	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.3	32	2	M090534	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.4	18	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.4	20	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120448	OE replacement	
		ISC	225 to 240	3.0	11.0	4.0	76	279	102	1.6	22	1	M111029	OE replacement
4.0	10.0			4.0	102	254	102	2.7	36	2	M100048	Aftermarket	
4.0	11.0			4.0	102	279	102	2.6	35	2	M110012		
4.0	11.0			4.0	102	279	102	2.3	32	2	M110189	OE replacement	
4.0	11.0			5.0	102	279	127	1.4	18	2	M111028	Inlet dimension is OD	
4.0	10x15			4.0	102	254x381	102	1.9	26	2	M120100	Aftermarket, shorter than OE	
4.0	8.3x11.5			4.0	102	211x292	102	2.6	35	2	M090280	Aftermarket, shorter than OE	
4.0	8.3x11.5			4.0	102	211x292	102	2.4	33	2	M090534	Aftermarket, shorter than OE	
5.0	10x15			5.0	127	254x381	127	1.4	19	2	M120108	For off-hwy, shorter than OE	
5.0	10x15			5.0	127	254x381	127	1.5	21	2	M120365	Aftermarket	
5.0	10x15			5.0	127	254x381	127	1.6	21	2	M120448	OE replacement	
ISC	260 to 300			3.0	11.0	4.0	76	279	102	1.6	22	1	M111029	OE replacement
		4.0	10.0	4.0	102	254	102	2.7	37	2	M100048	Aftermarket	
		4.0	11.0	4.0	102	279	102	2.6	36	2	M110012		
		4.0	11.0	4.0	102	279	102	2.4	32	2	M110189	OE replacement	
		4.0	11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.7	36	2	M090280	Aftermarket, shorter than OE	
		4.0	8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090534	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement	

Truck Engine Muffler Application

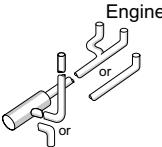


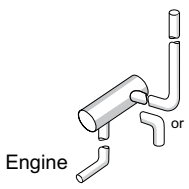
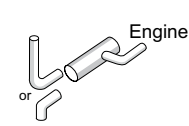
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler		Notes		
			inches			mm			inches of Hg	H ₂ O	Style & Part No.				
			Inlet	Body	Outlet	Inlet	Body	Outlet							
ISC	315 to 330		3.0	11.0	4.0	76	279	102	2.0	27	1	M111029	OE replacement		
			4.0	11.0	4.0	102	279	102	2.8	39	2	M110189	OE replacement		
			4.0	11.0	5.0	102	279	127	1.6	22	2	M111028	Inlet dimension is OD		
			4.0	10x15	4.0	102	254x381	102	2.4	32	2	M120100	Aftermarket, shorter than OE		
			4.0	8.3x11.5	4.0	102	211x292	102	3.0	40	2	M090534	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.7	24	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120448	OE replacement		
ISC	350		3.0	11.0	4.0	76	279	102	2.1	28	1	M111029	OE replacement		
			4.0	11.0	5.0	102	279	127	1.8	24	2	M111028	Inlet dimension is OD		
			4.0	10x15	4.0	102	254x381	102	2.5	34	2	M120100	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120448	OE replacement		
ISM	310 to 330		3.0	11.0	4.0	76	279	102	1.9	26	1	M111029	OE replacement		
			4.0	11.0	4.0	102	279	102	2.7	37	2	M110189	OE replacement		
			4.0	11.0	5.0	102	279	127	1.6	22	2	M111028	Inlet dimension is OD		
			4.0	10x15	4.0	102	254x381	102	2.3	31	2	M120100	Aftermarket, shorter than OE		
			4.0	8.3x11.5	4.0	102	211x292	102	2.9	39	2	M090534	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120448	OE replacement		
ISM	350 to 450		4.0	11.0	5.0	102	279	127	2.5	35	2	M111028	Inlet dimension is OD		
			5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120225	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	2.8	39	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120448	OE replacement		
			6.0	10x15	6.0	152	254x381	152	1.5	20	2	M122300	For off-hwy, shorter than OE		
ISM	500		5.0	10x15	5.0	127	254x381	127	2.0	28	2	M120225	For off-hwy, shorter than OE		
			4.0	11.0	5.0	102	279	127	2.9	40	2	M111028	Inlet dimension is OD		
			6.0	10x15	6.0	152	254x381	152	1.7	23	2	M122300	For off-hwy, shorter than OE		
ISX	400		4.0	11.0	5.0	102	279	127	2.8	38	2	M111028	Inlet dimension is OD		
			5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE		
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE		
ISX	450 to 500		5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120225	For off-hwy, shorter than OE		
			6.0	10x15	6.0	152	254x381	152	2.2	30	2	M122300	For off-hwy, shorter than OE		
ISX	600		6.0	10x15	6.0	152	254x381	152	3.0	40	2	M122300	For off-hwy, shorter than OE		
L10	260 to 280		3.0	11.0	4.0	76	279	102	1.2	17	1	M111029	OE replacement		
			4.0	10.0	4.0	102	254	102	2.0	28	2	M100048	Aftermarket		
			4.0	11.0	4.0	102	279	102	2.0	27	2	M110012			
			4.0	11.0	4.0	102	279	102	1.8	24	2	M110189	OE replacement		
			4.0	11.0	5.0	102	279	127	1.0	14	2	M111028	Inlet dimension is OD		
			4.0	10x15	4.0	102	254x381	102	1.5	20	2	M120100	Aftermarket, shorter than OE		
			4.0	8.3x11.5	4.0	102	211x292	102	2.0	27	2	M090280	Aftermarket, shorter than OE		
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090534	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120448	OE replacement		
L10	300 to 375		3.0	11.0	4.0	76	279	102	1.3	18	1	M111029	OE replacement		
			4.0	10.0	4.0	102	254	102	2.2	30	2	M100048	Aftermarket		
			4.0	11.0	4.0	102	279	102	2.1	29	2	M110012			
			4.0	11.0	4.0	102	279	102	1.9	26	2	M110189	OE replacement		
			4.0	11.0	5.0	102	279	127	1.1	15	2	M111028	Inlet dimension is OD		
			4.0	10x15	4.0	102	254x381	102	1.6	22	2	M120100	Aftermarket, shorter than OE		
			4.0	8.3x11.5	4.0	102	211x292	102	2.2	30	2	M090280	Aftermarket, shorter than OE		
			4.0	8.3x11.5	4.0	102	211x292	102	2.0	28	2	M090534	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.3	17	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120448	OE replacement		
		M11	400		3.0	11.0	4.0	76	279	102	1.9	26	1	M111029	OE replacement
					4.0	11.0	4.0	102	279	102	2.8	38	2	M110189	OE replacement
					4.0	11.0	5.0	102	279	127	1.6	22	2	M111028	Inlet dimension is OD
					4.0	10x15	4.0	102	254x381	102	2.3	31	2	M120100	Aftermarket, shorter than OE



Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes			
			Inlet	Body	Outlet	Inlet	Body	Outlet							
	N14	330	4.0	8.3x11.5	4.0	102	211x292	102	2.9	40	2	M090534	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120108	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120365	Aftermarket		
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120448	OE replacement		
	N14	350 to 460	3.0	11.0	4.0	76	279	102	2.7	37	1	M111029	OE replacement		
			4.0	11.0	5.0	102	279	127	2.3	31	2	M111028	Inlet dimension is OD		
			5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120225	For off-hwy, shorter than OE		
			6.0	10x15	6.0	152	254x381	152	1.3	18	2	M122300	For off-hwy, shorter than OE		
	N14	500 to 550	6.0	10x15	6.0	152	254x381	152	2.8	38	2	M122300	For off-hwy, shorter than OE		
	NTC	255 to 290	3.0	11.0	4.0	76	279	102	1.7	23	1	M111029	OE replacement		
4.0			10.0	4.0	102	254	102	2.8	37	2	M100048	Aftermarket			
4.0			11.0	4.0	102	279	102	2.7	36	2	M110012				
4.0			11.0	4.0	102	279	102	2.4	33	2	M110189	OE replacement			
4.0			11.0	5.0	102	279	127	1.4	19	2	M111028	Inlet dimension is OD			
4.0			10x15	4.0	102	254x381	102	2.0	27	2	M120100	Aftermarket, shorter than OE			
4.0			8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090280	Aftermarket, shorter than OE			
4.0			8.3x11.5	4.0	102	211x292	102	2.5	34	2	M090534	Aftermarket, shorter than OE			
5.0			10x15	5.0	127	254x381	127	1.5	20	2	M120108	For off-hwy, shorter than OE			
5.0			10x15	5.0	127	254x381	127	1.6	21	2	M120365	Aftermarket			
5.0			10x15	5.0	127	254x381	127	1.6	22	2	M120448	OE replacement			
NTC			300 to 350	3.0	11.0	4.0	76	279	102	2.8	38	1	M111029	OE replacement	
				4.0	11.0	5.0	102	279	127	2.3	32	2	M111028	Inlet dimension is OD	
				5.0	10x15	5.0	127	254x381	127	2.5	34	2	M120108	For off-hwy, shorter than OE	
	5.0	10x15		5.0	127	254x381	127	2.6	36	2	M120365	Aftermarket			
	5.0	10x15		5.0	127	254x381	127	2.7	37	2	M120448	OE replacement			
Signature	500 to 565	5.0	10x15	5.0	127	254x381	127	2.8	38	2	M120225	For off-hwy, shorter than OE			
		6.0	10x15	6.0	152	254x381	152	2.3	32	2	M122300	For off-hwy, shorter than OE			
Signature	600	6.0	10x15	6.0	152	254x381	152	2.6	36	2	M122300	For off-hwy, shorter than OE			
	ISM	310 to 350	5.0	10x15	5.0	127	254x381	127	1.4	19	5	M120131	For off-hwy, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120176	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120189	Aftermarket, shorter than OE		
			5.0	10x15	5.0	127	254x381	127	1.7	23	5	M120450	OE replacement		
ISM	400 to 500	5.0	10x15	5.0	127	254x381	127	2.0	28	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.4	32	5	M120450	OE replacement			
ISX	400 to 475	5.0	10x15	5.0	127	254x381	127	2.5	34	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.9	40	5	M120450	OE replacement			
ISX	500	5.0	10x15	5.0	127	254x381	127	2.7	37	5	M120131	For off-hwy, shorter than OE			
M11	400	5.0	10x15	5.0	127	254x381	127	1.1	15	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120176	Aftermarket, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120189	Aftermarket, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	1.3	18	5	M120450	OE replacement			
N14	330 to 400	5.0	10x15	5.0	127	254x381	127	2.4	33	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	2.9	39	5	M120450	OE replacement			
N14	435 to 460	5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120131	For off-hwy, shorter than OE			
NTC	400	5.0	10x15	5.0	127	254x381	127	2.9	40	5	M120131	For off-hwy, shorter than OE			
Signature	500	5.0	10x15	5.0	127	254x381	127	2.5	34	5	M120131	For off-hwy, shorter than OE			
		5.0	10x15	5.0	127	254x381	127	3.0	40	5	M120450	OE replacement			
Signature	565	5.0	10x15	5.0	127	254x381	127	2.8	38	5	M120131	For off-hwy, shorter than OE			
	6BT	230	4.0	10.0	4.0	102	254	102	2.0	28	4	M100052			
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110112			
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110148			
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110311	Inlet dimension is OD		
			4.0	11.0	4.0	102	279	102	1.5	20	4	M111025	Inlet & outlet dimension is OD		
			4.0	10x15	4.0	102	254x381	102	2.0	27	4	M120367	Aftermarket, shorter than OE		
			5.0	11.0	5.0	127	279	127	1.0	13	4	M110014	OE replacement		
			5.0	10x15	5.0	127	254x381	127	1.0	14	4	M120366	OE replacement		
			6CT	250	4.0	10.0	4.0	102	254	102	2.8	38	4	M100052	
					4.0	11.0	4.0	102	279	102	2.3	32	4	M110112	
4.0	11.0	4.0			102	279	102	2.3	32	4	M110148				
4.0	11.0	4.0			102	279	102	2.3	32	4	M110311	Inlet dimension is OD			
4.0	11.0	4.0			102	279	102	2.1	28	4	M111025	Inlet & outlet dimension is OD			
4.0	10x15	4.0			102	254x381	102	2.7	37	4	M120367	Aftermarket, shorter than OE			

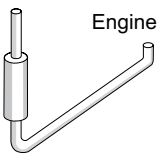
Truck Engine Muffler Application

Engine Make & Exhaust System Configuration		Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler		Notes
				inches			mm			inches of Hg	H ₂ O	Style & Part No.		
				Inlet	Body	Outlet	Inlet	Body	Outlet					
	6CT	300	5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement	
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement	
	ISB	185 to 225	4.0	11.0	4.0	102	279	102	3.0	40	4	M111025	Inlet & outlet dimension is OD	
			5.0	11.0	5.0	127	279	127	1.9	26	4	M110014	OE replacement	
			5.0	10x15	5.0	127	254x381	127	2.0	27	4	M120366	OE replacement	
			4.0	10.0	4.0	102	254	102	1.8	24	4	M100052		
			4.0	11.0	4.0	102	279	102	1.5	20	4	M110112		
			4.0	11.0	4.0	102	279	102	1.5	20	4	M110148		
			4.0	11.0	4.0	102	279	102	1.5	20	4	M110311	Inlet dimension is OD	
			4.0	11.0	4.0	102	279	102	1.3	17	4	M111025	Inlet & outlet dimension is OD	
ISB	240 to 300	4.0	10x15	4.0	102	254x381	102	1.7	23	4	M120367	Aftermarket, shorter than OE		
		5.0	11.0	5.0	127	279	127	0.8	11	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	0.9	12	4	M120366	OE replacement		
		4.0	10.0	4.0	102	254	102	2.6	35	4	M100052			
		4.0	11.0	4.0	102	279	102	2.1	29	4	M110112			
		4.0	11.0	4.0	102	279	102	2.1	29	4	M110148			
		4.0	11.0	4.0	102	279	102	2.1	29	4	M110311	Inlet dimension is OD		
		4.0	11.0	4.0	102	279	102	1.9	26	4	M111025	Inlet & outlet dimension is OD		
ISC	225 to 240	4.0	10x15	4.0	102	254x381	102	2.5	34	4	M120367	Aftermarket, shorter than OE		
		5.0	11.0	5.0	127	279	127	1.2	17	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	1.3	17	4	M120366	OE replacement		
		4.0	10.0	4.0	102	254	102	2.7	37	4	M100052			
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110112			
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110148			
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110311	Inlet dimension is OD		
		4.0	11.0	4.0	102	279	102	2.0	27	4	M111025	Inlet & outlet dimension is OD		
ISC	260 to 300	4.0	10x15	4.0	102	254x381	102	2.7	36	4	M120367	Aftermarket, shorter than OE		
		5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	1.4	18	4	M120366	OE replacement		
		4.0	11.0	4.0	102	279	102	2.5	34	4	M110112			
		4.0	11.0	4.0	102	279	102	2.5	34	4	M110148			
		4.0	11.0	4.0	102	279	102	2.5	34	4	M110311	Inlet dimension is OD		
		4.0	11.0	4.0	102	279	102	2.2	30	4	M111025	Inlet & outlet dimension is OD		
		4.0	10x15	4.0	102	254x381	102	2.9	40	4	M120367	Aftermarket, shorter than OE		
ISC	315 to 350	5.0	11.0	5.0	127	279	127	1.4	19	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	1.5	20	4	M120366	OE replacement		
		4.0	11.0	4.0	102	279	102	2.9	40	4	M110112			
		4.0	11.0	4.0	102	279	102	2.9	40	4	M110148			
		4.0	11.0	4.0	102	279	102	2.9	40	4	M110311	Inlet dimension is OD		
		4.0	11.0	4.0	102	279	102	2.6	35	4	M111025	Inlet & outlet dimension is OD		
L10	260 to 300	5.0	11.0	5.0	127	279	127	1.7	23	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	1.8	24	4	M120366	OE replacement		
		4.0	10.0	4.0	102	254	102	2.3	31	4	M100052			
		4.0	11.0	4.0	102	279	102	1.9	26	4	M110112			
		4.0	11.0	4.0	102	279	102	1.9	26	4	M110148			
		4.0	11.0	4.0	102	279	102	1.9	26	4	M110311	Inlet dimension is OD		
		4.0	11.0	4.0	102	279	102	1.7	22	4	M111025	Inlet & outlet dimension is OD		
		4.0	10x15	4.0	102	254x381	102	2.2	30	4	M120367	Aftermarket, shorter than OE		
NTC	255 to 290	5.0	11.0	5.0	127	279	127	1.1	15	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	1.1	15	4	M120366	OE replacement		
		4.0	10.0	4.0	102	254	102	2.8	39	4	M100052			
		4.0	11.0	4.0	102	279	102	2.3	32	4	M110112			
		4.0	11.0	4.0	102	279	102	2.3	32	4	M110148			
		4.0	11.0	4.0	102	279	102	2.3	32	4	M110311	Inlet dimension is OD		
		4.0	11.0	4.0	102	279	102	2.1	28	4	M111025	Inlet & outlet dimension is OD		
		4.0	10x15	4.0	102	254x381	102	2.7	37	4	M120367	Aftermarket, shorter than OE		
NTC	300 to 350	5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement		
6BT	230	4.0	10.0	4.0	102	254	102	2.1	28	6	M100572			
		4.0	11.0	4.0	102	279	102	1.6	22	6	M111026	Outlet dimension is OD		
		5.0	10x15	5.0	127	254x381	127	1.1	14	4	M120418	For off-hwy, shorter than OE		
6CT	250	4.0	10.0	4.0	102	254	102	2.9	39	6	M100572			
		4.0	11.0	4.0	102	279	102	2.2	31	6	M111026	Outlet dimension is OD		
		5.0	10x15	5.0	127	254x381	127	1.5	20	6	M120418	For off-hwy, shorter than OE		
6CT	300	5.0	10x15	5.0	127	254x381	127	2.1	29	6	M120418	For off-hwy, shorter than OE		

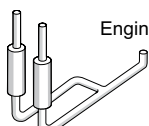
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	ISB	185 to 225	4.0	10.0	4.0	102	254	102	1.8	25	6	M100572	
			4.0	11.0	4.0	102	279	102	1.4	19	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	0.9	12	6	M120418	For off-hwy, shorter than OE
	ISB	240 to 300	4.0	10.0	4.0	102	254	102	2.7	36	6	M100572	
			4.0	11.0	4.0	102	279	102	2.1	28	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.3	18	6	M120418	For off-hwy, shorter than OE
	ISC	225 to 240	4.0	10.0	4.0	102	254	102	2.8	38	6	M100572	
			4.0	11.0	4.0	102	279	102	2.2	30	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	19	6	M120418	For off-hwy, shorter than OE
	ISC	260 to 300	4.0	10.0	4.0	102	254	102	2.9	39	6	M100572	
			4.0	11.0	4.0	102	279	102	2.2	30	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.4	20	6	M120418	For off-hwy, shorter than OE
	ISC	315 to 350	4.0	11.0	4.0	102	279	102	2.8	38	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.8	25	6	M120418	For off-hwy, shorter than OE
	L10	260 to 300	4.0	10.0	4.0	102	254	102	2.3	32	6	M100572	
4.0			11.0	4.0	102	279	102	1.8	25	6	M111026	Outlet dimension is OD	
5.0			10x15	5.0	127	254x381	127	1.2	16	6	M120418	For off-hwy, shorter than OE	
NTC	255 to 290	4.0	10.0	4.0	102	254	102	2.9	40	6	M100572		
		4.0	11.0	4.0	102	279	102	2.3	31	6	M111026	Outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.5	20	6	M120418	For off-hwy, shorter than OE	
NTC	300 to 350		5.0	10x15	5.0	127	254x381	127	2.7	37	6	M120418	For off-hwy, shorter than OE
6BT	230	4.0	11.0	4.0	102	279	102	2.2	30	3	M110479		
		4.0	11.0	4.0	102	279	102	2.0	28	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.0	27	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.3	18	3	M120235	OE replacement	
6CT	250	4.0	11.0	4.0	102	279	102	2.8	39	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.8	37	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.8	25	3	M120235	OE replacement	
6CT	300		5.0	10x15	5.0	127	254x381	127	2.6	36	3	M120235	OE replacement
	ISB	185 to 225	4.0	11.0	4.0	102	279	102	1.9	26	3	M110479	
			4.0	11.0	4.0	102	279	102	1.8	24	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		1.7	23	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.1	15	3	M120235	OE replacement
ISB	240 to 275	4.0	11.0	4.0	102	279	102	2.8	38	3	M110479		
		4.0	11.0	4.0	102	279	102	2.5	35	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.5	34	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.6	22	3	M120235	OE replacement	
ISB	300	4.0	11.0	4.0	102	279	102	2.8	39	3	M110479		
		4.0	11.0	4.0	102	279	102	2.6	36	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.5	34	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.7	23	3	M120235	OE replacement	
ISC	225	4.0	11.0	4.0	102	279	102	2.8	38	3	M110479		
		4.0	11.0	4.0	102	279	102	2.5	35	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.5	34	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.6	22	3	M120235	OE replacement	
ISC	240	4.0	11.0	4.0	102	279	102	2.7	37	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.7	36	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.8	24	3	M120235	OE replacement	
ISC	260	4.0	11.0		102	279		2.9	40	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.9	26	3	M120235	OE replacement	
ISC	285	4.0	11.0	4.0	102	279	102	3.0	40	3	M110479		
		4.0	11.0	4.0	102	279	102	2.7	37	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.7	36	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.8	24	3	M120235	OE replacement	
ISC	300	4.0	11.0	4.0	102	279	102	2.8	38	3	M110674	Band clamp on inlet	
		4.0	11.0		102	279		2.7	37	3	M111024	Outlet has down spout	
		5.0	10x15	5.0	127	254x381	127	1.8	24	3	M120235	OE replacement	

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes		
			inches			mm			inches of Hg	H ₂ O				
Engine	ISC	315	5.0	10x15	5.0	127	254x381	127	2.0	28	3	M120235	OE replacement	
	ISC	330	5.0	10x15	5.0	127	254x381	127	2.1	29	3	M120235	OE replacement	
	ISC	350	5.0	10x15	5.0	127	254x381	127	2.3	31	3	M120235	OE replacement	
	L10	260 to 300	4.0	11.0	4.0	102	279	102	2.5	34	3	M110479		
			4.0	11.0	4.0	102	279	102	2.3	31	3	M110674	Band clamp on inlet	
			4.0	11.0		102	279			2.2	30	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.5	20	3	M120235	OE replacement	
	NTC	255 to 290	4.0	11.0	4.0	102	279	102	2.3	31	3	M110479		
			4.0	11.0	4.0	102	279	102	2.1	28	3	M110674	Band clamp on inlet	
			4.0	11.0		102	279			2.0	27	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.3	18	3	M120235	OE replacement	
	NTC	335	5.0	10x15	5.0	127	254x381	127	2.8	38	3	M120235	OE replacement	

Detroit Diesel

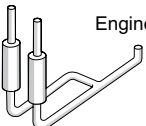
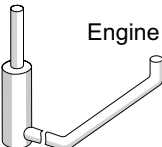
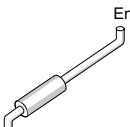


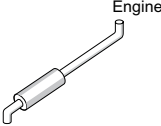
Engine	8V-92T	430	4.0	8.5	4.0	102	216	102	2.4	33	1	M085171	
			5.0	9.0	5.0	127	229	127	2.9	40	1	M090074	
			5.0	9.0	5.0	127	229	127	1.6	21	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.6	21	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.6	36	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.9	40	1	M101181	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	2.6	35	1	M110849	
	8V-92TT	365	4.0	8.5	4.0	102	216	102	2.9	39	1	M085171	
			5.0	9.0	5.0	127	229	127	1.9	25	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.9	25	1	M100463	Low backpressure, off-hwy
	8V-92TTA	445	4.0	8.5	4.0	102	216	102	2.7	36	1	M085171	
			5.0	9.0	5.0	127	229	127	1.7	23	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.7	23	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.9	39	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.9	39	1	M110849	
	Series 60 (12.7 Ltr)	350 to 400	4.0	8.5	4.0	102	216	102	1.9	26	1	M085171	
			4.0	9.0	5.0	102	229	127	2.7	37	1	M090781	
			5.0	9.0	5.0	127	229	127	2.3	31	1	M090074	
			5.0	9.0	5.0	127	229	127	1.2	17	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.2	17	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.6	35	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.8	38	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	2.1	28	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.5	34	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.5	34	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.6	35	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.1	28	1	M110849	
				Series 60 (12.7 Ltr)	430	4.0	8.5	4.0	102	216	102	2.1	28	1	M085171
5.0	9.0	5.0				127	229	127	2.5	34	1	M090074	
5.0	9.0	5.0				127	229	127	1.3	18	1	M090535	Low backpressure, off-hwy
5.0	10.0	5.0				127	254	127	1.3	18	1	M100463	Low backpressure, off-hwy
5.0	10.0	5.0				127	254	127	2.7	37	1	M100465	Best value, most popular
5.0	10.0	5.0				127	254	127	2.8	39	1	M100580	OE replacement
5.0	10.0	5.0				127	254	127	2.3	31	1	M100944	OE replacement for higher HP
5.0	10.0	5.0				127	254	127	2.7	37	1	M101158	Silent Partner Stainless
5.0	10.0	5.0				127	254	127	2.7	37	1	M101181	Silent Partner Aluminized
5.0	10.0	5.0				127	254	127	2.8	39	1	M101263	Freightliner only
5.0	11.0	5.0				127	279	127	2.2	31	1	M110849	
	Series 60 (12.7 Ltr)	470 to 500	4.0	8.5	4.0	102	216	102	2.5	33	1	M085171	
			5.0	9.0	5.0	127	229	127	3.0	40	1	M090074	
			5.0	9.0	5.0	127	229	127	1.6	21	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.6	21	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	36	1	M100944	OE replacement for higher HP
			5.0	11.0	5.0	127	279	127	2.6	36	1	M110849	
	Series 60 (14 Ltr)	550 to 575	5.0	9.0	5.0	127	229	127	2.0	27	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.0	27	1	M100463	Low backpressure, off-hwy
	Series 60 (12.7 Ltr)	Cruise Power 330/350 & 370/430	4.0	8.5	4.0	102	216	102	2.1	28	1	M085171	
			5.0	9.0	5.0	127	229	127	2.5	34	1	M090074	
			5.0	9.0	5.0	127	229	127	1.3	18	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.7	37	1	M100465	Best value, most popular

Engine Make & Exhaust System Configuration		Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes	
				Inlet	Body	Outlet	Inlet	Body	Outlet					
	Engine	Series 60 (12.7 Ltr)	Cruise Power 430/470	5.0	10.0	5.0	127	254	127	2.8	39	1	M100580	OE replacement
				5.0	10.0	5.0	127	254	127	2.3	31	1	M100944	OE replacement for higher HP
				5.0	10.0	5.0	127	254	127	2.7	37	1	M101158	Silent Partner Stainless
				5.0	10.0	5.0	127	254	127	2.7	37	1	M101181	Silent Partner Aluminized
				5.0	10.0	5.0	127	254	127	2.8	39	1	M101263	Freightliner only
				5.0	11.0	5.0	127	279	127	2.2	31	1	M110849	
				4.0	8.5	4.0	102	216	102	2.2	30	1	M085171	
				5.0	9.0	5.0	127	229	127	2.6	36	1	M090074	
				5.0	9.0	5.0	127	229	127	1.4	19	1	M090535	Low backpressure, off-hwy
				5.0	10.0	5.0	127	254	127	1.4	19	1	M100463	Low backpressure, off-hwy
		5.0	10.0	5.0	127	254	127	2.8	38	1	M100465	Best value, most popular		
		5.0	10.0	5.0	127	254	127	2.9	40	1	M100580	OE replacement		
		5.0	10.0	5.0	127	254	127	2.4	32	1	M100944	OE replacement for higher HP		
		5.0	10.0	5.0	127	254	127	2.9	39	1	M101158	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	2.9	39	1	M101181	Silent Partner Aluminized		
		5.0	10.0	5.0	127	254	127	2.9	40	1	M101263	Freightliner only		
		5.0	11.0	5.0	127	279	127	2.4	32	1	M110849			
		Series 60 (12.7 Ltr)	Cruise Power 470/500	4.0	8.5	4.0	102	216	102	2.5	33	1	M085171	
				5.0	9.0	5.0	127	229	127	3.0	40	1	M090074	
				5.0	9.0	5.0	127	229	127	1.6	21	1	M090535	Low backpressure, off-hwy
5.0	10.0			5.0	127	254	127	1.6	21	1	M100463	Low backpressure, off-hwy		
5.0	10.0			5.0	127	254	127	2.7	36	1	M100944	OE replacement for higher HP		
8V-92T	430	4.0	9.0	4.0	102	229	102	2.6	35	1	M090544			
		4.0	10.0	4.0	102	254	102	2.8	37	1	M100466			
		5.0	11.0	5.0	127	279	127	1.8	25	1	M110849			
8V-92TA	435	4.0	9.0	4.0	102	229	102	2.1	28	1	M090544			
		4.0	10.0	4.0	102	254	102	2.2	30	1	M100466			
		5.0	10.0	5.0	127	254	127	2.7	37	1	M101159	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	2.7	37	1	M101182	Silent Partner Aluminized		
		5.0	11.0	5.0	127	279	127	1.5	20	1	M110849			
8V-92TT	365	4.0	9.0	4.0	102	229	102	1.7	23	1	M090544			
		4.0	10.0	4.0	102	254	102	1.8	25	1	M100466			
		5.0	10.0	5.0	127	254	127	2.2	30	1	M100582	OE replacement		
		4.0	10.0	5.0	102	254	127	2.9	39	1	M100695			
		5.0	10.0	5.0	127	254	127	2.2	30	1	M101159	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	2.2	30	1	M101182	Silent Partner Aluminized		
8V-92TTA	445	4.0	9.0	4.0	102	229	102	1.6	22	1	M090544			
		4.0	10.0	4.0	102	254	102	1.7	23	1	M100466			
		5.0	10.0	5.0	127	254	127	2.1	28	1	M100582	OE replacement		
		4.0	10.0	5.0	102	254	127	2.7	36	1	M100695			
		5.0	10.0	5.0	127	254	127	2.1	28	1	M101159	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	2.1	28	1	M101182	Silent Partner Aluminized		
Series 60 (12.7 Ltr)	330 to 400	4.0	9.0	4.0	102	229	102	1.1	15	1	M090544			
		4.0	10.3	4.0	102	262	102	2.3	31	1	M100464	Wrapped muffler		
		4.0	10.0	4.0	102	254	102	1.2	16	1	M100466			
		4.0	10.0	5.0	102	254	127	1.9	26	1	M100695			
		5.0	10.0	5.0	127	254	127	1.5	20	1	M100582	OE replacement		
		5.0	10.0	5.0	127	254	127	1.5	20	1	M101159	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	1.5	20	1	M101182	Silent Partner Aluminized		
		5.0	11.0	5.0	127	279	127	0.8	11	1	M110849			
Series 60 (12.7 Ltr)	430	4.0	9.0	4.0	102	229	102	1.2	17	1	M090544			
		4.0	10.3	4.0	102	262	102	2.5	34	1	M100464	Wrapped muffler		
		4.0	10.0	4.0	102	254	102	1.3	18	1	M100466			
		4.0	10.0	5.0	102	254	127	2.1	28	1	M100695			
		5.0	10.0	5.0	127	254	127	1.6	22	1	M100582	OE replacement		
		5.0	10.0	5.0	127	254	127	1.6	22	1	M101159	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	1.6	22	1	M101182	Silent Partner Aluminized		
		5.0	11.0	5.0	127	279	127	0.9	12	1	M110849			
Series 60 (12.7 Ltr)	470 to 500	4.0	9.0	4.0	102	229	102	1.5	20	1	M090544			
		4.0	10.3	4.0	102	262	102	2.9	39	1	M100464	Wrapped muffler		
		4.0	10.0	4.0	102	254	102	1.5	21	1	M100466			
		4.0	10.0	5.0	102	254	127	2.5	33	1	M100695			
		5.0	10.0	5.0	127	254	127	1.9	26	1	M100582	OE replacement		
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101159	Silent Partner Stainless		
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101182	Silent Partner Aluminized		
		5.0	11.0	5.0	127	279	127	1.0	14	1	M110849			

Truck Engine Muffler Application

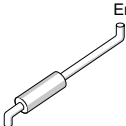
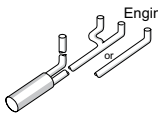
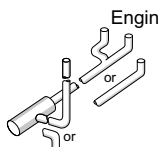


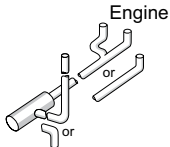
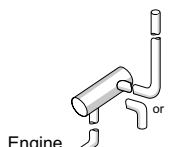
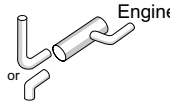
Engine Make & Exhaust System Configuration	Engine		Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
	Model	H.P.	inches			mm			inches of Hg	inches of H ₂ O			
			Inlet	Body	Outlet	Inlet	Body	Outlet					
 Engine	Series 60 (14 Ltr)	550 to 575	4.0	9.0	4.0	102	229	102	1.8	25	1	M090544	
			4.0	10.0	4.0	102	254	102	1.9	26	1	M100466	
			5.0	10.0	5.0	127	254	127	2.4	32	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.4	32	1	M101182	Silent Partner Aluminized
	Series 60 (12.7 Ltr)	Cruise Power 330/350 & 370/430	4.0	9.0	4.0	102	229	102	1.2	17	1	M090544	
			4.0	10.3	4.0	102	262	102	2.5	34	1	M100464	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.3	18	1	M100466	
			4.0	10.0	5.0	102	254	127	2.1	28	1	M100695	
			5.0	10.0	5.0	127	254	127	1.6	22	1	M100582	OE replacement
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.6	22	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.9	12	1	M110849	
	Series 60 (12.7 Ltr)	Cruise Power 430/470	4.0	9.0	4.0	102	229	102	1.3	18	1	M090544	
			4.0	10.3	4.0	102	262	102	2.6	35	1	M100464	Wrapped muffler
4.0			10.0	4.0	102	254	102	1.4	19	1	M100466		
4.0			10.0	5.0	102	254	127	2.2	30	1	M100695		
5.0			10.0	5.0	127	254	127	1.7	23	1	M100582	OE replacement	
5.0			10.0	5.0	127	254	127	1.7	23	1	M101159	Silent Partner Stainless	
5.0			10.0	5.0	127	254	127	1.7	23	1	M101182	Silent Partner Aluminized	
5.0			11.0	5.0	127	279	127	0.9	12	1	M110849		
Series 60 (12.7 Ltr)	Cruise Power 470/500	4.0	9.0	4.0	102	229	102	1.5	20	1	M090544		
		4.0	10.3	4.0	102	262	102	2.9	39	1	M100464	Wrapped muffler	
		4.0	10.0	4.0	102	254	102	1.5	21	1	M100466		
		4.0	10.0	5.0	102	254	127	2.5	33	1	M100695		
		5.0	10.0	5.0	127	254	127	1.9	26	1	M100582	OE replacement	
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101159	Silent Partner Stainless	
		5.0	10.0	5.0	127	254	127	1.9	26	1	M101182	Silent Partner Aluminized	
		5.0	11.0	5.0	127	279	127	1.0	14	1	M110849		
 Engine	8.2T	205	4.0	9.0	5.0	102	229	127	1.0	13	3	M090823	
			4.0	10.0	4.0	102	254	102	2.8	39	3	M100146	
			4.0	11.8	5.0	102	300	127	1.0	14	3	M120598	
			5.0	10.0	5.0	127	254	127	0.9	13	3	M100213	
	Series 50 (8.7 Ltr)	250 to 275	4.0	9.0	5.0	102	229	127	1.8	25	3	M090823	
			4.0	11.8	5.0	102	300	127	1.9	26	3	M120598	
			5.0	10.0	5.0	127	254	127	1.7	23	3	M100213	
	Series 50 (8.7 Ltr)	300 to 350	4.0	9.0	5.0	102	229	127	2.3	32	3	M090823	
			4.0	11.8	5.0	102	300	127	2.4	33	3	M120598	
			5.0	10.0	5.0	127	254	127	2.2	29	3	M100213	
	Series 60	330	5.0	10.0	5.0	127	254	127	2.9	40	3	M100213	
	Series 60 (11.1 Ltr)	350 to 365	4.0	9.0	5.0	102	229	127	2.2	30	3	M090823	
4.0			11.8	5.0	102	300	127	2.4	32	3	M120598		
5.0			10.0	5.0	127	254	127	2.1	28	3	M100213		
Series 40E (7.6 LTA)	175 to 190	4.0	9.0	5.0	102	229	127	1.5	21	3	M090823		
		4.0	11.8	5.0	102	300	127	1.6	22	3	M120598		
		5.0	10.0	5.0	127	254	127	1.4	19	3	M100213		
Series 40E (7.6 LTA)	210 to 250	4.0	9.0	5.0	102	229	127	1.8	24	3	M090823		
		4.0	11.8	5.0	102	300	127	1.9	25	3	M120598		
		5.0	10.0	5.0	127	254	127	1.6	22	3	M100213		
Series 40E (8.7 LTA)	250 to 330	4.0	9.0	5.0	102	229	127	1.8	24	3	M090823		
		5.0	10.0	5.0	127	254	127	1.7	23	3	M100213		
		4.0	11.8	5.0	102	300	127	1.9	26	3	M120598		
 Engine	6-71T	275	5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	25	2	M122300	For off-hwy, shorter than OE
	6V-92T	320	5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	25	2	M122300	For off-hwy, shorter than OE
	6V-92TA	350	6.0	10x15	6.0	152	254x381	152	2.5	34	2	M122300	For off-hwy, shorter than OE
	6V-92TA	335	6.0	10x15	6.0	152	254x381	152	2.5	34	2	M122300	For off-hwy, shorter than OE
	6V-92TT	270	5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	24	2	M122300	For off-hwy, shorter than OE
	6V-92TTA	270	5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	25	2	M122300	For off-hwy, shorter than OE
	8.2T	205	3.0	11.0	4.0	76	279	102	1.0	14	1	M111029	OE replacement

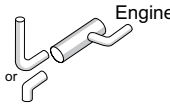
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes	
			Inlet	Body	Outlet	Inlet	Body	Outlet					
			3.5	8.3x11.5	3.5	89	211x292	89	2.9	39	2	M090158	
			3.5	8.5x11.8	3.5	89	216x300	89	2.9	39	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	1.7	24	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	1.7	23	2	M110012	
			4.0	11.0	4.0	102	279	102	1.5	21	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	0.9	12	2	M111028	Inlet dimension is OD
			4.0	8.3x11.5	3.5	102	211x292	89	2.8	38	2	M090538	
			4.0	8.3x11.5	4.0	102	211x292	102	1.7	23	2	M090280	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	1.6	22	2	M090534	Aftermarket, shorter than OE
			4.0	10x15	4.0	102	254x381	102	1.3	17	2	M120100	Aftermarket, shorter than OE
			4.0	10.3x15.3	4.0	102	261x389	102	2.6	35	2	M120197	Wrapped muffler, OE
			5.0	10x15	5.0	127	254x381	127	0.9	13	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	0.6	8	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.0	13	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120448	OE replacement
	8V-71T	335		5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.0	27	2	M122300	For off-hwy, shorter than OE
8V-71TA	370		6.0	10x15	6.0	152	254x381	152	2.6	35	2	M122300	For off-hwy, shorter than OE
8V-71TT	305		6.0	10x15	6.0	152	254x381	152	2.6	35	2	M122300	For off-hwy, shorter than OE
8V-71TTA	305		5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.8	25	2	M122300	For off-hwy, shorter than OE
8V-92TT	365		6.0	10x15	6.0	152	254x381	152	2.8	38	2	M122300	For off-hwy, shorter than OE
8V-92TTA	445		6.0	10x15	6.0	152	254x381	152	2.6	35	2	M122300	For off-hwy, shorter than OE
Series 60 (11.1 Ltr)	315 to 365		3.0	11.0	4.0	76	279	102	2.4	32	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.0	27	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	39	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.1	16	2	M122300	For off-hwy, shorter than OE
Series 50 (8.7 Ltr)	250 to 275		3.0	11.0	4.0	76	279	102	2.2	30	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	1.9	26	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.7	37	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.1	15	2	M122300	For off-hwy, shorter than OE
Series 50 (8.7 Ltr)	300 to 350		3.0	11.0	4.0	76	279	102	2.5	33	1	M111029	OE replacement
			4.0	11.0	5.0	102	279	127	2.1	28	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	3.0	40	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120225	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120365	Aftermarket
			5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120448	OE replacement
			6.0	10x15	6.0	152	254x381	152	1.2	16	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	330 to 400		5.0	10x15	5.0	127	254x381	127	2.2	30	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.9	25	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	430		5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.0	28	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	470 to 500		5.0	10x15	5.0	127	254x381	127	2.9	39	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.4	32	2	M122300	For off-hwy, shorter than OE
Series 60 (14 Ltr)	550-575		6.0	10x15	6.0	152	254x381	152	3.0	40	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	Cruise Power 330/350 & 370/430		5.0	10x15	5.0	127	254x381	127	2.4	33	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.0	28	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	Cruise Power 430/470		5.0	10x15	5.0	127	254x381	127	2.6	35	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.1	29	2	M122300	For off-hwy, shorter than OE
Series 60 (12.7 Ltr)	Cruise Power 470/500		5.0	10x15	5.0	127	254x381	127	2.9	39	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	2.4	32	2	M122300	For off-hwy, shorter than OE
Series 40E	175 to 190		3.0	11.0	4.0	76	279	102	1.6	22	1	M111029	OE replacement

Truck Engine Muffler Application

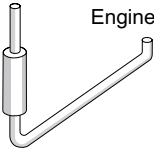
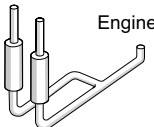


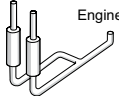
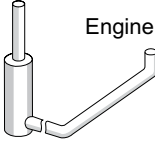
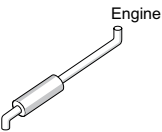
Engine Make & Exhaust System Configuration		Engine Model H.P.		Muffler Dimensions			Backpressure		Muffler Style & Part No.		Notes			
				inches			mm					inches of Hg	H ₂ O	
				Inlet	Body	Outlet	Inlet	Body	Outlet					
	(7.6 LTA)			4.0	10.0	4.0	102	254	102	2.7	36	2	M100048	Aftermarket
		4.0	11.0	4.0	102	279	102	2.6	35	2	M110012			
		4.0	11.0	4.0	102	279	102	2.3	32	2	M110189	OE replacement		
		4.0	11.0	5.0	102	279	127	1.4	18	2	M111028	Inlet dimension is OD		
		4.0	8.3x11.5	4.0	102	211x292	102	2.6	36	2	M090280	Aftermarket, shorter than OE		
		4.0	8.3x11.5	4.0	102	211x292	102	2.5	33	2	M090534	Aftermarket, shorter than OE		
		4.0	10x15	4.0	102	254x381	102	1.9	26	2	M120100	Aftermarket, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	1.4	20	2	M120108	For off-hwy, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	0.9	13	2	M120225	For off-hwy, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120365	Aftermarket		
		5.0	10x15	5.0	127	254x381	127	1.6	21	2	M120448	OE replacement		
		Series 40E (7.6 LTA)	210 to 250	3.0	11.0	4.0	76	279	102	1.9	25	1	M111029	OE replacement
				4.0	11.0	4.0	102	279	102	3.0	40	2	M110012	
				4.0	11.0	4.0	102	279	102	2.7	37	2	M110189	OE replacement
				4.0	11.0	5.0	102	279	127	1.6	21	2	M111028	Inlet dimension is OD
4.0	8.3x11.5			4.0	102	211x292	102	2.8	38	2	M090534	Aftermarket, shorter than OE		
4.0	10x15			4.0	102	254x381	102	2.2	30	2	M120100	Aftermarket, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.6	22	2	M120108	For off-hwy, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.1	15	2	M120225	For off-hwy, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.7	24	2	M120365	Aftermarket		
5.0	10x15			5.0	127	254x381	127	1.8	25	2	M120448	OE replacement		
Series 40E	250 to 275	3.0	11.0	4.0	76	279	102	1.9	26	1	M111029	OE replacement		
		4.0	11.0	4.0	102	279	102	2.8	38	2	M110189	OE replacement		
		4.0	11.0	5.0	102	279	127	1.6	22	2	M111028	Inlet dimension is OD		
		4.0	8.3x11.5	4.0	102	211x292	102	2.9	40	2	M090534	Aftermarket, shorter than OE		
		4.0	10x15	4.0	102	254x381	102	2.3	32	2	M120100	Aftermarket, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120108	For off-hwy, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120225	For off-hwy, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	1.8	25	2	M120365	Aftermarket		
		5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120448	OE replacement		
		Series 40E (8.7 LTA)	300 to 330	4.0	11.0	5.0	102	279	127	1.8	24	2	M111028	Inlet dimension is OD
4.0	10x15			4.0	102	254x381	102	2.5	34	2	M120100	Aftermarket, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.9	25	2	M120108	For off-hwy, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.2	17	2	M120225	For off-hwy, shorter than OE		
5.0	10x15			5.0	127	254x381	127	2.0	27	2	M120365	Aftermarket		
5.0	10x15			5.0	127	254x381	127	2.0	28	2	M120448	OE replacement		
	Series 60 (12.7 Ltr)	330 to 400	5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120131	For off-hwy, shorter than OE	
			5.0	10x15	5.0	127	254x381	127	2.6	36	5	M120450	OE replacement	
	Series 60 (12.7 Ltr)	430 to 500	5.0	10x15	5.0	127	254x381	127	2.9	39	5	M120131	For off-hwy, shorter than OE	
	Series 60 (12.7 Ltr)	Cruise Power 330/350 & 370/430	5.0	10x15	5.0	127	254x381	127	2.4	33	5	M120131	For off-hwy, shorter than OE	
5.0			10x15	5.0	127	254x381	127	2.9	39	5	M120450	OE replacement		
Series 60 (12.7 Ltr)	Cruise Power 430/470 & 470/500	5.0	10x15	5.0	127	254x381	127	2.6	35	5	M120131	For off-hwy, shorter than OE		
	Series 60 (11.1 Ltr)	350 to 365	4.0	11.0	4.0	102	279	102	2.9	40	4	M111025	Inlet & outlet dimension is OD	
			5.0	11.0	5.0	127	279	127	1.9	26	4	M110014	OE replacement	
			5.0	10x15	5.0	127	254x381	127	2.0	27	4	M120366	OE replacement	
Series 50 (8.7 Ltr)	250 to 275	4.0	11.0	4.0	102	279	102	2.7	37	4	M110112			
		4.0	11.0	4.0	102	279	102	2.7	37	4	M110148			
		4.0	11.0	4.0	102	279	102	2.7	37	4	M110311	Inlet dimension is OD		
		4.0	11.0	4.0	102	279	102	2.4	32	4	M111025	Inlet & outlet dimension is OD		
		5.0	11.0	5.0	127	279	127	1.5	21	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120366	OE replacement		
Series 50 (8.7 Ltr)	300	4.0	11.0	4.0	102	279	102	2.6	36	4	M111025	Inlet & outlet dimension is OD		
		5.0	11.0	5.0	127	279	127	1.7	23	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	1.8	24	4	M120366	OE replacement		
Series 50 (8.7 Ltr)	315 to 350	4.0	11.0	4.0	102	279	102	3.0	40	4	M111025	Inlet & outlet dimension is OD		
		5.0	11.0	5.0	127	279	127	2.0	27	4	M110014	OE replacement		
		5.0	10x15	5.0	127	254x381	127	2.1	28	4	M120366	OE replacement		
Series 40E (7.6 LTA)	175-195	4.0	10.0	4.0	102	254	102	2.8	38	4	M100052			
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110112			
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110148			
		4.0	11.0	4.0	102	279	102	2.3	31	4	M110311	Inlet dimension is OD		
		4.0	11.0	4.0	102	279	102	2.0	27	4	M111025	Inlet & outlet dimension is OD		
		4.0	10x15	4.0	102	254x381	102	2.7	36	4	M120367	Aftermarket, shorter than OE		

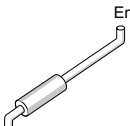
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes	
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	Series 40E (7.6 LTA)	210 to 250	5.0	11.0	5.0	127	279	127	1.3	18	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.4	19	4	M120366	OE replacement
			4.0	11.0	4.0	102	279	102	2.6	36	4	M110112	
			4.0	11.0	4.0	102	279	102	2.6	36	4	M110148	
			4.0	11.0	4.0	102	279	102	2.6	36	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.3	31	4	M111025	Inlet & outlet dimension is OD
	Series 40E (8.7 LTA)	250 to 275	5.0	11.0	5.0	127	279	127	1.5	20	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.6	21	4	M120366	OE replacement
			4.0	11.0	4.0	102	279	102	2.7	37	4	M110112	
			4.0	11.0	4.0	102	279	102	2.7	37	4	M110148	
			4.0	11.0	4.0	102	279	102	2.7	37	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.4	32	4	M111025	Inlet & outlet dimension is OD
	Series 40E (8.7 LTA)	300 to 320	5.0	11.0	5.0	127	279	127	1.6	21	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.6	22	4	M120366	OE replacement
			4.0	11.0	4.0	102	279	102	3.0	40	4	M110112	
4.0			11.0	4.0	102	279	102	3.0	40	4	M110148		
4.0			11.0	4.0	102	279	102	3.0	40	4	M110311	Inlet dimension is OD	
4.0			11.0	4.0	102	279	102	2.6	35	4	M111025	Inlet & outlet dimension is OD	
	8.2T	205	4.0	10.0	4.0	102	254	102	1.8	25	6	M100572	
			4.0	11.0	4.0	102	279	102	1.4	19	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	0.9	13	6	M120418	For off-hwy, shorter than OE
	Series 60 (11.1 Ltr)	350 to 365	5.0	10x15	5.0	127	254x381	127	2.1	28	6	M120418	For off-hwy, shorter than OE
	Series 50 (8.7 Ltr)	250 to 275	4.0	11.0	4.0	102	279	102	2.6	35	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.7	23	6	M120418	For off-hwy, shorter than OE
	Series 50 (8.7 Ltr)	300	4.0	11.0	4.0	102	279	102	2.9	39	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.9	26	6	M120418	For off-hwy, shorter than OE
	Series 50 (8.7 Ltr)	320 to 350	5.0	10x15	5.0	127	254x381	127	2.2	29	6	M120418	For off-hwy, shorter than OE
	Series 40E (7.6 LTA)	175 to 195	4.0	10.0	4.0	102	254	102	2.9	40	6	M100572	
			4.0	11.0	4.0	102	279	102	2.3	31	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.5	20	6	M120418	For off-hwy, shorter than OE
	Series 40E (7.6 LTA)	210 to 250	4.0	11.0	4.0	102	279	102	2.5	34	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.6	22	6	M120418	For off-hwy, shorter than OE
	Series 40E (8.7 LTA)	250 to 275	4.0	11.0	4.0	102	279	102	2.6	36	6	M111026	Outlet dimension is OD
5.0			10x15	5.0	127	254x381	127	1.7	23	6	M120418	For off-hwy, shorter than OE	
Series 40E (8.7 LTA)	300 to 320	4.0	11.0	4.0	102	279	102	2.8	39	6	M111026	Outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.9	25	6	M120418	For off-hwy, shorter than OE	
	Series 60 (11.1 Ltr)	350 to 365	5.0	10x15		127	254x381		2.6	36	3	M120235	OE replacement
	Series 50 (8.7 Ltr)	250 to 275	4.0	11.0	5.0	102	279		3.0	40	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	2.1	29	3	M120235	OE replacement
	Series 50 (8.7 Ltr)	300	5.0	10x15	5.0	127	254x381	127	2.3	32	3	M120235	OE replacement
	Series 50 (8.7 Ltr)	320	5.0	10x15	5.0	127	254x381	127	2.4	33	3	M120235	OE replacement
	Series 50 (8.7 Ltr)	350	5.0	10x15	5.0	127	254x381	127	2.7	37	3	M120235	OE replacement
	Series 40E (7.6 LTA)	175 to 195	4.0	11.0	4.0	102	279	102	2.6	36	3	M110479	
			4.0	11.0	4.0	102	279	102	2.4	33	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.4	32	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.6	21	3	M120235	OE replacement
	Series 40E (7.6 LTA)	210 to 250	5.0	10x15	5.0	127	254x381	127	2.0	28	3	M120235	OE replacement
	Series 40E	250	4.0	11.0	4.0	102	279	102	3.0	40	3	M110674	Band clamp on inlet

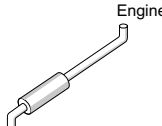
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg H ₂ O		Muffler Style & Part No.	Notes	
			Inlet	Body	Outlet	Inlet	Body	Outlet	Hg	H ₂ O			
 Engine (8.7 LTA)			4.0	11.0		102	279		2.9	39	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.9	26	3	M120235	OE replacement
Series 40E (8.7 LTA)	275 to 300		5.0	10x15	5.0	127	254x381	127	2.2	30	3	M120235	OE replacement
Series 40E (8.7 LTA)	320		5.0	10x15	5.0	127	254x381	127	2.3	31	3	M120235	OE replacement

International

 Engine	DT817	385	4.0	8.5	4.0	102	216	102	1.7	23	1	M085171				
			4.0	9.0	5.0	102	229	127	2.4	33	1	M090781				
			5.0	9.0	5.0	127	229	127	2.0	28	1	M090074				
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy			
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100465	Best value, most popular			
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100580	OE replacement			
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100807	60" (1524mm) Long Body			
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100944	OE replacement for higher HP			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101158	Silent Partner Stainless			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101181	Silent Partner Aluminized			
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101263	Freightliner only			
			5.0	11.0	5.0	127	279	127	1.8	25	1	M110849				
	DT812B	320	4.0	8.5	4.0	102	216	102	1.7	23	1	M085171				
			4.0	9.0	5.0	102	229	127	2.4	33	1	M090781				
			5.0	9.0	5.0	127	229	127	2.0	28	1	M090074				
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy			
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100465	Best value, most popular			
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100580	OE replacement			
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100807	60" (1524mm) Long Body			
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100944	OE replacement for higher HP			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101158	Silent Partner Stainless			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101181	Silent Partner Aluminized			
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101263	Freightliner only			
			5.0	11.0	5.0	127	279	127	1.8	25	1	M110849				
	DT817C	420	4.0	8.5	4.0	102	216	102	1.7	23	1	M085171				
			4.0	9.0	5.0	102	229	127	2.4	33	1	M090781				
			5.0	9.0	5.0	127	229	127	2.0	28	1	M090074				
			5.0	9.0	5.0	127	229	127	1.1	15	1	M090535	Low backpressure, off-hwy			
			5.0	10.0	5.0	127	254	127	1.1	15	1	M100463	Low backpressure, off-hwy			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100465	Best value, most popular			
			5.0	10.0	5.0	127	254	127	2.3	31	1	M100580	OE replacement			
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100807	60" (1524mm) Long Body			
			5.0	10.0	5.0	127	254	127	1.8	25	1	M100944	OE replacement for higher HP			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101158	Silent Partner Stainless			
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101181	Silent Partner Aluminized			
			5.0	10.0	5.0	127	254	127	2.3	31	1	M101263	Freightliner only			
			5.0	11.0	5.0	127	279	127	1.8	25	1	M110849				
 Engine	DT817	385	4.0	9.0	4.0	102	229	102	1.0	14	1	M090544				
			4.0	10.3	4.0	102	262	102	2.0	27	1	M100464	Wrapped muffler			
			4.0	10.0	4.0	102	254	102	1.1	14	1	M100466				
			4.0	10.0	5.0	102	254	127	1.7	23	1	M100695				
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100582	OE replacement			
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101159	Silent Partner Stainless			
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101182	Silent Partner Aluminized			
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849				
				DT812B	320	4.0	9.0	4.0	102	229	102	1.0	14	1	M090544	
						4.0	10.3	4.0	102	262	102	2.0	27	1	M100464	Wrapped muffler
						4.0	10.0	4.0	102	254	102	1.1	14	1	M100466	
						4.0	10.0	5.0	102	254	127	1.7	23	1	M100695	
						5.0	10.0	5.0	127	254	127	1.3	18	1	M100582	OE replacement
5.0	10.0	5.0				127	254	127	1.3	18	1	M101159	Silent Partner Stainless			
5.0	10.0	5.0				127	254	127	1.3	18	1	M101182	Silent Partner Aluminized			
	DT817C	420	4.0	9.0	4.0	102	229	102	1.0	14	1	M090544				
			4.0	10.3	4.0	102	262	102	2.0	27	1	M100464	Wrapped muffler			
			4.0	10.0	4.0	102	254	102	1.1	14	1	M100466				
			4.0	10.0	5.0	102	254	127	1.7	23	1	M100695				
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100582	OE replacement			

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes	
			Inlet	Body	Outlet	Inlet	Body	Outlet					
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101159	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.3	18	1	M101182	Silent Partner Aluminized
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849	
	6.9L	170	4.0	10.0	4.0	102	254	102	1.1	15	3	M100146	
	7.3L (T444)	175	4.0	10.0	4.0	102	254	102	1.3	17	3	M100146	
	9.0L	185	4.0	9.0	5.0	102	229	127	0.6	9	3	M090823	
			4.0	10.0	4.0	102	254	102	1.8	24	3	M100146	
			4.0	11.8	5.0	102	300	127	0.7	9	3	M120598	
			5.0	10.0	5.0	127	254	127	0.6	8	3	M100213	
	DT360	190	4.0	9.0	5.0	102	229	127	1.1	15	3	M090823	
			4.0	11.8	5.0	102	300	127	1.2	16	3	M120598	
			5.0	10.0	5.0	127	254	127	1.0	14	3	M100213	
	DT466E	195 to 275	4.0	9.0	5.0	102	229	127	1.7	22	3	M090823	
4.0			11.8	5.0	102	300	127	1.7	24	3	M120598		
5.0			10.0	5.0	127	254	127	1.5	21	3	M100213		
DT414	220	4.0	9.0	5.0	102	229	127	0.7	9	3	M090823		
		4.0	10.0	4.0	102	254	102	1.9	26	3	M100146		
		4.0	11.8	5.0	102	300	127	0.7	10	3	M120598		
		5.0	10.0	5.0	127	254	127	0.6	9	3	M100213		
DT420	225	4.0	10.0	4.0	102	254	102	1.6	21	3	M100146		
	6.9L	170	3.0	8.5	3.0	76	216	76	1.6	22	2	M085023	
			3.0	8.5	3.0	76	216	76	1.6	22	2	M085056	
			3.0	8.5	3.0	76	216	76	2.0	28	2	M085078	
			3.0	8.3x11.5	3.0	76	211x292	76	2.9	39	2	M090170	
			3.0	8.5x11.8	3.0	76	216x300	76	2.9	39	2	M090159	Wrapped muffler
			3.5	8.5	3.0	89	216	76	1.5	20	2	M085008	
			3.5	8.3x11.5	3.5	89	211x292	89	1.1	15	2	M090158	
			3.5	8.3x11.5	4.0	89	211x292	102	0.7	9	2	M090680	OE replacement
			3.5	8.5x11.8	3.5	89	216x300	89	1.1	15	2	M090210	Wrapped muffler
			4.0	10.0	4.0	102	254	102	0.7	9	2	M100048	Aftermarket
	4.0	11.0	4.0	102	279	102	0.7	9	2	M110012			
	4.0	11.0	4.0	102	279	102	0.6	8	2	M110189	OE replacement		
	4.0	8.3x11.5	3.5	102	211x292	89	1.1	15	2	M090538			
	4.0	8.3x11.5	4.0	102	211x292	102	0.7	9	2	M090280	Aftermarket, shorter than OE		
	4.0	8.3x11.5	4.0	102	211x292	102	0.6	9	2	M090534	Aftermarket, shorter than OE		
	4.0	10.3x15.3	4.0	102	261x389	102	1.0	14	2	M120197	Wrapped muffler, OE		
	7.3L (T444)	175	3.0	8.5	3.0	76	216	76	1.8	24	2	M085023	
			3.0	8.5	3.0	76	216	76	1.8	24	2	M085056	
			3.0	8.5	3.0	76	216	76	2.3	31	2	M085078	
			3.5	8.5	3.0	89	216	76	1.7	23	2	M085008	
3.5			8.3x11.5	3.5	89	211x292	89	1.3	17	2	M090158		
3.5			8.3x11.5	4.0	89	211x292	102	0.8	10	2	M090680	OE replacement	
3.5			8.5x11.8	3.5	89	216x300	89	1.3	17	2	M090210	Wrapped muffler	
4.0			10.0	4.0	102	254	102	0.8	10	2	M100048	Aftermarket	
4.0			11.0	4.0	102	279	102	0.7	10	2	M110012		
4.0			11.0	4.0	102	279	102	0.7	9	2	M110189	OE replacement	
9.0L	185	3.0	8.5	3.0	76	216	76	2.5	34	2	M085023		
		3.0	8.5	3.0	76	216	76	2.5	34	2	M085056		
		3.0	11.0	4.0	76	279	102	0.7	9	1	M111029	OE replacement	
		3.5	8.5	3.0	89	216	76	2.4	33	2	M085008		
		3.5	8.3x11.5	3.5	89	211x292	89	1.8	25	2	M090158		
		3.5	8.3x11.5	4.0	89	211x292	102	1.1	15	2	M090680	OE replacement	
		3.5	8.5x11.8	3.5	89	216x300	89	1.8	25	2	M090210	Wrapped muffler	
		4.0	10.0	4.0	102	254	102	1.1	15	2	M100048	Aftermarket	
		4.0	11.0	4.0	102	279	102	1.1	14	2	M110012		
		4.0	11.0	4.0	102	279	102	1.0	13	2	M110189	OE replacement	
4.0	10x15	4.0	102	254x381	102	0.8	11	2	M120100	Aftermarket, shorter than OE			
4.0	8.3x11.5	3.5	102	211x292	89	1.8	24	2	M090538				
4.0	8.3x11.5	4.0	102	211x292	102	1.1	15	2	M090280	Aftermarket, shorter than OE			
4.0	8.3x11.5	4.0	102	211x292	102	1.0	14	2	M090534	Aftermarket, shorter than OE			
4.0	10.3x15.3	4.0	102	261x389	102	1.7	22	2	M120197	Wrapped muffler, OE			
5.0	10x15	5.0	127	254x381	127	0.6	8	2	M120365	Aftermarket			

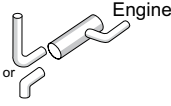
Engine Make & Exhaust System Configuration	Engine Model	Engine H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes		
			inches			mm			inches of Hg	H ₂ O				
			Inlet	Body	Outlet	Inlet	Body	Outlet						
 Engine	DT360	190	5.0	10x15	5.0	127	254x381	127	0.6	9	2	M120448	OE replacement	
			3.0	11.0	4.0	76	279	102	1.2	16	1	M111029	OE replacement	
			3.5	8.3x11.5	4.0	89	211x292	102	1.9	26	2	M090680	OE replacement	
			4.0	10.0	4.0	102	254	102	2.0	27	2	M100048	Aftermarket	
			4.0	11.0	4.0	102	279	102	1.9	26	2	M110012		
			4.0	11.0	4.0	102	279	102	1.7	23	2	M110189	OE replacement	
			4.0	11.0	5.0	102	279	127	1.0	14	2	M111028	Inlet dimension is OD	
			4.0	10x15	4.0	102	254x381	102	1.4	19	2	M120100	Aftermarket, shorter than OE	
			4.0	8.3x11.5	4.0	102	211x292	102	1.9	26	2	M090280	Aftermarket, shorter than OE	
			4.0	8.3x11.5	4.0	102	211x292	102	1.8	24	2	M090534	Aftermarket, shorter than OE	
			4.0	10.3x15.3	4.0	102	261x389	102	2.9	40	2	M120197	Wrapped muffler, OE	
			5.0	10x15	5.0	127	254x381	127	1.1	14	2	M120108	For off-hwy, shorter than OE	
			5.0	10x15	5.0	127	254x381	127	0.7	9	2	M120225	For off-hwy, shorter than OE	
			5.0	10x15	5.0	127	254x381	127	1.1	15	2	M120365	Aftermarket	
			5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120448	OE replacement	
DT466E	195 to 210	3.0	11.0	4.0	76	279	102	1.5	20	1	M111029	OE replacement		
		3.5	8.3x11.5	4.0	89	211x292	102	2.4	32	2	M090680	OE replacement		
		4.0	10.0	4.0	102	254	102	2.4	33	2	M100048	Aftermarket		
		4.0	11.0	4.0	102	279	102	2.3	32	2	M110012			
		4.0	11.0	4.0	102	279	102	2.1	29	2	M110189	OE replacement		
		4.0	11.0	5.0	102	279	127	1.2	17	2	M111028	Inlet dimension is OD		
		4.0	8.3x11.5	4.0	102	211x292	102	2.4	32	2	M090280	Aftermarket, shorter than OE		
		4.0	8.3x11.5	4.0	102	211x292	102	2.2	30	2	M090534	Aftermarket, shorter than OE		
		4.0	10x15	4.0	102	254x381	102	1.8	24	2	M120100	Aftermarket, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120108	For off-hwy, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	0.8	12	2	M120225	For off-hwy, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120365	Aftermarket		
		5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120448	OE replacement		
		DT466E	230 to 275	3.0	11.0	4.0	76	279	102	1.7	24	1	M111029	OE replacement
				3.5	8.3x11.5	4.0	89	211x292	102	2.8	39	2	M090680	OE replacement
4.0	10.0			4.0	102	254	102	2.9	39	2	M100048	Aftermarket		
4.0	11.0			4.0	102	279	102	2.8	38	2	M110012			
4.0	11.0			4.0	102	279	102	2.5	34	2	M110189	OE replacement		
4.0	11.0			5.0	102	279	127	1.5	20	2	M111028	Inlet dimension is OD		
4.0	8.3x11.5			4.0	102	211x292	102	2.8	39	2	M090280	Aftermarket, shorter than OE		
4.0	8.3x11.5			4.0	102	211x292	102	2.7	36	2	M090534	Aftermarket, shorter than OE		
4.0	10x15			4.0	102	254x381	102	2.1	29	2	M120100	Aftermarket, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.6	21	2	M120108	For off-hwy, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.0	14	2	M120225	For off-hwy, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.6	22	2	M120365	Aftermarket		
5.0	10x15			5.0	127	254x381	127	1.7	23	2	M120448	OE replacement		
DT414	220			3.0	8.5	3.0	76	216	76	2.7	37	2	M085023	
				3.0	8.5	3.0	76	216	76	2.7	37	2	M085056	
		3.0	11.0	4.0	76	279	102	0.7	10	1	M111029	OE replacement		
		3.5	8.5	3.0	89	216	76	2.6	35	2	M085008			
		3.5	8.3x11.5	3.5	89	211x292	89	2.0	27	2	M090158			
		3.5	8.3x11.5	4.0	89	211x292	102	1.2	16	2	M090680	OE replacement		
		3.5	8.5x11.8	3.5	89	216x300	89	2.0	27	2	M090210	Wrapped muffler		
		4.0	10.0	4.0	102	254	102	1.2	16	2	M100048	Aftermarket		
		4.0	11.0	4.0	102	279	102	1.1	16	2	M110012			
		4.0	11.0	4.0	102	279	102	1.0	14	2	M110189	OE replacement		
		4.0	11.0	5.0	102	279	127	0.6	8	2	M111028	Inlet dimension is OD		
		4.0	8.3x11.5	3.5	102	211x292	89	1.9	26	2	M090538			
		4.0	8.3x11.5	4.0	102	211x292	102	1.2	16	2	M090280	Aftermarket, shorter than OE		
		4.0	8.3x11.5	4.0	102	211x292	102	1.1	15	2	M090534	Aftermarket, shorter than OE		
		4.0	10x15	4.0	102	254x381	102	0.9	12	2	M120100	Aftermarket, shorter than OE		
		4.0	10.3x15.3	4.0	102	261x389	102	1.8	24	2	M120197	Wrapped muffler, OE		
		5.0	10x15	5.0	127	254x381	127	0.6	9	2	M120108	For off-hwy, shorter than OE		
		5.0	10x15	5.0	127	254x381	127	0.7	9	2	M120365	Aftermarket		
		5.0	10x15	5.0	127	254x381	127	0.7	9	2	M120448	OE replacement		
		DT420	225	3.0	8.5	3.0	76	216	76	2.2	30	2	M085023	
3.0	8.5			3.0	76	216	76	2.2	30	2	M085056			
3.0	8.5			3.0	76	216	76	2.8	39	2	M085078			
3.5	8.5			3.0	89	216	76	2.1	28	2	M085008			
3.5	8.3x11.5			3.5	89	211x292	89	1.6	21	2	M090158			
3.5	8.3x11.5			4.0	89	211x292	102	0.9	13	2	M090680	OE replacement		
3.5	8.5x11.8			3.5	89	216x300	89	1.6	21	2	M090210	Wrapped muffler		
4.0	10.0			4.0	102	254	102	1.0	13	2	M100048	Aftermarket		

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes				
			inches			mm			inches of Hg	H ₂ O						
			Inlet	Body	Outlet	Inlet	Body	Outlet								
			4.0	11.0	4.0	102	279	102	0.9	13	2	M110012				
			4.0	11.0	4.0	102	279	102	0.8	11	2	M110189	OE replacement			
			4.0	8.3x11.5	3.5	102	211x292	89	1.5	21	2	M090538				
			4.0	8.3x11.5	4.0	102	211x292	102	0.9	13	2	M090280	Aftermarket, shorter than OE			
			4.0	8.3x11.5	4.0	102	211x292	102	0.9	12	2	M090534	Aftermarket, shorter than OE			
			4.0	10x15	4.0	102	254x381	102	0.7	9	2	M120100	Aftermarket, shorter than OE			
			4.0	10.3x15.3	4.0	102	261x389	102	1.4	20	2	M120197	Wrapped muffler, OE			
			5.0	10x15	5.0	127	254x381	127	0.6	8	2	M120448	OE replacement			
			DT817	385		4.0	11.0	5.0	102	279	127	2.8	39	2	M111028	Inlet dimension is OD
						5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE			
DT812B	320		4.0	11.0	5.0	102	279	127	2.8	39	2	M111028	Inlet dimension is OD			
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120225	For off-hwy, shorter than OE			
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE			
DT817C	420		4.0	11.0	5.0	102	279	127	2.8	39	2	M111028	Inlet dimension is OD			
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120225	For off-hwy, shorter than OE			
			6.0	10x15	6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE			
DT817	385		5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120131	For off-hwy, shorter than OE			
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120450	OE replacement			
DT812B	320		5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120131	For off-hwy, shorter than OE			
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120450	OE replacement			
DT817C	420		5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120131	For off-hwy, shorter than OE			
			5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120450	OE replacement			
6.9L	170		3.5	8.3x11.5	4.0	89	211x292	102	0.9	12	4	M090547	OE replacement			
			4.0	10.0	4.0	102	254	102	0.7	10	4	M100052				
			4.0	11.0	4.0	102	279	102	0.6	8	4	M110112				
			4.0	10x15	4.0	102	254x381	102	0.7	9	4	M120367	Aftermarket, shorter than OE			
7.3L (T444)	175		3.5	8.3x11.5	4.0	89	211x292	102	1.0	13	4	M090547	OE replacement			
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	0.6	8	4	M090548	OE replacement			
			4.0	10.0	4.0	102	254	102	0.8	11	4	M100052				
			4.0	11.0	4.0	102	279	102	0.7	9	4	M110112				
			4.0	11.0	4.0	102	279	102	0.7	9	4	M110148				
			4.0	11.0	4.0	102	279	102	0.7	9	4	M110311	Inlet dimension is OD			
			4.0	11.0	4.0	102	279	102	0.6	8	4	M111025	Inlet & outlet dimension is OD			
			4.0	10x15	4.0	102	254x381	102	0.8	10	4	M120367	Aftermarket, shorter than OE			
9.0L	185		3.5	8.3x11.5	4.0	89	211x292	102	1.4	19	4	M090547	OE replacement			
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	0.9	12	4	M090548	OE replacement			
			4.0	10.0	4.0	102	254	102	1.1	15	4	M100052				
			4.0	11.0	4.0	102	279	102	0.9	13	4	M110112				
			4.0	11.0	4.0	102	279	102	0.9	13	4	M110148				
			4.0	11.0	4.0	102	279	102	0.9	13	4	M110311	Inlet dimension is OD			
			4.0	11.0	4.0	102	279	102	0.8	11	4	M111025	Inlet & outlet dimension is OD			
			5.0	10x15	5.0	127	254x381	127	0.6	8	4	M120366	OE replacement			
			4.0	10x15	4.0	102	254x381	102	1.1	15	4	M120367	Aftermarket, shorter than OE			
DT360	190		3.5	8.3x11.5	4.0	89	211x292	102	2.5	34	4	M090547	OE replacement			
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	1.6	21	4	M090548	OE replacement			
			4.0	10.0	4.0	102	254	102	2.0	27	4	M100052				
			5.0	11.0	5.0	127	279	127	0.9	13	4	M110014	OE replacement			
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110112				
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110148				
			4.0	11.0	4.0	102	279	102	1.7	23	4	M110311	Inlet dimension is OD			
			4.0	11.0	4.0	102	279	102	1.5	20	4	M111025	Inlet & outlet dimension is OD			
			5.0	10x15	5.0	127	254x381	127	1.0	14	4	M120366	OE replacement			
			4.0	10x15	4.0	102	254x381	102	2.0	27	4	M120367	Aftermarket, shorter than OE			
DT466E	195 to 210		3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	1.9	26	4	M090548	OE replacement			
			4.0	10.0	4.0	102	254	102	2.5	34	4	M100052				
			4.0	11.0	4.0	102	279	102	2.0	28	4	M110112				
			4.0	11.0	4.0	102	279	102	2.0	28	4	M110148				
			4.0	11.0	4.0	102	279	102	2.0	28	4	M110311	Inlet dimension is OD			
			4.0	11.0	4.0	102	279	102	1.8	24	4	M111025	Inlet & outlet dimension is OD			
			4.0	10x15	4.0	102	254x381	102	2.4	33	4	M120367	Aftermarket, shorter than OE			
			5.0	11.0	5.0	127	279	127	1.2	16	4	M110014	OE replacement			
			5.0	10x15	5.0	127	254x381	127	1.2	17	4	M120366	OE replacement			

Truck Engine Muffler Application



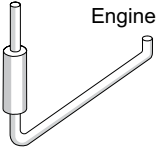
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
	DT466E	230 to 275	3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	2.3	31	4	M090548	OE replacement
			4.0	11.0	4.0	102	279	102	2.5	33	4	M110112	
			4.0	11.0	4.0	102	279	102	2.5	33	4	M110148	
			4.0	11.0	4.0	102	279	102	2.5	33	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	2.2	29	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.9	39	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.4	19	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.5	20	4	M120366	OE replacement
			3.5	8.3x11.5	4.0	89	211x292	102	1.5	21	4	M090547	OE replacement
			3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	0.9	13	4	M090548	OE replacement
			4.0	10.0	4.0	102	254	102	1.2	17	4	M100052	
			4.0	11.0	4.0	102	279	102	1.0	14	4	M110112	
			4.0	11.0	4.0	102	279	102	1.0	14	4	M110148	
			4.0	11.0	4.0	102	279	102	1.0	14	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	0.9	12	4	M111025	Inlet & outlet dimension is OD
4.0	10x15	4.0	102	254x381	102	1.2	16	4	M120367	Aftermarket, shorter than OE			
5.0	11.0	5.0	127	279	127	0.6	8	4	M110014	OE replacement			
5.0	10x15	5.0	127	254x381	127	0.6	8	4	M120366	OE replacement			
DT420	225	3.5	8.3x11.5	4.0	89	211x292	102	1.2	17	4	M090547	OE replacement	
		3.5	8.3x11.5	4.0 OD	89	211x292	102 OD	0.8	10	4	M090548	OE replacement	
		4.0	10.0	4.0	102	254	102	1.0	13	4	M100052		
		4.0	11.0	4.0	102	279	102	0.8	11	4	M110112		
		4.0	11.0	4.0	102	279	102	0.8	11	4	M110148		
		4.0	11.0	4.0	102	279	102	0.8	11	4	M110311	Inlet dimension is OD	
		4.0	11.0	4.0	102	279	102	0.7	10	4	M111025	Inlet & outlet dimension is OD	
		4.0	10x15	4.0	102	254x381	102	1.0	13	4	M120367	Aftermarket, shorter than OE	
		5.0	11.0	5.0	127	279	127	0.6	8	4	M110014	OE replacement	
		5.0	10x15	5.0	127	254x381	127	0.6	8	4	M120366	OE replacement	
DT817	385	5.0	11.0	5.0	127	279	127	2.7	37	4	M110014	OE replacement	
		5.0	10x15	5.0	127	254x381	127	2.8	39	4	M120366	OE replacement	
DT812B	320	5.0	11.0	5.0	127	279	127	2.7	37	4	M110014	OE replacement	
		5.0	10x15	5.0	127	254x381	127	2.8	39	4	M120366	OE replacement	
DT817C	420	5.0	11.0	5.0	127	279	127	2.7	37	4	M110014	OE replacement	
		5.0	10x15	5.0	127	254x381	127	2.8	39	4	M120366	OE replacement	
6.9L	170	3.0	8.5	3.0	76	216	76	1.8	24	6	M085208		
		3.5	8.3x11.5	3.5	89	211x292	89	1.5	20	6	M090598		
		4.0	10.0	4.0	102	254	102	0.7	10	6	M100572		
		4.0	11.0	4.0	102	279	102	0.6	8	6	M111026	Outlet dimension is OD	
7.3L (T444)	175	3.0	8.5	3.0	76	216	76	2.0	27	6	M085208		
		3.5	8.3x11.5	3.5	89	211x292	89	1.6	22	6	M090598		
		4.0	10.0	4.0	102	254	102	0.8	11	6	M100572		
		4.0	11.0	4.0	102	279	102	0.6	9	6	M111026	Outlet dimension is OD	
9.0L	185	3.0	8.5	3.0	76	216	76	2.8	38	6	M085208		
		3.5	8.3x11.5	3.5	89	211x292	89	2.3	32	6	M090598		
		4.0	10.0	4.0	102	254	102	1.2	16	6	M100572		
		4.0	11.0	4.0	102	279	102	0.9	12	6	M111026	Outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	0.6	8	6	M120418	For off-hwy, shorter than OE	
DT360	190	4.0	10.0	4.0	102	254	102	2.1	28	6	M100572		
		4.0	11.0	4.0	102	279	102	1.6	22	6	M111026	Outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.0	14	6	M120418	For off-hwy, shorter than OE	
DT466E	195 to 210	4.0	10.0	4.0	102	254	102	2.5	35	6	M100572		
		4.0	11.0	4.0	102	279	102	2.0	27	6	M111026	Outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.3	17	6	M120418	For off-hwy, shorter than OE	
DT466E	250 to 275	5.0	10x15	5.0	127	254x381	127	1.5	21	6	M120418	For off-hwy, shorter than OE	
		4.0	11.0	4.0	102	279	102	2.4	32	6	M111026	Outlet dimension is OD	
DT414	220	3.5	8.3x11.5	3.5	89	211x292	89	2.5	34	6	M090598		
		4.0	10.0	4.0	102	254	102	1.3	17	6	M100572		
		4.0	11.0	4.0	102	279	102	1.0	13	6	M111026	Outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	0.6	9	6	M120418	For off-hwy, shorter than OE	
DT420	225	3.0	8.5	3.0	76	216	76	2.4	33	6	M085208		
		3.5	8.3x11.5	3.5	89	211x292	89	2.0	28	6	M090598		
		4.0	10.0	4.0	102	254	102	1.0	14	6	M100572		
		4.0	11.0	4.0	102	279	102	0.8	11	6	M111026	Outlet dimension is OD	
DT817	385	5.0	10x15	5.0	127	254x381	127	3.0	40	6	M120418	For off-hwy, shorter than OE	
DT812B	320	5.0	10x15	5.0	127	254x381	127	3.0	40	6	M120418	For off-hwy, shorter than OE	
DT817C	420	5.0	10x15	5.0	127	254x381	127	3.0	40	6	M120418	For off-hwy, shorter than OE	
6.9L	170	3.5	8.5	3.0	89	216	76	3.0	40	3	M085084		

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes	
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	7.3L (T444)	175	3.0	8.8	3.0	76	222	76	2.9	40	3	M085226	Wrapped muffler
			3.5	8.3x11.5	3.5	89	211x292	89	1.6	22	3	M090301	
			4.0	11.0	4.0	102	279	102	0.8	10	3	M110479	
			4.0	11.0	4.0	102	279	102	0.7	10	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		0.7	9	3	M111024	Outlet has down spout
			3.5	8.3x11.5	3.5	89	211x292	89	1.8	24	3	M090301	
			4.0	11.0	4.0	102	279	102	0.9	12	3	M110479	
			4.0	11.0	4.0	102	279	102	0.8	11	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		0.8	10	3	M111024	Outlet has down spout
			3.5	8.3x11.5	3.5	89	211x292	89	2.6	35	3	M090301	
			4.0	11.0	4.0	102	279	102	1.2	17	3	M110479	
			4.0	11.0	4.0	102	279	102	1.1	15	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		1.1	15	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	0.7	10	3	M120235	OE replacement
			4.0	11.0	4.0	102	279	102	2.2	30	3	M110479	
			4.0	11.0	4.0	102	279	102	2.0	27	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.0	27	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.3	18	3	M120235	OE replacement
			4.0	11.0	4.0	102	279	102	2.7	37	3	M110479	
			4.0	11.0	4.0	102	279	102	2.5	34	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.4	33	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.6	22	3	M120235	OE replacement
			4.0	11.0		102	279		2.9	39	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.9	26	3	M120235	OE replacement
3.5	8.3x11.5	3.5	89	211x292	89	2.8	38	3	M090301				
4.0	11.0	4.0	102	279	102	1.3	18	3	M110479				
4.0	11.0	4.0	102	279	102	1.2	17	3	M110674	Band clamp on inlet			
4.0	11.0		102	279		1.2	16	3	M111024	Outlet has down spout			
5.0	10x15	5.0	127	254x381	127	0.8	11	3	M120235	OE replacement			
3.5	8.3x11.5	3.5	89	211x292	89	2.2	30	3	M090301				
4.0	11.0	4.0	102	279	102	1.1	15	3	M110479				
4.0	11.0	4.0	102	279	102	1.0	13	3	M110674	Band clamp on inlet			
4.0	11.0		102	279		1.0	13	3	M111024	Outlet has down spout			
5.0	10x15	5.0	127	254x381	127	0.6	9	3	M120235	OE replacement			
Mack													
E9	500		5.0	9.0	5.0	127	229	127	1.9	26	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.9	26	1	M100463	Low backpressure, off-hwy
ENDT865	325		4.0	8.5	4.0	102	216	102	1.6	22	1	M085171	
			4.0	9.0	5.0	102	229	127	2.3	32	1	M090781	
			5.0	9.0	5.0	127	229	127	2.0	27	1	M090074	
			5.0	9.0	5.0	127	229	127	1.5	20	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	14	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.1	29	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.2	30	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.4	33	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.8	24	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.1	29	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.2	30	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	1.8	24	1	M110849	
ENDT866	375		4.0	8.5	4.0	102	216	102	2.0	27	1	M085171	
			4.0	9.0	5.0	102	229	127	2.8	38	1	M090781	
			5.0	9.0	5.0	127	229	127	2.4	32	1	M090074	
			5.0	9.0	5.0	127	229	127	1.3	17	1	M090535	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.3	17	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	2.5	34	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	2.7	36	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	2.9	39	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	2.1	29	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	2.6	35	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	2.6	35	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	2.7	36	1	M101263	Freightliner only
			5.0	11.0	5.0	127	279	127	2.1	29	1	M110849	
E7 or E6	300 to 350		4.0	8.5	4.0	102	216	102	0.9	12	1	M085171	

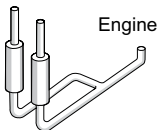
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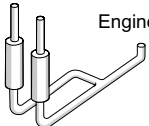


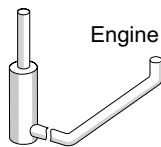
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg H ₂ O		Muffler Style & Part No.	Notes
			Inlet	Body	Outlet	Inlet	Body	Outlet	Hg	H ₂ O		



			5.0	9.0	5.0	127	229	127	1.1	15	1	M090074	
			5.0	9.0	5.0	127	229	127	0.6	8	1	M090535	Low backpressure, off-hwy
			4.0	9.0	5.0	102	229	127	1.3	17	1	M090781	
			5.0	10.0	5.0	127	254	127	0.6	8	1	M100463	Low backpressure, off-hwy
			5.0	10.0	5.0	127	254	127	1.1	16	1	M100465	Best value, most popular
			5.0	10.0	5.0	127	254	127	1.2	16	1	M100580	OE replacement
			5.0	10.0	5.0	127	254	127	1.3	18	1	M100807	60" (1524mm) Long Body
			5.0	10.0	5.0	127	254	127	1.0	13	1	M100944	OE replacement for higher HP
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101158	Silent Partner Stainless
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101181	Silent Partner Aluminized
			5.0	10.0	5.0	127	254	127	1.2	16	1	M101263	Freightliner only
5.0	11.0	5.0	127	279	127	1.0	13	1	M110849				
E7	400	4.0	8.5	4.0	102	216	102	1.1	15	1	M085171		
		4.0	9.0	5.0	102	229	127	1.6	22	1	M090781		
		5.0	9.0	5.0	127	229	127	1.4	19	1	M090074		
		5.0	9.0	5.0	127	229	127	0.7	10	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	0.7	10	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.5	20	1	M100465	Best value, most popular	
		5.0	10.0	5.0	127	254	127	1.5	21	1	M100580	OE replacement	
		5.0	10.0	5.0	127	254	127	1.7	23	1	M100807	60" (1524mm) Long Body	
		5.0	10.0	5.0	127	254	127	1.2	17	1	M100944	OE replacement for higher HP	
		5.0	10.0	5.0	127	254	127	1.5	20	1	M101158	Silent Partner Stainless	
		5.0	10.0	5.0	127	254	127	1.5	20	1	M101181	Silent Partner Aluminized	
5.0	10.0	5.0	127	254	127	1.5	21	1	M101263	Freightliner only			
5.0	11.0	5.0	127	279	127	1.2	17	1	M110849				
E7	427 to 460	4.0	8.5	4.0	102	216	102	1.6	22	1	M085171		
		4.0	9.0	5.0	102	229	127	2.3	31	1	M090781		
		5.0	9.0	5.0	127	229	127	1.9	26	1	M090074		
		5.0	9.0	5.0	127	229	127	1.0	14	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.0	14	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	2.1	28	1	M100465	Best value, most popular	
		5.0	10.0	5.0	127	254	127	2.2	30	1	M100580	OE replacement	
		5.0	10.0	5.0	127	254	127	2.3	32	1	M100807	60" (1524mm) Long Body	
		5.0	10.0	5.0	127	254	127	1.7	24	1	M100944	OE replacement for higher HP	
		5.0	10.0	5.0	127	254	127	2.1	28	1	M101158	Silent Partner Stainless	
		5.0	10.0	5.0	127	254	127	2.1	28	1	M101181	Silent Partner Aluminized	
5.0	10.0	5.0	127	254	127	2.2	30	1	M101263	Freightliner only			
5.0	11.0	5.0	127	279	127	1.7	23	1	M110849				
E7	310/330 & 330/355	4.0	8.5	4.0	102	216	102	0.9	12	1	M085171		
		4.0	9.0	5.0	102	229	127	1.2	17	1	M090781		
		5.0	9.0	5.0	127	229	127	1.0	14	1	M090074		
		5.0	9.0	5.0	127	229	127	0.6	8	1	M090535	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	0.6	8	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.1	15	1	M100465	Best value, most popular	
		5.0	10.0	5.0	127	254	127	1.2	16	1	M100580	OE replacement	
		5.0	10.0	5.0	127	254	127	1.3	17	1	M100807	60" (1524mm) Long Body	
		5.0	10.0	5.0	127	254	127	0.9	13	1	M100944	OE replacement for higher HP	
		5.0	10.0	5.0	127	254	127	1.1	15	1	M101158	Silent Partner Stainless	
		5.0	10.0	5.0	127	254	127	1.1	15	1	M101181	Silent Partner Aluminized	
5.0	10.0	5.0	127	254	127	1.2	16	1	M101263	Freightliner only			
5.0	11.0	5.0	127	279	127	0.9	13	1	M110849				
E7	355/380	4.0	8.5	4.0	102	216	102	1.0	14	1	M085171		
		5.0	9.0	5.0	127	229	127	1.2	16	1	M090074		
		5.0	9.0	5.0	127	229	127	0.6	9	1	M090535	Low backpressure, off-hwy	
		4.0	9.0	5.0	102	229	127	1.4	19	1	M090781		
		5.0	10.0	5.0	127	254	127	0.6	9	1	M100463	Low backpressure, off-hwy	
		5.0	10.0	5.0	127	254	127	1.3	17	1	M100465	Best value, most popular	
		5.0	10.0	5.0	127	254	127	1.4	18	1	M100580	OE replacement	
		5.0	10.0	5.0	127	254	127	1.5	20	1	M100807	60" (1524mm) Long Body	
		5.0	10.0	5.0	127	254	127	1.1	15	1	M100944	OE replacement for higher HP	
		5.0	10.0	5.0	127	254	127	1.3	18	1	M101158	Silent Partner Stainless	
		5.0	10.0	5.0	127	254	127	1.3	18	1	M101181	Silent Partner Aluminized	
5.0	10.0	5.0	127	254	127	1.4	18	1	M101263	Freightliner only			
5.0	11.0	5.0	127	279	127	1.1	14	1	M110849				
E9	500	4.0	9.0	4.0	102	229	102	1.7	24	1	M090544		
		4.0	10.0	4.0	102	254	102	1.9	25	1	M100466		
		4.0	10.0	5.0	102	254	127	3.0	40	1	M100695		
		5.0	10.0	5.0	127	254	127	2.3	31	1	M100582	OE replacement	
		5.0	10.0	5.0	127	254	127	2.3	31	1	M101159	Silent Partner Stainless	
		5.0	10.0	5.0	127	254	127	2.3	31	1	M101182	Silent Partner Aluminized	
5.0	11.0	5.0	127	279	127	1.2	17	1	M110849				
ENDT865	325		4.0	9.0	4.0	102	229	102	1.0	13	1	M090544	

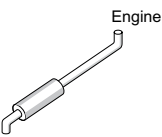


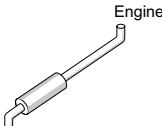
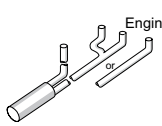
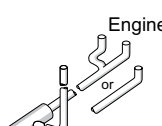
Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes			
			Inlet	Body	Outlet	Inlet	Body	Outlet							
			4.0	10.3	4.0	102	262	102	1.9	26	1	M100464	Wrapped muffler		
			4.0	10.0	4.0	102	254	102	1.0	14	1	M100466			
			4.0	10.0	5.0	102	254	127	1.6	22	1	M100695			
			5.0	10.0	5.0	127	254	127	1.3	17	1	M100582	OE replacement		
			5.0	10.0	5.0	127	254	127	1.3	17	1	M101159	Silent Partner Stainless		
			5.0	10.0	5.0	127	254	127	1.3	17	1	M101182	Silent Partner Aluminized		
			5.0	11.0	5.0	127	279	127	0.7	9	1	M110849			
			ENDT866	375	4.0	9.0	4.0	102	229	102	1.2	16	1	M090544	
					4.0	10.3	4.0	102	262	102	2.3	31	1	M100464	Wrapped muffler
					4.0	10.0	4.0	102	254	102	1.2	17	1	M100466	
		4.0	10.0	5.0	102	254	127	2.0	27	1	M100695				
		5.0	10.0	5.0	127	254	127	1.5	21	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	1.5	21	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	1.5	21	1	M101182	Silent Partner Aluminized			
		5.0	11.0	5.0	127	279	127	0.8	11	1	M110849				
E7 or E6	300 to 350	4.0	10.3	4.0	102	262	102	1.1	14	1	M100464	Wrapped muffler			
		4.0	10.0	5.0	102	254	127	0.9	12	1	M100695				
		5.0	10.0	5.0	127	254	127	0.7	9	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	0.7	9	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	0.7	9	1	M101182	Silent Partner Aluminized			
E7	400	4.0	9.0	4.0	102	229	102	0.7	9	1	M090544				
		4.0	10.3	4.0	102	262	102	1.3	18	1	M100464	Wrapped muffler			
		4.0	10.0	4.0	102	254	102	0.7	10	1	M100466				
		4.0	10.0	5.0	102	254	127	1.1	15	1	M100695				
		5.0	10.0	5.0	127	254	127	0.9	12	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	0.9	12	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	0.9	12	1	M101182	Silent Partner Aluminized			
E7	427 to 460	4.0	9.0	4.0	102	229	102	0.9	13	1	M090544				
		4.0	10.3	4.0	102	262	102	1.9	26	1	M100464	Wrapped muffler			
		4.0	10.0	4.0	102	254	102	1.0	14	1	M100466				
		4.0	10.0	5.0	102	254	127	1.6	22	1	M100695				
		5.0	10.0	5.0	127	254	127	1.2	17	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	1.2	17	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	1.2	17	1	M101182	Silent Partner Aluminized			
		5.0	11.0	5.0	127	279	127	0.7	9	1	M110849				
E7	310/330 & 330/355	4.0	10.3	4.0	102	262	102	1.0	14	1	M100464	Wrapped muffler			
		4.0	10.0	5.0	102	254	127	0.9	12	1	M100695				
		5.0	10.0	5.0	127	254	127	0.7	9	1	M100582	OE replacement			
		5.0	10.0	5.0	127	254	127	0.7	9	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	0.7	9	1	M101182	Silent Partner Aluminized			
E7	355/380	4.0	9.0	4.0	102	229	102	0.6	8	1	M090544				
		4.0	10.3	4.0	102	262	102	1.2	16	1	M100464	Wrapped muffler			
		4.0	10.0	4.0	102	254	102	0.6	8	1	M100466				
		5.0	10.0	5.0	127	254	127	0.8	10	1	M100582	OE replacement			
		4.0	10.0	5.0	102	254	127	1.0	14	1	M100695				
		5.0	10.0	5.0	127	254	127	0.8	10	1	M101159	Silent Partner Stainless			
		5.0	10.0	5.0	127	254	127	0.8	10	1	M101182	Silent Partner Aluminized			
				5.0	10.0	5.0	127	254	127	0.8	10	1	M101182	Silent Partner Aluminized	
ENDT865	325	4.0	9.0	5.0	102	229	127	3.0	40	3	M090823				
		5.0	10.0	5.0	127	254	127	2.9	39	3	M100213				
E7 or E6	300 to 350	4.0	9.0	5.0	102	229	127	1.7	23	3	M090823				
		4.0	11.8	5.0	102	300	127	1.8	24	3	M120598				
		5.0	10.0	5.0	127	254	127	1.6	21	3	M100213				
E7	400	4.0	9.0	5.0	102	229	127	2.2	29	3	M090823				
		4.0	11.8	5.0	102	300	127	2.3	31	3	M120598				
		5.0	10.0	5.0	127	254	127	2.0	27	3	M100213				
E7	457 to 460	4.0	9.0	5.0	102	229	127	3.0	41	3	M090823				
		5.0	10.0	5.0	127	254	127	2.8	38	3	M100213				
E7	310/330 & 330/355	4.0	9.0	5.0	102	229	127	1.6	22	3	M090823				
		4.0	11.8	5.0	102	300	127	1.7	24	3	M120598				
		5.0	10.0	5.0	127	254	127	1.5	21	3	M100213				
E7	355/380	4.0	9.0	5.0	102	229	127	1.9	26	3	M090823				
		4.0	11.8	5.0	102	300	127	2.0	27	3	M120598				
		5.0	10.0	5.0	127	254	127	1.8	24	3	M100213				
E6	350	3.0	11.0	4.0	76	279	102	2.4	33	1	M111029	OE replacement			

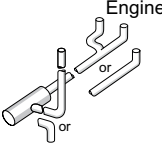
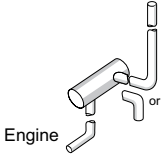
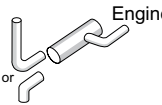


Truck Engine Muffler Application



Engine Make & Exhaust System Configuration		Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes			
				inches			mm			inches of Hg	H ₂ O					
				Inlet	Body	Outlet	Inlet	Body	Outlet							
				4.0	11.0	5.0	102	279	127	2.0	27	2	M111028	Inlet dimension is OD		
				4.0	10x15	4.0	102	254x381	102	2.9	39	2	M120100	Aftermarket, shorter than OE		
				5.0	10x15	5.0	127	254x381	127	2.1	29	2	M120108	For off-hwy, shorter than OE		
				5.0	10x15	5.0	127	254x381	127	1.4	19	2	M120225	For off-hwy, shorter than OE		
				5.0	10x15	5.0	127	254x381	127	2.2	31	2	M120365	Aftermarket		
				5.0	10x15	5.0	127	254x381	127	2.3	32	2	M120448	OE replacement		
				6.0	10x15	6.0	152	254x381	152	1.2	16	2	M122300	For off-hwy, shorter than OE		
				E9	500	6.0	10x15	6.0	152	254x381	152	2.9	39	2	M122300	For off-hwy, shorter than OE
				ENDT673	225	3.0	11.0	4.0	76	279	102	1.3	17	1	M111029	OE replacement
						4.0	10.0	4.0	102	254	102	2.1	29	2	M100048	Aftermarket
4.0	11.0	4.0	102			279	102	2.1	28	2	M110012					
4.0	11.0	4.0	102			279	102	1.9	25	2	M110189	OE replacement				
4.0	11.0	5.0	102			279	127	1.1	15	2	M111028	Inlet dimension is OD				
4.0	8.3x11.5	4.0	102			211x292	102	2.1	28	2	M090280	Aftermarket, shorter than OE				
4.0	8.3x11.5	4.0	102			211x292	102	1.9	26	2	M090534	Aftermarket, shorter than OE				
4.0	10x15	4.0	102			254x381	102	1.5	21	2	M120100	Aftermarket, shorter than OE				
5.0	10x15	5.0	127			254x381	127	1.1	15	2	M120108	For off-hwy, shorter than OE				
5.0	10x15	5.0	127			254x381	127	0.7	10	2	M120225	For off-hwy, shorter than OE				
5.0	10x15	5.0	127			254x381	127	1.2	16	2	M120365	Aftermarket				
5.0	10x15	5.0	127			254x381	127	1.2	17	2	M120448	OE replacement				
6.0	10x15	6.0	152			254x381	152	0.6	8	2	M122300	For off-hwy, shorter than OE				
ENDT675	235	3.0	11.0			4.0	76	279	102	1.4	19	1	M111029	OE replacement		
		4.0	10.0			4.0	102	254	102	2.3	31	2	M100048	Aftermarket		
		4.0	11.0	4.0	102	279	102	2.2	30	2	M110012					
		4.0	11.0	4.0	102	279	102	2.0	27	2	M110189	OE replacement				
		4.0	11.0	5.0	102	279	127	1.2	16	2	M111028	Inlet dimension is OD				
		4.0	8.3x11.5	4.0	102	211x292	102	2.3	31	2	M090280	Aftermarket, shorter than OE				
		4.0	8.3x11.5	4.0	102	211x292	102	2.1	29	2	M090534	Aftermarket, shorter than OE				
		4.0	10x15	4.0	102	254x381	102	1.7	23	2	M120100	Aftermarket, shorter than OE				
		5.0	10x15	5.0	127	254x381	127	1.2	17	2	M120108	For off-hwy, shorter than OE				
		5.0	10x15	5.0	127	254x381	127	0.8	11	2	M120225	For off-hwy, shorter than OE				
		5.0	10x15	5.0	127	254x381	127	1.3	18	2	M120365	Aftermarket				
		5.0	10x15	5.0	127	254x381	127	1.4	18	2	M120448	OE replacement				
		6.0	10x15	6.0	152	254x381	152	0.7	9	2	M122300	For off-hwy, shorter than OE				
		ENDT865	325	4.0	11.0	5.0	102	279	127	2.8	38	2	M111028	Inlet dimension is OD		
				5.0	10x15	5.0	127	254x381	127	2.9	40	2	M120108	For off-hwy, shorter than OE		
5.0	10x15			5.0	127	254x381	127	1.9	26	2	M120225	For off-hwy, shorter than OE				
6.0	10x15			6.0	152	254x381	152	1.6	22	2	M122300	For off-hwy, shorter than OE				
ENDT866	375	5.0	10x15	5.0	127	254x381	127	2.3	31	2	M120225	For off-hwy, shorter than OE				
		6.0	10x15	6.0	152	254x381	152	1.9	26	2	M122300	For off-hwy, shorter than OE				
E7	300 to 350	3.0	11.0	4.0	76	279	102	1.8	24	1	M111029	OE replacement				
		4.0	10.0	4.0	102	254	102	3.0	40	2	M100048	Aftermarket				
		4.0	11.0	4.0	102	279	102	2.9	39	2	M110012					
		4.0	11.0	4.0	102	279	102	2.6	35	2	M110189	OE replacement				
		4.0	11.0	5.0	102	279	127	1.5	20	2	M111028	Inlet dimension is OD				
		4.0	8.3x11.5	4.0	102	211x292	102	2.9	39	2	M090280	Aftermarket, shorter than OE				
		4.0	8.3x11.5	4.0	102	211x292	102	2.7	37	2	M090534	Aftermarket, shorter than OE				
		4.0	10x15	4.0	102	254x381	102	2.2	29	2	M120100	Aftermarket, shorter than OE				
		5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120108	For off-hwy, shorter than OE				
		5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120225	For off-hwy, shorter than OE				
		5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120365	Aftermarket				
		5.0	10x15	5.0	127	254x381	127	1.7	24	2	M120448	OE replacement				
		E7	400	4.0	11.0	5.0	102	279	127	1.9	26	2	M111028	Inlet dimension is OD		
				3.0	11.0	4.0	76	279	102	2.3	31	1	M111029	OE replacement		
				4.0	10x15	4.0	102	254x381	102	2.7	37	2	M120100	Aftermarket, shorter than OE		
5.0	10x15			5.0	127	254x381	127	2.0	28	2	M120108	For off-hwy, shorter than OE				
5.0	10x15			5.0	127	254x381	127	1.3	18	2	M120225	For off-hwy, shorter than OE				
5.0	10x15			5.0	127	254x381	127	2.1	29	2	M120365	Aftermarket				
5.0	10x15			5.0	127	254x381	127	2.2	30	2	M120448	OE replacement				
6.0	10x15			6.0	152	254x381	152	1.1	15	2	M122300	For off-hwy, shorter than OE				
E7	427			4.0	11.0	5.0	102	279	127	2.3	32	2	M111028	Inlet dimension is OD		
				3.0	11.0	4.0	76	279	102	2.8	38	1	M111029	OE replacement		
		5.0	10x15	5.0	127	254x381	127	2.5	33	2	M120108	For off-hwy, shorter than OE				
		5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120225	For off-hwy, shorter than OE				
		5.0	10x15	5.0	127	254x381	127	2.6	35	2	M120365	Aftermarket				
		5.0	10x15	5.0	127	254x381	127	2.7	37	2	M120448	OE replacement				
		6.0	10x15	6.0	152	254x381	152	1.3	18	2	M122300	For off-hwy, shorter than OE				
E7	460	4.0	11.0	5.0	102	279	127	2.7	37	2	M111028	Inlet dimension is OD				

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions inches			Muffler Dimensions mm			Backpressure inches of Hg / H ₂ O		Muffler Style & Part No.	Notes	
			Inlet	Body	Outlet	Inlet	Body	Outlet					
	E7	310/330 & 330/355	5.0	10x15	5.0	127	254x381	127	2.8	39	2	M120108	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120225	For off-hwy, shorter than OE
			6.0	10x15	6.0	152	254x381	152	1.6	21	2	M122300	For off-hwy, shorter than OE
			3.0	11.0	4.0	76	279	102	1.7	24	1	M111029	OE replacement
			4.0	10.0	4.0	102	254	102	2.9	39	2	M100048	Aftermarket
			4.0	11.0	4.0	102	279	102	2.8	38	2	M110012	
			4.0	11.0	4.0	102	279	102	2.5	34	2	M110189	OE replacement
			4.0	11.0	5.0	102	279	127	1.5	20	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.1	29	2	M120100	Aftermarket, shorter than OE
			4.0	8.3x11.5	4.0	102	211x292	102	2.8	38	2	M090280	Aftermarket, shorter than OE
	4.0	8.3x11.5	4.0	102	211x292	102	2.7	36	2	M090534	Aftermarket, shorter than OE		
	5.0	10x15	5.0	127	254x381	127	1.5	21	2	M120108	For off-hwy, shorter than OE		
	5.0	10x15	5.0	127	254x381	127	1.0	14	2	M120225	For off-hwy, shorter than OE		
	5.0	10x15	5.0	127	254x381	127	1.6	22	2	M120365	Aftermarket		
	5.0	10x15	5.0	127	254x381	127	1.7	23	2	M120448	OE replacement		
	E7	355/380	3.0	11.0	4.0	76	279	102	2.0	27	1	M111029	OE replacement
			4.0	11.0	4.0	102	279	102	2.9	39	2	M110028	Laminated (double) body
			4.0	11.0	5.0	102	279	127	1.7	23	2	M111028	Inlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.4	33	2	M120100	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.8	24	2	M120108	For off-hwy, shorter than OE
		5.0	10x15	5.0	127	254x381	127	1.2	16	2	M120225	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.9	25	2	M120365	Aftermarket	
		5.0	10x15	5.0	127	254x381	127	1.9	26	2	M120448	OE replacement	
	ENDT865	325	5.0	10x15	5.0	127	254x381	127	1.9	26	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120450	OE replacement
	ENDT866	375	5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.7	36	5	M120450	OE replacement
	E7 or E6	300 to 350	4.0	10x15	5.0	102	254x381	127	2.0	28	5	M120713	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.0	14	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	28	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.1	28	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.2	17	5	M120450	OE replacement
	E7	400	4.0	10x15	5.0	102	254x381	127	2.6	35	5	M120713	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.3	18	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	36	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.6	36	5	M120189	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	1.6	21	5	M120450	OE replacement
	E7	427 to 460	5.0	10x15	5.0	127	254x381	127	1.9	25	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.2	30	5	M120450	OE replacement
	E7	310/330 & 330/355	4.0	10x15	5.0	102	254x381	127	2.0	27	5	M120713	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.0	14	5	M120131	For off-hwy, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120176	Aftermarket, shorter than OE
			5.0	10x15	5.0	127	254x381	127	2.0	27	5	M120189	Aftermarket, shorter than OE
		5.0	10x15	5.0	127	254x381	127	1.2	16	5	M120450	OE replacement	
E7	355/380	4.0	10x15	5.0	102	254x381	127	2.3	31	5	M120713	OE replacement	
		5.0	10x15	5.0	127	254x381	127	1.2	16	5	M120131	For off-hwy, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120176	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	2.3	31	5	M120189	Aftermarket, shorter than OE	
		5.0	10x15	5.0	127	254x381	127	1.4	18	5	M120450	OE replacement	
	E6	350	4.0	11.0	4.0	102	279	102	3.0	40	4	M111025	Inlet & outlet dimension is OD
			5.0	11.0	5.0	127	279	127	1.9	26	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.0	27	4	M120366	OE replacement
	ENDT673	225	4.0	10.0	4.0	102	254	102	2.2	30	4	M100052	
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110112	
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110148	
			4.0	11.0	4.0	102	279	102	1.8	24	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.6	21	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.1	29	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.0	14	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.1	15	4	M120366	OE replacement
	ENDT675	235	4.0	10.0	4.0	102	254	102	2.4	32	4	M100052	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110112	
			4.0	11.0	4.0	102	279	102	1.9	26	4	M110148	

Engine Make & Exhaust System Configuration	Engine Model	H.P.	Muffler Dimensions						Backpressure		Muffler Style & Part No.	Notes	
			inches			mm			inches of Hg	H ₂ O			
	ENDT865	325	4.0	11.0	4.0	102	279	102	1.9	26	4	M110311	Inlet dimension is OD
			4.0	11.0	4.0	102	279	102	1.7	23	4	M111025	Inlet & outlet dimension is OD
			4.0	10x15	4.0	102	254x381	102	2.3	31	4	M120367	Aftermarket, shorter than OE
			5.0	11.0	5.0	127	279	127	1.1	15	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	1.2	16	4	M120366	OE replacement
	ENDT865	325	5.0	11.0	5.0	127	279	127	2.6	36	4	M110014	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.8	38	4	M120366	OE replacement
	E7	300 to 350	4.0	10.0	4.0	102	254	102	2.7	36	4	M100052	
			4.0	11.0	4.0	102	279	102	2.2	30	4	M110112	
			4.0	11.0	4.0	102	279	102	2.2	30	4	M110148	
4.0			11.0	4.0	102	279	102	2.2	30	4	M110311	Inlet dimension is OD	
4.0			11.0	4.0	102	279	102	1.9	26	4	M111025	Inlet & outlet dimension is OD	
4.0			10x15	4.0	102	254x381	102	2.6	35	4	M120367	Aftermarket, shorter than OE	
5.0			11.0	5.0	127	279	127	1.3	17	4	M110014	OE replacement	
5.0			10x15	5.0	127	254x381	127	1.3	18	4	M120366	OE replacement	
	E6	350	5.0	10x15	5.0	127	254x381	127	2.1	29	6	M120418	For off-hwy, shorter than OE
	ENDT673	225	4.0	10.0	4.0	102	254	102	2.2	30	6	M100572	
			4.0	11.0	4.0	102	279	102	1.7	24	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.1	15	6	M120418	For off-hwy, shorter than OE
	ENDT675	235	4.0	10.0	4.0	102	254	102	2.4	33	6	M100572	
			4.0	11.0	4.0	102	279	102	1.9	26	6	M111026	Outlet dimension is OD
			5.0	10x15	5.0	127	254x381	127	1.2	17	6	M120418	For off-hwy, shorter than OE
	ENDT865	325	5.0	10x15	5.0	127	254x381	127	2.9	39	6	M120418	For off-hwy, shorter than OE
	E7	300	4.0	10.0	4.0	102	254	102	2.7	37	6	M100572	
			4.0	11.0	4.0	102	279	102	2.1	29	6	M111026	Outlet dimension is OD
5.0			10x15	5.0	127	254x381	127	1.4	19	6	M120418	For off-hwy, shorter than OE	
E7	350	4.0	11.0	4.0	102	279	102	2.4	33	6	M111026	Outlet dimension is OD	
		5.0	10x15	5.0	127	254x381	127	1.6	21	6	M120418	For off-hwy, shorter than OE	
	E6	350	4.0	10x15	5.0	102	254x381	127	2.4	32	3	M120566	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.6	36	3	M120235	OE replacement
	ENDT673	225	4.0	11.0	4.0	102	279	102	2.4	32	3	M110479	
			4.0	11.0	4.0	102	279	102	2.2	30	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.1	29	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.4	19	3	M120235	OE replacement
	ENDT675	235	4.0	11.0	4.0	102	279	102	2.6	35	3	M110479	
			4.0	11.0	4.0	102	279	102	2.4	32	3	M110674	Band clamp on inlet
			4.0	11.0		102	279		2.3	31	3	M111024	Outlet has down spout
			5.0	10x15	5.0	127	254x381	127	1.5	21	3	M120235	OE replacement
			4.0	10x15	5.0	102	254x381	127	1.4	19	3	M120566	OE replacement
	E7	300 to 350	4.0	11.0		102	279		3.0	40	3	M111024	Outlet has down spout
			4.0	10x15	5.0	102	254x381	127	1.8	24	3	M120566	OE replacement
			5.0	10x15	5.0	127	254x381	127	2.0	27	2	M120235	OE replacement

This catalog section contains equipment manufacturers' and competitive manufacturers' part numbers cross referenced to the Donaldson part number. The manufacturers' names are abbreviated in the catalog.

The data in this catalog is also available from our website at donaldson.com. This cross reference information was compiled from available Donaldson data and should be used as a guide for choosing the proper replacement part. Check the product specifications BEFORE purchasing a part.

Manufacturers' Code Listing

Mfg. Code	Manufacturers' Name	Mfg. Code	Manufacturers' Name	Mfg. Code	Manufacturers' Name	Mfg. Code	Manufacturers' Name
AA	AMERICAN AUGERS	BATI	BENATI	COLT	COLT	EAC	ENGINE AND ACCESSORY INC
ABG	ABG	BDER	BOMBARDIER	COMP	COMPACT EQUIPMENT	EAGL	EAGLE TRUCK PRODUCTS
ABPS	AIRBORNE PRODUCT	BEQP	BELL EQUIPMENT	COMPAC	COMPACT TECHNOLOGIES	EAGP	EAGLE PICHER
AC	AC	BIAM	BUS INDUSTRIES	CONK	CONEK	EARN	EARNEST MACHINE
ACFT	ACRAFIT	BLDY	BLUE BIRD BODY	COUG	COUGLAR INDUSTRIES	EATN	EATON
ACMS	ALLIS CHALMERS	BLNT	BLOUNT	CRAN	CRANE CARRIER	ECLD	EUCLID
ADUM	ADVANCE MIXER	BLWL	BLACKWELDERS	CRMY	CHAMPION ROAD	ECS	ENGINE CONTROL SYSTEMS
AECW	A E C WHITLOCK	BMV	BMY WHEELED VEHICLES	CRPD	CEDARAPIDS	EGLE	EAGLE CRUSHER
AFC	AL FILTER CO	BNTA	BANTA ASSOCIATES	CRQT	CARQUEST	EIMC	EIMCO
AGCA	ACTIVE GEAR	BOMA	BOMAG	CSND	CROSLAND	EINT	EAGLE INTERNATIONAL
AGCO	AGCO	BORG	BORG-WARNER CHEMICALS	CTRY	CENTURY II	ELECT	ELECTROLUX
AGEM	AG CHEM EQUIPMENT	BOSS	BOSS INDUSTRIES	CUCC	CUB CADET	ELGN	ELGIN
AJMC	AUTO JET	BRED	BREDA COSTRUZIONI	CUMS	CUMMINS	EMOI	EMERGENCY ONE, INC.
ALMD	ALLMAND BROS	BRLEE	B R LEE INDUSTRIES	CYPR	CYPRESS	EMSN	EMERSON ELECTRIC
ALMN	AHLMANN	BROD	BRODERSON	DACR	DAVEY COMPRESSOR	ENGL	ENGELHARD CORP
ALP	ALLIANCE PARTS	BROW	BROWN DESIGN	DAEW	DAEWOO	ENGL	ENGELHARD CORP
ALSN	ALLISON	BRWY	BROCKWAY	DART	DART	ENGN	ENGINES INC
ALSY	ALLIED SYSTEM	BVER	BUHLER VERSATILE SERVICE	DCOA	DYNAMICS CORP OF AMERICA	ENMT	ENMTP CPG
AMBC	AMBAC			DCVG	DANA CORP	ENTW	ENTWISTLE COMPANY
AMC	AMC			DD	DETROIT DIESEL	ERIC	ERICKSON
AMEC	AM GENERAL			DENY	DENYO	ESSEX	ESSEX ELECTRO ENGES
AMERIC	AMERICAN CRANE CORP	CABT	CABOT CORP	DETZ	DEUTZ		
AMFGI	AURORA MFG INC	CALD	CARRIER TRANSICOLD	DFLX	DYNAFLEX	FAS	FASTENAL
AMHO	AMERICAN HOIST & DERRICK	CAM	CAMOPLAST INDUSTRIAL	DIA	DIAMANT BOART INC	FAST	FASTENWARE
AMLF	AMERICAN LAFRANCE	CAME	COMPACTION AMERICA	DINA	DINA SA	FAUN	FAUN
AMTK	AMTRAK	CANF	CANADIAN FILTER	DIND	DIAMOND	FDEN	FODEN
AP	A P PARTS	CASE	CASE	DLEQ	DIGITAL EQUIPMENT	FDQN	FIELD QUEEN
APE	APE INDUSTRI AB	CAT	CATERPILLAR	DLTC	DRILTECH	FEDM	FEDERAL MOTORS
ARDCO	ARDCO	CBM	CBM	DMAG	DEMAG	FEDR	FEDERAL-MOGUL
ARRO	ARROW-MASTER	CC	COUNTRY COACH	DMI	DMI	FENT	FENDT
ARV	ARVIN	CCML	CORNELL CRANES	DMON	DOMINION	FIAT	FIAT
AST	ASTEC UNDERGROUND	CDIV	CONTINENTAL DIVERSIFIED	DMT	DMT CORP	FILTER	FILTER SUPPLY CO
ASTEC	ASTEC	CEDAR	CEDARRAPIDS INC	DRBG	DRONNINGBORG	FIVE	FIVE STAR MFG LLC
ASV	ASV INC	CETCO	CETCO INC	DRDT	DROTT	FLPW	FLUID POWER
ATCO	ATLAS COPCO	CHAMP	CHAMPION INDUSTRIES	DREO	DIAMOND REO	FLTR	FILTER INC
ATHEY	ATHEY/FIVE STAR PRODUCTS	CHAP	CHAMP	DRSS	DRESSER	FLYR	FLYER INDUSTRIES
ATHM	ALSTHOM	CHARD	CHARDONNET	DSL	DIESEL DIVISION	FMC	FMC
ATHP	ATHEY	CHLN	CHICAGO PNEUMATIC	DUHR	DURHAM	FMCO	FORD
AUST	AUSTOFT	CHLR	CHRYSLER	DWCH	DITCH WITCH	FMHD	FARMHAND
AUTM	AUTO MARINE	CLAC	CADILLAC & LAKE CITY ROADWAY	DYPC	DYNAPAC	FMNT	FERMONT DIV
AUXI	AUXIFLOW	CLJL	CLARK, J.L.			FNEQ	FINN FILTER
		CLMP	CLAMPS INC.			FOREM	FOREMOST INDUSTRIES
		CLRK	CLARK			FPCO	FAPCO INC
BABR	BARBER GREENE	CMCO	CAMECO			FRAM	FRAM
BADG	BADGER	CMI	CMI			FREQ	FRANKLIN
BAESYS	BAE SYSTEMS	CMPR	COMPAIR			FRHF	FATE ROOT HEATH FASTEN
BAKO	BARKO HYDRAULICS	CMWK	CHARLES MACHINE			FRTL	FREIGHTLINER
BAR	BAUER	CNLC	CURTIS NOLL				

Mfg. Code	Manufacturers' Name	Mfg. Code	Manufacturers' Name	Mfg. Code	Manufacturers' Name
RTWC	RAILWAY TRACK WORK	TJAK	TIMBERJACK	WLDN	WALDON
RVI	RENAULT VI	TJMG	T & J MFG	WLKR	WALKER MFG
RWMF	RAINBOW MFG	TKNG	THERMO KING	WPOW	WINPOWER
RXRD	REXNORD	TMCO	TYMCO	WRNR	WARNER & SWASEY
RYCO	RYCO	TMLS	TEXTRON MARINE AND LAND SYSTEM	WRTH	WORTHINGTON
RYGO	RAYGO	TMPO	TAMPO	WSTI	WESTERN STAR TRUCK
RYKE	RYKEN TUBE	TMRK	TAMROCK	WTLK	WHITLOCK
SABI	SABIEX INTERNATIONAL	TMTR	TOWMOTOR	XAIR	EX AIR
SAKR	SAKURA	TORCA	TORCA PRODUCTS	XMN	EXMAN
SAME	SAME	TPORT	TUNED PORT INDUCTION SPEC	YALE	YALE
SCHAE	SCHAEFF LIFT TRUCK INC	TRAK	TRAK INTERNATIONAL	YOUNM	YOUNG MACHINE COMPANY
SCNA	SCANIA	TREX	TEREX	YPEI	YORK PUMP & EQPT
SCOMP	SUPERIOR COMPRESSOR	TRJN	TROJAN		
SCOMPA	SUPERPAK COMPACTION	TRMF	TRANSPORTATION MFG		
SCRD	SICARD	TRUX	TRUCKEX		
SCRM	SCHRAMM	TYLE	TYLER POWER PRODUCTS		
SDMO	SDMO	TYLR	TAYLOR		
SDVK	SANDVIK	TYMC	TAYMECH		
SEDD	SEDDON-ATKINSON				
S-FIRE	SEAGRAVE FIRE APPARATUS	U C	UNITED CENTRAL INDUSTRIAL SUPP		
SHBR	SCOTT HUBER	UAC	UNITED AIR CLEANER		
SHUT	SHUTTLELIFT INC	UCP	UNIVERSAL COACH PARTS		
SIGM	SIGMA AIR CONDITIONING	UNCT	UNION CITY BODY		
SISU	SISU	UNIP	UNIPART		
SKYJ	SKYJACK	UNVL	UNIVERSAL		
SLAR	SULLAIR	UPFR	UP FRONT TECHNOLOGIES		
SLIC	SELLICK EQPT LTD	UPRH	UP-RIGHT HARVESTER		
SLVN	SULLIVAN	UPTI	UPTME PARTS LLC		
SMCI	SAFARI MOTOR COACHES INC	URIG	UNIT RIG EQUIPMENT		
SNBL	SNOWBLAST-SICARD				
SNKL	SNORKEL	VACT	VECTOR MFG		
SOFI	SOFIMA	VALM	VALMET		
SPCH	SPARTAN CHASSIS	VANAI	VANAIR MFG		
SPRT	SPARTAN MOTORS	VCOR	VERSATUBE		
SRC	SRC	VENCH	VENCHURES PACKAGING INC		
SRSD	SAUER SUNDSTRAND	VH	VAN HOOL		
STEW	STEWART & STEVENSON	VIC	VIC		
STGR	STEIGER	VLVO	VOLVO		
STIL	STILL	VME	VME		
STMC	STEMCO	VMER	VERMEER		
SUSN	SUSAN	VOEG	VOEGELE		
SWEE	SWEEPSTER JENKINS	VSTL	VERSATILE		
SYNER	SYNERGY INTERNATIONAL				
TAC	TRANSPORTATION ACCESSORIES	WALMO	WALGAHN- MOTORENTECHN		
TBBI	THOMAS BUILT BUSES	WBCO	WABCO		
TBCR	TUBE CRAFT	WGMC	WHITEGMC		
TCLD	TRANSICOLD	WGNR	WAGNER MINING EQPT		
TDSC	TRACKMOBILE	WHCO	WHITING		
TDYN	TELEDYNE	WHITE	WHITE		
TENT	TENNANT	WHMS	WESTINGHOUSE MFG SERVICES		
TERN	TERNESS PROCUREMENT SERVICES	WILM	WILMAR		
TESSI	TESSI TRUCK EXHAUST INC	WIMC	WIMCO LTD		
THOM	THOMAS DENNIS CO INC	WIRG	WIRTGEN		
TIM	TIM	WIX	WIX		
TIPP	TIPPECANOE	WKSA	WAUKESHA		

Cross Reference

(See the first page of this section for the Manufacturer's Code Listing)



CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
O														
000	P206309	..... TESSI	00642050	M065030	..... FWD	00811194	P206345	WALMO	0158454000	M001865	..... GILB	022066001	H002132	..... DLTC
0000001	M080024	..... MNTW	007587001	M120225	.....SDVK	00811195	P206347	WALMO	0158454001	M002135	..... GILB	022086001	M001505	.....DLTC
0000136929	M100043	.....CASE	007824	X007824	.....RWMF	00811196	P206367	WALMO	0166395	M085023	.....GRDL		M001505	.....SDVK
00008223	M085090	.....HAVA	008024001	M120131	.....DLTC	00811197	P206368	WALMO	0170019323	X004538	.....CMCO	02250158064	M100016	.....SLAR
00011101	M100049	.....DYPC		M120131	.....TMRK	00811198	P206369	WALMO	01719323	X004538	.....CMCO	02250162449	M090362	.....SLAR
00023267	P206407	.....DYPC		M120450	.....DLTC	00811199	P206552	WALMO	017385	X004482	.....KRES	02250164249	M090362	.....SLAR
00023275	P206409	.....DYPC	0080831	M120450	.....DLTC	00811200	P206553	WALMO	0175550004	X004484	.....WHMS	02250168659	M080024	.....SLAR
00023374	M090210	.....DYPC	00810204	H001032	.....WALMO	00811201	P206554	WALMO		X004484	.....SLVN	02250169088	J008681	.....SLAR
00023481	P208338	.....DYPC	00810205	H001033	WALMO	00811202	P206555	WALMO	01805756	M120598	MONAC	02250171832	M065139	.....SLAR
00035006	X004480	.....DYPC	00810206	H001034	WALMO	00811203	P206556	WALMO	019003760008	P207408	.....PALA	02250183598	M120713	.....SLAR
0009555007	X004538	.....LNDE	00810207	H001035	WALMO	00811204	J024836	WALMO	019012000015	P207394	.....PALA	02250184033	M090072	.....SLAR
001482001	P206403	.....DLTC	00810228	H001278	WALMO	00811205	J024838	WALMO	019012000017	P206323	.....PALA	02250186513	M090594	.....SLAR
001487001	M122300	.....TMRK	00810229	H001279	WALMO	00811206	P206559	WALMO	019015690044	P206395	.....PALA	02250186652	P206304	.....SLAR
	M122300	.....SDVK	00810234	H001284	WALMO	00811207	P206600	WALMO	020002804155	P206405	.....VLVO	027076523	M085023	.....WGMC
	M122300	.....DLTC	00810259	M045123	WALMO	00811208	P206603	WALMO	020004343116	X004478	.....VLVO	027076528	M085189	.....VLVO
0015012	P207335	.....DLTC	00810260	M045193	WALMO	00811209	P206608	WALMO	020004343154	X004482	.....VLVO		M085023	.....WGMC
0015013	P206341	.....DLTC	00810261	M045237	WALMO	00811210	P206610	WALMO	020004362138	P206614	.....VLVO	027076533	M090159	.....WGMC
0015017	P206350	.....DLTC	00810262	M045193	WALMO	00811211	P206611	WALMO	020006	M060158	.....LOES	027076535	M120197	.....WGMC
0016459000	P206601	.....CUMS	00810263	M060037	WALMO	00811212	P206641	WALMO	0200317	M120598	.....SMCI	027076537	M100049	.....WGMC
0019273	P206410	.....CMCO	00810264	M060038	WALMO	00811213	P207353	WALMO	0201101	M100213	.....SMCI	027076541	M120100	.....WGMC
00197721	M085023	.....FWD	00810268	M060232	WALMO	00811214	P207364	WALMO	020138	P270542	.....LOES	027076542	M120365	.....VLVO
0024008800	M100016	.....RVI	00810270	M060158	WALMO	00811216	P207402	WALMO	020147	M065044	.....LOES		M120365	.....WGMC
0024008900	P207596	.....RVI	00810271	M065065	WALMO	00811218	P270531	WALMO	020177	M065044	.....LOES	027076544	M090074	.....WGMC
00265445	M060037	.....NH	00810272	M065030	WALMO	00811219	P270532	WALMO	020176	P206405	.....LOES	027076545	M100048	.....WGMC
0028017544	P270535	.....VLVO	00810274	M065044	WALMO	00811220	P270533	WALMO	020183	M085084	.....LOES	027076560	X004480	.....WGMC
0028041569	P206337	.....VLVO	00810281	M070008	WALMO	00811221	P270534	WALMO	020243	M090158	.....LOES		X004480	.....WHITE
0028041585	P206408	.....VLVO	00810283	M070068	WALMO	00811222	P270535	WALMO	020293	M090158	.....LOES		X004480	.....WSTI
003056003	X004476	.....DLTC	00810284	M070069	WALMO	00811223	P270536	WALMO	020321	P206544	.....LOES	027076561	X004482	.....WSTI
003056007	X004482	.....DLTC	00810285	M070008	WALMO	00811225	P270538	WALMO	020323	P206407	.....LOES		X004482	.....WGMC
003056008	X004484	.....DLTC	00810287	M080018	WALMO	00811226	P270539	WALMO	020332	H001035	.....LOES		X004482	.....WHITE
0032941	X004478	.....CUMS	00810288	M080024	WALMO	00811227	P270540	WALMO	020345	M060037	.....LOES		X004482	.....VLVO
003466001	M120225	.....DLTC	00810290	M080018	WALMO	00811228	P270541	WALMO	020390118	M065034	.....HARL	027076562	X004484	.....WSTI
004002728000	M090280	.....CMI	00810293	M085078	WALMO	00811229	P270542	WALMO	020395	P206408	.....LOES		X004484	.....WHITE
004002746000	P207667	.....CMI	00810295	M085084	WALMO	00811230	P270543	WALMO	020519	P270538	.....LOES		X004484	.....VLVO
004002764000	P207667	.....CMI	00810297	M085023	WALMO	00811683	X004476	WALMO	020563	M085208	.....LOES	027076626	X004476	.....WSTI
004002768000	M120131	.....CMI	00810298	M085008	WALMO	00811684	X004478	WALMO	020566001	M140048	.....SDVK		X004476	.....WHITE
004002833000	P270535	.....CMI	00810300	M085090	WALMO	00811685	X004480	WALMO	020566002	M190002	.....DLTC		X004476	.....VLVO
004002938000	P206408	.....CMI	00810301	M085056	WALMO	00811686	X004482	WALMO	020570	M060038	.....LOES	027076627	X004478	.....WHITE
004002958000	P270538	.....CMI	00810304	M090091	WALMO	00811687	X004484	WALMO	021021	P206406	.....LOES		X004478	.....VLVO
004002977000	P206342	.....CMI	00810305	M090158	WALMO	00811688	X004536	WALMO	021022	P206410	.....LOES		X004478	.....WGMC
004003012000	M122300	.....CMI	00810306	M090535	WALMO	00811689	X004537	WALMO	021100	M090091	.....LOES		X004478	.....WSTI
004003020000	P270543	.....CMI	00810311	M090535	WALMO	00811691	X004539	WALMO	021453	P206409	.....LOES	0270825	X004476	.....HSTR
004003036000	M100213	.....CMI	00810313	M090146	WALMO	00811692	X004962	WALMO	021475	X004536	.....LOES		X004476	.....CAME
004003064000	M120225	.....CMI	00810314	M090301	WALMO	00811696	X004962	WALMO	021478	X004539	.....LOES		X004476	.....NACO
004013140000	M085207	.....CMI	00810315	M090009	WALMO	00811706	P207339	WALMO	021480	X004478	.....LOES	02708250000	X004476	.....HSTR
004013174000	M085207	.....CMI	00810318	M090170	WALMO	0081383318	P207414	.....CMCO	021482	X004482	.....LOES	0270826	X004478	.....HSTR
004013195000	M120418	.....CMI	00810319	M090538	WALMO	0091327799	H001039	.....CMCO	021483	X004484	.....LOES		X004478	.....NACO
004013216000	P206328	.....CMI	00810320	M090535	WALMO	00L02468011	M070008	.....PTBN	021576	P270530	.....LOES	027136876	X004482	.....WGMC
004013287000	M170101	.....CMI	00810321	M100016	WALMO	010150202000	P206319	.....DYPC	021636	H001278	.....LOES		X004482	.....WHITE
004013309000	P206304	.....CMI	00810322	M100043	WALMO	0111379931	P207402	.....CMCO	021673	P226148	.....LOES	027137738	M100464	.....WGMC
004013311000	M090594	.....CMI	00810325	M100048	WALMO	0116043541	P270543	.....SAME	021769	M070068	.....LOES	027138775	M100146	.....VLVO
004013368000	P207292	.....CMI	00810327	M100213	WALMO	011781	P270540	.....LOES	021785	P270543	.....LOES		M100146	.....WGMC
004013453000	M190002	.....CMI	00810328	M100146	WALMO	012411006	J190063	.....SPCH	021835	P206603	.....LOES	0303234	P207415	.....ASV
004094239160	P206607	.....CMI	00810334	M120365	WALMO	01290055	M122300	.....SCRM	021843	P270534	.....LOES	030495	M070008	.....KSHA
004192730004	M070068	.....PALA	00810335	M120225	WALMO	01290056	M120108	.....SCRM	021857	M080018	.....LOES	031005070	M120108	.....CAME
00420920	M080024	.....FWD	00810336	M120131	WALMO	013706	M045237	.....RIKL	021859	P270532	.....LOES	031984001	P206318	.....DLTC
0043621341	H001278	.....VLVO	00810337	M120197	WALMO	01409T	M080018	.....NLSN	021885	P270536	.....LOES	0323479000	H001034	.....FRTL
00496696	M090091	.....FWD	00810339	M120131	WALMO	01522291	M100465	.....BLDY	021886	M085078	.....LOES		H001034	.....MERS
00502571	M085056	.....DYPC	00810341	M120176	WALMO	0152826000	X007830	.....GILB	021915	H001279	.....LOES	037281	M070050	.....DRDT
005191020001	M070028	.....PALA	00810344	M120189	WALMO	0152826001	X007784	.....GILB	021919	H001284	.....LOES	03830005	P206603	.....SCRM
005191360009	P270541	.....PALA	00810346	M120197	WALMO	0152826002	X007785	.....GILB	021921	P270539	.....LOES	03830008	X004476	.....SCRM
005192730004	M070068	.....PALA	00810347	M120225	WALMO	0153025	M085056	.....CAME	021946	P206552	.....LOES	03830009	X004478	.....SCRM
	M070068	.....SLVN	00810348	M120100	WALMO	0154799N000	J240003	.....GILB	021978	P270541	.....LOES	03861	P206282	.....DMT
005194700012	P206411	.....PALA	00810349	M080018	WALMO	01552235	M065065	.....ONAN	021987	M100213	.....LOES	039263	M085008	.....DRDT
00531742	M120100	.....FWD	00810352	M170101	WALMO	01552305	P206410	.....ONAN	021990	P226149	.....LOES	03B0985A0	P206400	.....JNDR
00533938	M090544FWD	00810354	M190002	WALMO	0155304N000	P206552GILB	021997	M045193LOES	040282	M070028SLAR
00538885F00	X004480CONK	00811167	P206406										

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0417179006	M100944	MERS	050174500006	P270532	PALA	0522291321	P207326	FOREM	0573202020	M085410	CAME	0777306	M070008	RYGO
	M100944	FRTL	050174500010	P270534	PALA	0522292598	P207353	FOREM	05735409	M085078	BOMA		M070008	CAT
0417979000	M101263	MERS	050174500014	P270536	PALA	0522294388	P207341	FOREM		M085078	CAME	0779548	P206407	RYGO
0418334002	M111029	MERS	050174500020	P270539	PALA	0523282276	M120131	FOREM	05735602	P207326	CAME		P206407	CAT
	M111029	FRTL	050187500029	M090595	PALA	0523284133	P206517	FOREM		P207326	BOMA	079434	M065034	WLDN
0418814000	M111028	FRTL	050187550009	M002119	PALA	0523286128	M100213	FOREM		P207326	KOEH		M065034	MOB
	M111028	MERS	050187550011	M002118	PALA	0525091758	J000212	FOREM	05735603	P208324	BOMA	0795570C1	M120108	NAVI
0418814003	M111028	FRTL	050187550014	M002120	PALA	0525258059	P207339	FOREM		P208324	CAME	080304	P213191	LOES
	M111028	MERS	05018785	M100049	PALA	0529LL1001	M001865	SPRT	05735604	P208326	CAME	080315	P206309	LOES
0418814007	M111025	FRTL	050187850019	M120176	PALA		M001865	SPCH		P208326	BOMA	080324	P206280	LOES
	M111025	MERS	050187850023	M100049	PALA	053117778	M085008	WGMC	057482	P270539	MOXY	080325	P206600	LOES
041889	M100048	GEHL	050187850027	M100048	PALA	0532603	M070028	ECLD	05910121	M045193	CAME	080326	P207326	LOES
0419131004	M111029	FRTL	050187850028	M085208	PALA	053394	H001039	KRES	059584	X004484	MOXY	080335	P207415	LOES
	M111029	MERS	050187850029	M090595	PALA	0536951	X004476	CONK	059617	M001432	AGEM	080341	P206403	LOES
0419131007	M111029	FRTL	050187850033	M085207	PALA		X004476	CAT	0596LL1001	P206606	SPRT	080342	P206607	LOES
	M111029	MERS	050187850035	M080018	PALA		X004476	EAGP		P206606	SPCH	080357	P206308	LOES
0422667000	M110014	MERS	050187850039	M120131	PALA		X004476	DAEW	0596LL1002	P206607	SPCH	080359	P206334	LOES
	M110014	FRTL	050187850041	M065140	KLTC	053791	X004484	FLYR	06005G	M120100	OKSH	080375	P207382	LOES
04320102	M090544	DRSS		M065140	PALA		X004484	NEWFLY	060094217	M085090	BROD	080376	P206339	LOES
	M090544	KTSU	050187850042	M085411	PALA	0538885	X004480	RYGO	060094406	M080018	BROD	080378	P206346	LOES
043405	M090538	SLAR	050187850043	M091050	PALA		X004480	MBSI	060094519	M090301	BROD	080387	P226142	LOES
04402011	M085056	SISU	0501878533	M085207	SLVN		X004480	CAT	060094529	M085409	BROD	080388	P206340	LOES
04402574	M080018	KTSU	050729403	M085080	EINT	0550019272	P206407	CMCO	060094542	P224669	BROD	080389	P206297	LOES
	M080018	SISU	0511351409	M001703	CMCO	0550019273	P206410	CMCO	060774429	X004484	BIAM	080390	P206336	LOES
044095	M085084	KSHA		M001703	CMCO	0550019275	X004482	CMCO	061514083	M085078	CLRK	080395	P206302	LOES
04450	M070028	DMON		M001503	CMCO	0550020843	P206309	CMCO	061548	J190003	AGEM	080397	P206344	LOES
044630	M070069	SLAR	0511375295	M001703	CMCO	0550038022	M070068	CMCO		J190003	LORAL	080398	P206321	LOES
044751	M090210	KSHA	05136151	M080019	DD	0550038023	M085090	CMCO	06200	X004536	VCOR	080400	P206546	LOES
045074	M070068	KSHA	051368	M100043	MOXY	0550038382	M100146	CMCO	06212	X004476	VCOR	080404	P206411	LOES
0452276	P206411	BADG	051513	X004482	MOXY	0550041602	M085056	CMCO	06214	X004537	VCOR	080405	P207667	LOES
045564	M070008	SLAR	051514	P226156	MOXY	0550046	X007831	CRAN	06231070	M065065	CLRK	080408	P226140	LOES
04710038	P206410	TMRK	051521	P206641	MOXY	0550057	P206607	CRAN	062321070	M065065	CLRK	080409	P206313	LOES
	P206410	SDVK	051522	P206543	MOXY	0550118	M002134	CRAN	06234	X004538	VCOR	080424	P207350	LOES
04710078	P206411	SDVK	051524	P206410	MOXY	0550119	M002135	CRAN	062519859	M120189	CLRK	080425	P207350	LOES
	P206411	TMRK	05179058	M090009	DD	0551306996	M090170	CMCO	062635	P207341	LORAL	080426	P207325	LOES
04710300	M100048	TMRK	05179206	M070008	DD	0551321424	P206411	CMCO	062789	J190025	LORAL	080427	X004538	LOES
	M100048	SDVK	0520197	M065065	BADG	0551322079	M090072	CMCO		J190025	AGEM	080429	P206497	LOES
04710302	M120131	TMRK	0520249521	J024750	FOREM	0551326623	M090362	CMCO	062790	P207331	LORAL	080431	P207386	LOES
	M120131	SDVK	0520285021	P208394	FOREM	0551327795	M140048	CMCO		P207331	AGEM	080432	P207385	LOES
04879001	X004480	TREX	0520325	M080018	BADG	0551327796	P207341	CMCO	06300	X004478	VCOR	080434	P207326	LOES
049014270	M090544	VLVO	0520331	M090158	BADG	0551327797	P270543	CMCO	0630361	P270838	CRAN	080471	P226144	LOES
049014271	M090544	VLVO	0520340	M100048	BADG	0551327798	P206556	CMCO	0630895	P270541	CRAN	080477	P207351	LOES
049014272	M100464	VLVO	0520371	M120100	BADG	0551331975	P207366	CMCO	06312	X004480	VCOR	080479	J024836	LOES
049014273	M090544	VLVO	0520372	M120225	BADG	0551331976	X004539	CMCO	06312	X004480	VCOR	080480	P206602	LOES
049015280	M100464	VLVO	0520379	M085023	BADG	0551339700	P206344	CMCO	0631911	P270543	CRAN	080481	X007784	LOES
049033350	M090535	WGMC	0520379	M085023	BADG	0551346685	M120225	CMCO	063676064	X004478	CLRK	080482	P206612	LOES
049034037	M120131	WGMC	052179	P206603	NEWFLY	0551356249	P226158	CMCO	06400	X004482	VCOR	080482	P206612	LOES
	M120131	WSTI		P206603	FLYR	0551368096	M120131	CMCO	06444	X007784	VCOR	080483	P206604	LOES
049034554	M090535	WGMC	0522005282	P206405	FOREM	0551368882	P206547	CMCO	0644LL1001	M170101	SPRT	080488	P206634	LOES
049039300	M090535	VLVO	0522052132	P207324	FOREM	0551389997	J008681	CMCO	06500	X004484	VCOR	080490	P206331	LOES
	M090535	WGMC	0522053864	P206407	FOREM	0551390004	P206374	CMCO	06555	X007785	VCOR	0815014	P270534	CAT
049039304	M120365	WGMC	0522054178	J009486	FOREM	0551390009	P206374	CMCO	06600	X004539	VCOR	0816406	X004484	CAT
	M120365	VLVO	0522126985	J009487	FOREM	0551391960	P206552	CMCO	067496	M060158	WLDN	0816407	X004476	CAT
049039307	M120189	WSTI	0522184276	P206397	FOREM	0551392182	P206346	CMCO		M060158	MOB	081789	P208385	GNRC
049039308	M100464	VLVO	0522255178	J009624	FOREM	0551392616	P206525	CMCO	067819	J009648	NEWFLY	0818035	M120131	RYGO
049044073	M100465	VLVO	0522259555	P206324	FOREM	0551392618	P206508	CMCO		J009648	NEWFLY		M120131	CAT
049044343	M100463	VLVO	0522260136	P207584	FOREM	0551394610	P206540	CMCO	0680009	M060005	NAVI	0819056	M090301	BABR
049045022	M100465	VLVO	0522262510	P207331	FOREM	0551394657	P206511	CMCO	0680015	M090009	NAVI		M090301	CAT
049045722	X007784	WSTI	0522264637	P207326	FOREM	0551396172	P206407	CMCO	06973	M090009	DMON	0823452	M085208	EIMC
049045723	X007785	WSTI		P207329	FOREM	05519272	P206407	CMCO	0700715572	J240004	AGCO	083816	M060055	MOB
049045724	X004478	WSTI		P207349	FOREM	05519273	P206410	CMCO	0700716743	P206552	AGCO		M060055	WLDN
049045727	X004482	WSTI	0522266576	P207349	FOREM	05519274	X004478	CMCO	07024938	P206410	DETZ	085058	P207330	GNRC
049046709	X004484	WSTI		P270543	FOREM	05519275	X004482	CMCO		P206410	AGCO	0851375286	H001034	CMCO
049047016	M100464	VLVO		P207322	FOREM	05519275	X004482	CMCO	072380	P206347	SWEE	0868829	M091046	LETO
049660	X004478	SLAR	0522271102	P207351	FOREM	05520843	P206309	CMCO	0724132	M120100	GRVE	089275	X004482	NEWFLY
049787	X004476	SLAR	0522276826	P226147	FOREM	05538022	M070068	CMCO	07704600000	M060055	PTBN	09013928	M120108	TREX
050170900009	M065030	PALA	0522280285	P207359	FOREM	05538023	M085090	CMCO	0773465	M085056	CAT	0906031007	M100146	TREX
	M065030	SLVN	0522283780	J009623	FOREM	05538382	M100146	CMCO	0773905	M090170	RYGO	0906040713	J009066	TREX
050170900010	M070069	PALA	0522284743	J190055	FOREM	05541602	M085056	CMCO		M090170	CAT	0906040715	P206364	TREX
050170900012	M100016	PALA	0522285082	P207402	FOREM	056005	M090544	PACC	0775683	M090074	CAT	09079368	M170101	TREX
	M100016	PALA	0522287425	J024836										

Cross Reference

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0936444	J000203	CAME	1000204	M080018	TDSC	1008680	P206543	Marine	10309	P206349	TRUX	105441	P206301	CHAMP
0937019	J000209	CAME	10002040	P206337	BLNT	1008681	P206508	Marine	10310	P206350	TRUX		P206301	CRMY
09385100	P206328	KRON		P206337	CAT	100870	P206411	AGEM	1031049	X004480	ELGN	1055295	M100463	AMHO
09385630	P206605	KRON		P206337	COLT	1009109	J000206	Marine	1031066	P206409	ELGN	10553		P207338
09385660	P207582	KRON	10002043	P206309	HDMA	1009187	J000205	Marine	1031067	P206410	ELGN	10554		P206347
09385690	X006203	KRON	10002214	M045237	SCRD	1009243	M090538	TDSC	1031068	P206507	ELGN	10555		P207340
09386890	X006202	KRON	10002269	X004482	URIG	1009244	P206327	TDSC	10312	P206279	TRUX	10556		P207341
09386900	P208374	KRON	10002270	X004484	URIG	1009526	P206850	Marine	10313	P206280	TRUX			P207341
09386910	J190003	KRON	1000384	M002164	BADG	1010136	M090538	TDSC	10314	P206281	TRUX	10557		P207339
09386920	M100213	KRON	1000389	M120108	CUMS	101085302A	M085008	GRST	10315	P206282	TRUX	10559		P207354
09401290	P207394	KRON		M120108	URIG	10114310	P206333	BOSS	10317	P206283	TRUX	105596A	X007805	OKSH
09401300	P206318	KRON	100043	M100043	PDCI	1011592	M060232	GRST	1032550	M065030	GRST	10560		J009560
09401310	X004539	KRON	10004693	P206326	BLNT		M060232	HRCN	10329	J190014	TRUX	10562		P207347
0944128	X004478	TREX		P206326	CAT	10116406	P206851	HRCN	10330	P207361	TRUX	10564		P207351
	X004478	OK	100052	M100052	WSTI	1012004B	P207415	GRDL	10337	P206397	TRUX	10565		P207352
09673152	M001702	BVER	10008	M100466	RKRM	10135094	M065044	OMNI	10338	P206398	TRUX	10566		P207353
0970432484	P207355	CEDAR	10008012	P270538	BLNT		M065044	JLGI	10339	P206399	TRUX	10567		P207354
097470	M120154	DRDT		P270538	CAT	1015551	M120108	TDSC	10340	P206400	TRUX	1059203		P207364
0980240	M085090	RYGO	10008318	P206334	CAT	1017391	M085078	ELGN	1034001282	X004482	FAS	1059205		X004480
	M085090	CAT	10008343	P270541	BLNT	10175432	M070008	FWD	1034633	M060055	ELGN	1059997		M070028
0A6290	M101170	GEHL		P270541	OMML	10175510	M090544	FWD	1034635	X004536	ELGN	1060		P206338
	M101170	GNRC	10008352	P206411	OMML	10175576	M085008	FWD	1034636	P206403	ELGN	10600		P206338
0D5745	P210110	GNRC		P206411	BLNT	10175581	M090074	FWD	1034712	P207364	GRST			P207340
0D6667R	P206615	GEHL		P206411	CAT	10175617	M090544	FWD	1034713	P270532	ELGN	1060073		P206325
	P206615	GNRC	1000882	M091048	BADG	10175623	M070028	FWD	1035	P206335	XAIR	1060074		P206363
0D8473	M085090	GNRC	1000883	M002120	BADG	10175624	M090146	FWD	10350	P206342	DFLX	10600A		P206338
0D9906B	P207584	GNRC	10009625	P206333	BLNT	101865	M120100	KTSU		P206335	HDMI	1060213		P207363
0E4264	J000228	GNRC		P206333	CAT	101877	M120100	DRSS	1035000247	M090091	FAS	1060909		M080024
0E5955	M070068	GNRC	10009862	M100463	SPCH		M100048	KTSU	1035000248	P206511	FAS	1061246		P206320
0F0904	M090091	GNRC		M100463	SPRT	1018783	X004478	ELGN	1035000322	X004484	FAS	10620		P206344
0L102468017	M070069	PTBN	1001080429	P206306	JLGI	10190018	P206331	BOSS	1035000323	X004482	FAS	10626452		J000203
0L102468019	M070069	PTBN	1001080490	P226152	JLGI	1020	P206331	XAIR	1035000328	M100463	FAS			J00203
0LA00124007	P270538	PTBN	10010990004	P207317	PIE	10200	J008671	DFLX	1035000790	P206385	FAS	106275		M085172
0LA00998016	P206344	PTBN	10010990004	P207317	PIE	10200AZ	J008671	DFLX	10350A	P206335	HDMI	10631		J009631
0LA01145000	M080024	PTBN	10020	M100465	RKRM	10200AZ	J008671	DFLX	10350AZ	P206342	DFLX	10632		J009632
0NG18020	P206367	AA	10021	M100807	RKRM	102097	M090091	TDSC	103592A	M120365	URIG	10633		J009633
0R017765000	M070008	PTBN	10023	M100466	RKRM	1021711	M120100	GRST	1036008	M190002	URIG	10635		J009635
0R017765000	M070008	PTBN	10023028	M080018	BLNT	1025	P206333	XAIR	1036808	M065044	GRST	10636		J009636
0R023180028	M085023	PTBN		M080018	CAT	10250	P206339	DFLX	1036983	P206327	ELGN	10637		J009637
0R023180037	M085008	PTBN	10023109	P206544	BLNT	10253	M080024	CRMY	1040	P206336	XAIR	10639		J009639
0R023180065	M070069	PTBN		P206544	CAT	1026178	M100146	GRST	10400	P206336	HDMI	10640		J009640
0R023180076	M085090	PTBN	10024	M100048	RKRM	1026921A	J190042	GRDL		P206344	DFLX	10641		J009641
0R023180090	M100048	PTBN	10028	M100465	RKRM	1026921B	P206339	GRDL	10400A	P206336	HDMI	10644		J009644
			10029	M100463	RKRM	1026921E	P207349	GRDL	10400AZ	P206344	DFLX	10645		J009645
			1003146	M070068	Marine	1026921F	P207397	GRDL	10400CP	P207345	DFLX	10645376		P224710
1000009	P207322	MTWC		M070068	GRVE	102732	M110012	ARV	104128	M085023	MJPR	106591		X004539
	P207322	GRVE		M070068	SHUT	102732			1042175	M090091	TIM	10671		J008671
1000012	P206331	MTWC		M070068	MTWC	10275	P216172	DFLX		M090091	CAT	10672		P206339
	P206331	GRVE	10032983	P270541	CAT	10275AZ	P216172	DFLX	1047721	M080024	AMHO	10674		P216172
10000468	M100463	CUMS		P270541	BLNT	1027Z225	M090074	PH	104851A	X004478	OKSH	10675		P206340
10000494	M120418	CUMS	10033566	P206338	CAT	102838	M090538	ARV	104852A	X004482	OKSH	10676		P206342
10000499	P206521	CUMS		P206338	BLNT	102894	M090280	ARV	1050	P206337	XAIR	1067766		P226143
10000520	M085411	CUMS	10038G	M170101	OKSH	102895	M090563	ARV	10500	P206337	HDMI	1067767		P206338
10000521	M091050	CUMS	1004139	P206347	Marine	102899	M090534	ARV		P206347	DFLX	10678		P206344
10000541	M100572	CUMS		P206347	GRVE	102902	M090544	ARV	10500A	P206337	HDMI	10680		P207339
10000557	M120225	CUMS		P206347	MTWC	102905	P270531	Marine	10500CP	P207346	DFLX	10681		J008681
10000627	M060251	CUMS	10043224X	M065044	CLJL	102969	M085267	ARV	10501390	J000206	CAT	10683		P206394
10000628	M065074	CUMS		M100146	TYLR	102974	M090520	ARV		J000206	BLNT	10684		P206395
10000641	M100572	CUMS		M080018	BLNT	102B16	P206411	SPRT	1050221	M100464	WSTI	10685		P206396
10000644	M090598	CUMS	10061	M100213	RKRM	1030	P206334	XAIR	1051350	M001756	CMWK			P206396
10000819	P207667	CAT	1007113	P206301	Marine	10300	P206342	DFLX	105211	P206544	GEHL	1069179		P206322
	P207667	OMML		M085056	DRSS		P206334	HDMI	10532	P207324	AP	1069203		P207282
	P207667	BLNT	100729002	X004484	EINT	1030039	X004478	ELGN	10534	P207326	TRUX	106926		X004482
10000880	M120108	CUMS	100729405	M090072	EINT	10300A	P224684	HDMI	10535	P207327	TRUX	106B4943		M085023
10000881	M120235	CUMS	1007537	M085090	TYLR	10301	P207333	TRUX	1053578	M070069	FREQ	1070735		X004482
10001143	H001034	CUMS	1007926	P206328	Marine	103021	M090547	ARV	10536	P207328	TRUX	107113		P206301
10001352	M065044	HDMA	1007938	P206409	IVECO	103022	M120154	ARV	10537	P207329	TRUX	10719262		M085078
1000146	M101169	BADG	10080675	P206368	BLNT	10303	P207335	TRUX	10538	P207330	TRUX	10719871		M060158
1000147	M002121	BADG		P206368	CAT	10304	P206341	TRUX	10539	P206346	TRUX			M060158
1000164	H001034	BADG	1008099	X004478	URIG	10305	P206343	TRUX	10540	P207331	TRUX	1072037		P206366
10002039	P206337	CAT	100842001	M001503	VMER	10306	P206345	TRUX	10541	P207332	TRUX	10724		P206339
	P206337	BLNT	1008481	M090535	URIG	10308	P206348	TRUX	10542	P206349	TRUX			P206339

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1072425	P206369	TDSC	1081770	M001593	CAT	10PL350AZ	P207328	DFLX	111136A	P206512	CMWK	11448	P207287	XAIR
10725	P206368	AP	10837799	M065073	LULL	10PL400	P207329	DFLX	111137A	M002121	CMWK	114646800	M065044	CAM
10726	P206282	TRUX		M065073	JLGI	10PL400AZ	P207329	DFLX	111138A	M001432	CMWK		M065044	BDER
1072696	J008671	ELGN	1087288	P226145	ELGN	10PL500	P206349	DFLX	11127	M090538	PDCI	11464680044	M065044	PRIN
10727	J190023	TRUX	1087289	X007831	ELGN	10PL500AZ	P206349	DFLX	1113731	P206543	GEFCO		M065044	CAM
10728	P206282	TRUX	1087292	P206363	ELGN	10PL600AZ	P216175	DFLX	11137351	P206508	GEFCO	114656200	M065074	CAM
10728181	P270539	JLGI	108818620	P206603	PRIN	10T30015	P206393	DFLX	1114702	P222750	GEFCO		M065074	PRIN
10729	J190025	TRUX	108935H45	M085056	DRSS	10T30090	P206397	DFLX	1114917	M100463	VLVO	114661200	M002118	CAM
1072980	J009648	ELGN		M085056	KTSU	10T35015	P206394	DFLX	1116418	M090091	OKSH		M002118	PRIN
10730	J190025	TRUX	108936	M100048	DMI	10T35030	J009635	DFLX	111641B	M090091	OKSH	114666460	M120749	PRIN
10731	P206283	TRUX		M100048	KTSU	10T35090	P206398	DFLX	11165	M100463	PDCI	114666469	M002123	CAM
10732	J190027	TRUX	1089600051	P205976	FAS	10T40015	P206395	DFLX	1116639	M100213	VLVO		M002123	PRIN
10741	P207350	TRUX	1089600052	P205979	FAS	10T40030	J009636	DFLX	11172962	J190061	VLVO	114666604	P207298	CAM
10742	P207351	TRUX	1089600169	X004962	FAS	10T40060	J009644	DFLX	1119466	X006203	VLVO		P207298	PRIN
1074277	P207364	ELGN	1089600300	P270540	FAS	10T40090	P206399	DFLX	11197	M122300	PDCI	114666634	P206323	PRIN
1074283	J009618	ELGN	1089600675	X007785	FAS	10T50015	P206396	DFLX	1120408	P270536	JLGI		P206323	CAM
10743	P207353	TRUX	1089600676	M001668	FAS	10T50030	J009637	DFLX	1120421	P206399	GEFCO	114666743	M065034	CAM
10744	P207353	TRUX	1089600677	X007784	FAS	10T50060	J009645	DFLX	1120471	P207582	GEFCO		M065140	CAM
10745	P207353	TRUX	1089600678	M001503	FAS	10T50090	P206400	DFLX	1120481	P206349	GEFCO	114666796	M085407	CAM
10746	P207354	TRUX	1089601305	J000209	FAS	10T60090	P207366	DFLX	1120482	P207326	GEFCO		M085407	PRIN
10748	P207355	TRUX	108973	M120365	FMC	10UH2	P206519	ACFT	1120581	P206340	GEFCO	11466693744	M085421	CAM
10749	P207355	TRUX	108980	P206409	FMC	1100010	M060055	Marine	11209	M170101	PHCO		M085421	PRIN
1075321	P270534	ELGN	108982	P206411	FMC		M060055	CASE	11223	M085172	HDMI	114667017	M002117	CAM
10755	J009560	AP	10908	M100464	RKRM		M060055	SHUT	11224	M100465	PDCI		M002117	PRIN
1075550004	X004484	WHMS	10915	M100048	RKRM	11000419	M002119	CUMS	11227	M090520	PDCI	114667082	M002119	PRIN
10756	P206340	TRUX	10918	M100043	RKRM	11000420	M002120	CUMS	112273	X004484	AMTK	114667539	M085208	PRIN
10758	P206341	TRUX	109185A1	M001756	MCC	11000475	M002117	CUMS	11228	X004484	AUTM	114667565	J000200	PRIN
1075836	M001702	ELGN		M001756	PTN	11000476	M002118	CUMS	11228	M090544	JHEI	11500	P207339	DFLX
10759	P206342	TRUX		M001756	CASE	11000487	P206325	CUMS		M090544	PDCI	1150045	P206283	HDMI
10761	P206344	TRUX	10920	M100463	RKRM	11000488	P206520	CUMS	112351	M085056	FXBL	1150045A	P206283	HDMI
1076118	P206362	ELGN	10921	P206306	AP	11000509	M002121	CUMS	112352	M120100	FXBL	11500AZ	P207339	DFLX
107619001	X004482	VMER	10922	M100807	RKRM	1100054	P206344	TIPP	1130045	P206280	HDMI	11518	P207283	XAIR
1076190011	X004482	VMER	10925	M101169	NH	1100080	M002123	CUMS	1130045A	P206280	HDMI	1151918	M120131	Americ
107619003	X004480	VMER	1092788	P207281	BABR	1100101	P206340	TIPP	11335	J000221	NH		M120131	AMHO
1076190031	X004480	VMER	10928	M100582	RKRM	1100279	M085023	TIPP	11336	M065142	NH	11524	J024739	XAIR
10762	P206345	TRUX	10929	P206311	NH	1100382	P206345	TIPP	11337	M002118	NH	11536	P208380	XAIR
10763	J190002	TRUX	10930	M100052	RKRM	1100440	X004478	OMNI	11338	P206301	NH	11548	P207292	XAIR
	P206345	GOE	10931	M100049	RKRM		X004478	JLGI	1135045	P206281	HDMI	11550045	J190025	HDMI
10764	J190003	TRUX	10932	M100572	RKRM	1100689	M070028	TIPP	1135045A	P206281	HDMI	1155262	M100464	AMHO
10765	P206347	TRUX	10945	M100695	RKRM	11008	J000231	NH	113536	P208348	XAIR	11560	P207289	XAIR
10766	P206348	TRUX	10961	M100213	RKRM	110105	P206340	TIPP	11382	J000233	TMCO	115841	M120176	KRES
10767	P207341	TRUX	1097987	X004476	CAT	11015	M085023	HDMI	11400	P207596	TMCO	1160045	P207359	HDMI
	P207364	GOE		X004476	TIM	11019	M085080	PRVT	1140045	J008681	DFLX	1160045A	P207359	HDMI
1077286	P216174	ELGN	1097LL2001	M120131	SPRT	110219	P206326	TIPP	1140045A	P206282	HDMI	116370001	M085090	VMER
10773	P207322	TRUX	109820B	M100465	OKSH	11023	M090535	PDCI	114008	P207366	AUTM	1163700011	M085090	VMER
10774	P207324	TRUX	10L200	P207333	DFLX		M090535	FRAM	114014	P207332	AUTM	116949	P206410	EIMC
10775	P207325	TRUX	10L250	P207335	DFLX	1102LL2001	M120225	SPRT	11411300	M080024	BDER	117544	M120225	WIRG
10776	P207362	TRUX	10L300	P206341	DFLX	11035	M120365	PHCO	114143800	M085084	BDER	118073	P270536	ME
10777	P207362	TRUX	10L300AZ	P206341	DFLX	11038	M080018	YPEI	114144400	M090210	BDER	118359	P208326	CHAMP
10778	J190013	TRUX	10L350	P206343	DFLX		M080018	PKNS	11415068	P206552	VLVO	11850495	M001756	VLVO
107789B	M100465	OKSH	10L350AZ	P206343	DFLX	11058	M002121	NH	11415070	M002121	VLVO	1185900	M120108	TREX
10780	P207364	TRUX	10L400	P206345	DFLX	11068196	P207394	ECLD	11415098	P206321	VLVO		M120108	OK
1078066	P206370	ELGN	10L400AZ	P206345	DFLX	11075	M045193	HDMI	11415101	M001503	VLVO	11870553	M001702	VLVO
10781	P207364	TRUX	10L400CP	P206353	DFLX	11076	M065071	YPEI	11415189	M001702	VLVO	11872	M100464	CRMY
10782	J190009	TRUX	10L500	P206348	DFLX	11096	M085171	PDCI	11415198	M002119	VLVO	11873	M100464	CRMY
10783	P206346	TRUX	10L500AZ	P206348	DFLX	110H070120	P206602	WSTI	11415198	M002119	VLVO	11875	M090170	CRMY
1078581	M120135	TDSC	10L500CP	P206354	DFLX	11101	M100049	TMPO	11415205	J190009	VLVO	11876	M090158	DMON
1078582	P206521	TDSC	10L600	P206350	DFLX	1110389	M090210	BABR	11415206	J009648	VLVO		M090158	CRMY
10786	P207365	TRUX	10L600AZ	P206350	DFLX		M090210	CAT	11415207	M085208	VLVO	11877	M100043	CRMY
10787	P207365	TRUX	10P225AZ	P216174	DFLX	11104	M085056	PKNS	11415208	P206544	VLVO	1189A01G01	X004536	TKNG
10789	P207365	TRUX	10P300	P207326	DFLX	1111110	M100465	UPTI	11415273	P206326	VLVO	11901	M110189	RKRM
10790	P207332	TRUX	10P350	J190014	DFLX		M100465	VLVO	11415373	M002118	VLVO	11901Q	M110189	RKRM
10791	P207365	TRUX	10P350AZ	P207327	DFLX	1111111	M090544	VLVO	11418	P207282	XAIR	11908	M045237	WILM
10792	P207366	TRUX	10P400AZ	P206346	DFLX	1111112	M090535	VLVO	114212	M065030	CHAMP	119242	P206347	EIMC
	P207366	GOE	10P500	P207331	DFLX	1111114	M100464	VLVO		M065030	CHAMP	119353	P207354	CHAMP
	P207366	AP	10P600	P216175	DFLX		M100464	VLVO	11424	J024737	XAIR	11A30045	P207351	HDMI
10794	P207363	TRUX	10PL200	P207322	DFLX	11112	P270536	CMWK	114271	M085023	TMLS	11A30045A	P207351	HDMI
10796	P207331	TRUX	10PL225	P216174	DFLX	111122A	P270536	CMWK	114289	M090170	DRSS	11A35030	J009635	HDMI
10797	P207329	AP	10PL250	P207324	DFLX	111123	P270543	CMWK	114338	M085023	KTSU	11A35030A	J009635	HDMI
	P207329	TRUX	10PL300	P207326	DFLX	111130	P206603	CMWK		M085023	DRSS	11A40015	P206395	HDMI
1079866	P206344	ELGN	10PL350	P207328	DFLX	111136	P206512	CMWK	11436	P208364	XAIR	11A40015A	P206395	HDMI
108019	P206411	DRSS										11A40030	J009636	HDMI
	P206411	KTSU												

Cross Reference

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
11A40030A	J009636	HDMI	122382	P271507	ME	1240124	P206411	KOEH	12510CP	J190004	HDMI	12969628	M090534	ECLD
11A40045	P207353	HDMI	12250	P206279	DFLX	1240142	X004478	KOEH	12512	P207339	HDMI	12969629	P206364	ECLD
11A40045A	P207353	HDMI	122614	M120749	AGEM	124066080	P206407	KOEH	12512A	P207339	HDMI		P206364	VALM
11A50015	P206396	HDMI	1226244	P207335	SLVN	12408	P206407	TREX	12512CP	J009547	HDMI		P206364	SISU
11A50015A	P206396	HDMI	12266600	J190020	HRCN	12408880	M120225	CAT	12514222	X004484	ECLD	12969630	X007784	ECLD
11A50030	J009637	HDMI	12266659	P207354	HRCN	124089	P206409	KOEH	125158	M001702	AGEM	12969930	M090538	VLVO
11A50030A	J009637	HDMI	12266744	X007785	GRST	12410	P206344	HDMI	125159	M085409	AGEM		M090538	ECLD
11L200	J008671	DFLX	122707	P208394	AGEM	12410A	P206344	HDMI	125160	P206544	AGEM	12998713500	M065074	NEWS
11L275	P216172	DFLX	12275	P207350	DFLX	12414634	P206606	LINMR	125161	P206380	AGCO	12998713530	P270535	NEWS
11L300	P206340	DFLX	12275AZ	P207350	DFLX		P206606	STEW		P206380	AGEM	12998713540	P206405	NEWS
11L400	J008681	DFLX	122807	M100465	COLT		P206606	OKSH	12518	P207298	XAIR	12A300	P207352	HDMI
11L500	P207339	DFLX	122939	M001327	COLT		P206606	AMEC	12524	J024747	XAIR	12A300A	P207327	HDMI
11M830040	X004536	HYUN	12300	P206280	DFLX	12418	P207297	XAIR	12548	P207296	XAIR	12A330	J190013	HDMI
11ME228	X007831	MACK		P206341	HDMI	12421711	M120100	GRST	12549	M045193	TMCO	12A330A	J190013	HDMI
11ME229	X004480	MACK	12300A	P206341	HDMI		M120100	HRCN	1256106	M080024	KOEH	12A350	P207327	HDMI
11ME348M	M001865	MACK	12300F	P206341	HDMI	12424	P207297	XAIR	12562	X004482	FLYR	12A350A	P207327	HDMI
11P300	P207362	DFLX	12300FA	P206341	HDMI	12427178	M100146	HRCN	125625	M085008	KOEH	12A350F	P207363	HDMI
11P300AZ	P207362	DFLX	12300FS	P206341	HDMI		M100146	GRST	125626	P206407	KOEH	12A350FA	P207363	HDMI
11P350AZ	P206398	DFLX	12300FSA	P206341	HDMI	1242847	M045123	GRST	125648	M065034	KOEH	12A3513	M100464	FMC
11P400	P207364	DFLX	123137	M120100	COLT	12428471	M045123	GRST	125653	M065065	KOEH	12A3569	M090146	FMC
11P400AZ	P207364	DFLX	12322837	M060232	GM		M045123	HRCN	125656	M100048	KOEH	12A400	P206346	HDMI
11P500	P207365	DFLX	12322838	M065065	GM	124312241	M090594	FURU	125657	M070069	KOEH	12A400A	P206346	HDMI
11P500AZ	P207365	DFLX	12322841	M085172	GM	1243122H1	M090594	CETCO	125658	M090544	KOEH	12A440	P207364	HDMI
11P600	P207366	DFLX	12322842	M085171	GM		M090594	KTSU	125666	M100464	KOEH	12A440A	P207364	HDMI
11PL350AZ	P207363	DFLX	12322844	M085023	GM		M090594	DRSS	125668	M085078	KOEH	12A550	P207365	HDMI
11PL400	P206346	DFLX	12322845	M085189	GM		M090594	FURU	125669	M090091	KOEH	12A550A	P207365	HDMI
11PL500	P207332	DFLX	12322846	M090534	GM	1243226H1	M070068	DRSS	125670	M085023	KOEH	12A555	P207332	HDMI
11PL500AZ	P207332	DFLX	12322847	M090535	GM		M070068	KTSU	125672	M100048	TREX	12A555A	P207332	HDMI
11S50045	J190025	HDMI	12322848	M100464	GM	1243327H1	M085090	KTSU	125675	M100463	KOEH	12B300	J190013	HDMI
11S50045A	J190025	HDMI		M100464	ALSN		M085090	DRSS	125684	M090158	KOEH	12B300A	J190013	HDMI
11S50045CP	P206286	HDMI	12322849	M090538	GM		M085090	CETCO		M090158	TREX	12B300F	J190013	HDMI
11T30015	P206393	DFLX	12322850	M090544	GM	12436	P208366	XAIR	125695	M085090	KOEH	12B300FA	J190013	HDMI
11T30090	P206397	DFLX	12322851	M090781	GM	12440471	M090091	PTN	12574828	P207596	ECLD	12B350	P207328	HDMI
11T35015	P206394	DFLX	12322852	M090547	GM		M090091	CASE	12583808	X004538	ECLD	12B350A	P207328	HDMI
11T35090	P206398	DFLX	12322853	M090548	GM	12448	P207295	XAIR	12584634	M140048	ECLD	12B350F	P207327	HDMI
11T400	P206399	DFLX	12322854	M090563	GM	12450F	J190002	HDMI	125925	M090210	KTSU	12B400	P207329	HDMI
11T40015	P206395	DFLX	12322855	M100463	GM	12450FA	J190002	HDMI		M090210	DRSS	12B400A	P207329	HDMI
11T40090	P206399	DFLX	12322856	M100464	GM	12462838	M065030	HRCN	12600	P206350	HDMI	12B400CP	J190016	HDMI
11T500	P206396	DFLX	12322857	M100465	GM	12464413	M085056	SCOMP	12600A	P206350	HDMI	12B400F	P206346	HDMI
11T50015	P206396	DFLX	12322858	M100466	ALSN		M085056	HRCN	12600CP	P207359	DFLX	12B400FA	P206346	HDMI
11T50090	P206400	DFLX		M100466	GM	12465589	M065034	BOSS	12615933	X004962	ECLD	12B500	P206349	HDMI
11T600	P207361	DFLX	12322859	M110012	GM		M065034	SCOMP	126170	M065065	KTSU	12B500A	P206349	HDMI
11T60090	P206361	DFLX	12322860	M110014	GM		M065034	HRCN	126174	X004482	IRT	12B500F	P207331	HDMI
1200	P207333	XAIR	12322863	M120365	GM		M065034	GRST	1261996	M101181	PIE	12B500FA	P207331	HDMI
12000277	P270539	PERK	12322864	M120366	GM	12465802	M060037	SCOMP	126417	M060158	TMPO	12B500FCP	J190019	HDMI
12006	M080024	PWVRT	12322865	M120367	ALSN		M060037	BOSS	126501	M002123	AGEM	12H0020	M085023	LKBT
12010	M080024	PETTI	12322867	M120382	GM		M060037	GRST	126558	M001668	AGEM		M085023	FMC
120167A	M100043	OKSH	12336	P208326	XAIR		M060037	HRCN	1265974H1	P206410	FURU	12H0411	J009514	LKBT
12021898	P206326	BOSS	1234	M001756	FLPW	12466144	M065073	GRST		P206410	DRSS	12H20	M070008	FMC
12022083	P207362	HRCN	1234226H1	M070068	DRSS	12468776	M085189	HRCN	12680001	X004536	STMC	12K14764LA	J038611	HDMI
12024	M090072	PDCI		M070068	KTSU	12470463	M080024	HRCN	12680002	X004537	STMC	12K14764RA	J038612	HDMI
12027435	P207361	GRST	12350	P206281	HDMI	12470842	M065073	HRCN	12680003	X004476	STMC	12K5419A	J018110	HDMI
	P207361	HRCN		P206281	DFLX	12471558	M101169	HRCN	12680004	X004538	STMC	12L275	P207350	DFLX
12034712	P207364	HRCN	12350A	P206343	HDMI	12471752	M060479	HRCN	12680005	X004478	STMC	12L300	P206280	DFLX
	P207364	GRST	12350FSA	P224669	NLSN	12486	J008681	HDMI	12680006	X004480	STMC	12L300AZ	P206280	DFLX
12047E49	M045193	LEBR	123674	M100016	NAT	12488	J008681	HDMI	12680007	X004482	STMC	12L350	P206281	DFLX
1205914	M065030	AMHO	123684	M120235	AGCO	1248880	M120225	CAT	12680008	X004484	STMC	12L350AZ	P206281	DFLX
12061422	P206403	ICAB		M120235	AGEM		M120225	TIM	12680009	X004539	STMC	12L400	J190023	DFLX
12061426	P206407	ICAB	123921	P208392	AGEM	12488A	J008681	HDMI	127026R92	M085023	NAVI		P207338	HDMI
12066600	J190020	HRCN	12400	P206282	DFLX	1249281H1	M045237	KTSU	12723327	P226145	CRMY	12L400A	P207338	HDMI
12067300	P207322	HRCN		P206345	HDMI		M045237	DRSS	12726548	X004478	CRMY	12L400AZ	P206282	DFLX
12068615	P206366	HRCN	12400A	P206345	HDMI	1250	P207335	XAIR	12726581	X004482	CRMY	12L400CP	P206285	DFLX
12069320	P207322	HRCN	12400CP	P206285	DFLX	12500	P206283	DFLX	12754	P270542	WIRG	12L500	P206283	DFLX
1207032	M085090	AMHO		P206353	HDMI		P206348	HDMI	1279133	M001506	CAT		P207340	HDMI
	M085090	RYGO	12400F	J190002	HDMI	12500A	P206348	HDMI	1282347	M090594	PIE	12L500A	P207340	HDMI
1207032A	M085090	RYGO	12400FA	P206344	HDMI	12500CP	P206286	DFLX	12826	M060158	TMCO	12L500AZ	P206283	DFLX
12109	M090362	YPEI	12400FS	P206344	HDMI		P206354	HDMI	12827	P207333	TMCO	12L500CP	P206286	DFLX
12158602	M065034	CCMFG	12400FSA	P206344	HDMI	12500F	P206347	HDMI	128453	M002119	AGEM	12L600AZ	P207359	DFLX
	M065034	ICAB	1240106	X004482	TREX	12500FA	P206347	HDMI	12855	M065044	TMCO	12M21698A	J028528	HDMI
12158905	P270534	ICAB		X004538	KOEH	12500FCP	P207346	HDMI	128974	P207325	IRT	12P1726A	J009560	HDMI
1222204	P270539	TREX	1240118	X004480	KOEH	12510	J190003	HDMI	129434C	M100146	OKSH	12P200	P207347	DFLX
1222282	P270541	TREX	1240122	X004484	KOEH	12510A	J190003	HDMI	12967141	H001039	VLVO	12P250	P207349	DFLX
				X004484	TREX					H001039	ECLD			

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12P275	P207350	DFLX	130245	J000232	AGEM	1350	P206342	XAIR	14040	P206369	XAIR	1446495	M100582	SCNA
12P300	P207351	DFLX	1305433H1	P224617	KTSU	135018	P207281	HDMI	14050	P206370	XAIR	1446498	P206512	SCNA
12P400	P207353	DFLX	1305839	P270539	NACO	135018A	P207281	HDMI	14060	P207414	XAIR	1446499	J009429	SCNA
12P400AZ	P207353	DFLX		P270539	HSTR	135024	J024735	HDMI	140760801	M090594	HOIST	1446501	P206641	SCNA
12P500	P207354	DFLX	13082374	M090158	KTSU	135024A	J024735	HDMI	140761801	P206316	HOIST	1446502	X007785	SCNA
12P500AZ	P207354	DFLX		M090158	DMAG	135036	P208348	HDMI	140762806	P206369	HOIST	1446504	P226147	SCNA
12P500CP	P216169	DFLX		M090158	MH	135036A	P208348	HDMI	1408383	M070069	PIE	14500	P206298	HDMI
12PL200	P207347	DFLX	13093075	J009604	IR	135036CP	P208348	HDMI	1408389	P270538	PIE	14500A	P206641	HDMI
12PL300	P207351	DFLX		J009604	SKYJ	135048	P207286	HDMI	1408390	P207363	PIE	14534	M100465	ADUM
12PL300AZ	P207351	DFLX		J009604	VLVO	135048A	P207286	HDMI	1408396	J190044	PIE	14537	M100213	ADUM
12PL350AZ	P207352	DFLX		J009604	CUMS	13500D	P207328	XAIR	140852A	X004482	OKSH	145777001	M085207	VMER
1300	P206341	XAIR	13093083	J009605	IR	1350PE	J190014	XAIR	140930808	P226156	HOIST	14601	P206372	TRUX
13000011	P207324	PERK	13094974	P208326	KTSU	13535	M070008	HAWK	14099	X004478	EIMC		P206372	AP
13000065	P206335	PERK		P208326	MH	135511	M100465	ECS	1410384	M001703	CAT	14602	P206373	TRUX
13000066	P206334	PERK		P208326	DMAG		M100465	TESSI	1411039	P213191	PBLT	14603	P206374	TRUX
13000077	P270531	PERK	130DD3A4	M065030	EIMC	135513	P206409	MACD	1411480	M001668	CAT	14605	P206375	TRUX
13000080	P206336	PERK	1310030180	M002119	ATCO	1358326	H001279	NACO		M001668	DCVG		P206375	AP
13000111	M065030	PERK	1310030702	J009514	ATCO		H001279	HSTR	1413209	M110028	PBLT	14618	P206302	AP
13000154	P207324	PERK	1310032059	X004537	ATCO	1361200	P270536	NACO	1413313	M120365	PBLT		P206302	TRUX
13000177	M065074	PERK	1310032133	P206410	ATCO		P270536	HSTR	1413371	P206521	PBLT	14619	P206303	TRUX
13000214	P206339	PERK	1310032134	P270539	ATCO	136200	P270536	NACO	1413842001	M100580	PBLT		P206303	AP
13000243	M065044	PERK	1310032512	M080024	ATCO	1362100	P270536	NACO	1413842002	M100582	PBLT	14620	P206304	AP
13000271	M100572	PERK	1310033307	P270543	ATCO	136332	J008671	ELECT	1413842003	M100944	KW		P206304	TRUX
13000275	J000216	PERK	1310033673	X007784	ATCO		J008671	DIA		M100944	PACC	14621	J014621	AP
13000277	P270539	PERK	131048	P206411	CAT	1366LL2001	M101181	SPRT	141385001	P206398	VMER	14622	J014622	AP
13000284	P206279	PERK		P206411	BLNT	1375330	M100213	OKSH	1413927	P206521	PBLT	14623	J014623	AP
	P207349	PERK	1310484800	J000204	ATCO		M100213	MNLS		P206521	IMP	14625CONN	P206374	DMT
13000361	P207347	PERK	13112374	M090301	MH	1386049	X004476	NH		P206521	KW	14634	P206927	AP
13000380	P206336	PERK		M090301	KTSU		X004476	FMCO		P206521	PACC	1463763	X004482	CAT
13000402	M045237	PERK		M090301	DMAG		X004476	CASE	1413972	M110143	PACC	146654001	P207363	VMER
13000403	P206403	PERK	131204	M090594	TMLS	13861232	P270543	IR		M110143	KW	14694ELBOW1	P206340	DMT
13000404	P270532	PERK		M090594	CLAC	13902	P207405	XAIR	1416	M110143	PBLT	14694ELBOW2	P206339	PBLT
13000451	M065074	PERK	1312885H1	M001702	CETCO	13903	P206372	XAIR	141674R91	M085008	NAVI	14694REDUCER	P206324	DMT
13000494	M045193	PERK		M001702	KTSU	13904	P206374	XAIR	1416PE1	P207329	XAIR	14737	J240007	TRUX
13000502	P206338	PERK	1313106	P270532	NACO	13905	P206375	XAIR	14189	X004480	EIMC	14738	P224479	TRUX
13000509	P206337	PERK	13145271	M085207	IR	13906	P207408	XAIR	1421026	H002129	SCNA	14739	J240006	TRUX
13000511	J000203	PERK	131539	P206410	AUST	13925	P206371	XAIR	1421027	H001035	SCNA	14740	P224481	TRUX
13000514	M120108	PERK	13157078	M100049	IR	13929703	P206341	PIE	142531	P207332	KRES	14759ELBOW	P206344	DMT
13000518	J000217	PERK	1316600	P226156	HSTR	13935	P206373	XAIR	142572	M100049	KTSU	147877001	P206556	VMER
13000521	P206336	PERK	13166871	M101169	IR	1394219	P207325	CAT	142650	X004484	KSHA	14817ELBOW	P206340	DMT
13000522	P206346	PERK	13169552	P206323	IR	1396482	X004478	PIE	1427684	M101158	PIE	1485AL	P206540	RKRM
13000523	P207362	PERK		P206323	VLVO	13P400	P207353	DFLX	1430391H1	M065034	DRSS	1487001	M122300	DLTC
13000529	M085409	PERK	13195474	M060158	DMAG	13P500	P207354	DFLX		M065034	KTSU	1488910	M100465	OKSH
13000530	M002119	PERK		M060158	MH	13PL400	P207353	DFLX	1430469	X007785	CAT	149054	M080024	KSHA
13000532	P206324	PERK		M060158	BAR	13PL500	P207354	DFLX	1432461H1	M090594	KTSU	1490AL	P206540	RKRM
13000534	P207365	PERK		M060158	KTSU	13PS4174	M120225	RCHD		M090594	DRSS	149111001	P207366	VMER
13000535	P270541	PERK	13198074	P270533	MH	1400	P206344	XAIR	1432462H1	M085056	KTSU	149126001	P207366	VMER
13000539	J000232	PERK		P270533	KTSU	140018	P207282	HDMI		M085056	DRSS	1495014M1	M070008	MF
13000543	M065140	PERK	1320103	J000227	JLGI	140018A	P207282	HDMI	14335ELBOW1	P207322	DMT	14B400	J092679	HDMI
13000544	M120566	PERK	1320128	X004478	JLGI	140018CP	P224627	HDMI	14335ELBOW2	P207328	DMT	14B400A	J092679	HDMI
13000560	M002120	PERK	1320129	X004482	JLGI	140024	J024737	HDMI	14339	P206372	TRUX	14B500	J092689	HDMI
13000561	M002121	PERK	132016	M090074	TESSI	140024A	J024737	HDMI	14340	P206373	AP	14B500A	J092689	HDMI
13000562	M002118	PERK	132018	M100582	TESSI	140036	P208364	HDMI	14341	P206374	TRUX	14MK1696AZ	J028528	DFLX
13000571	M101171	PERK	132038	M100582	TESSI	140036A	P208364	HDMI	14343	P206308	TRUX	14Z4D104	P270536	PH
13000573	M065142	PERK		M100464	TESSI	1400458	P206282	OTWA		P206308	AP		P270536	CTRY
13000578	J000206	PERK	13271606	M091047	IR	140048	P207287	HDMI	14344546	P270539	VLVO	14Z4D118	P270541	CTRY
13000579	M002118	PERK		M091047	VLVO	140048A	P207287	HDMI	14344547	P270536	VLVO		P270541	PH
13000580	J000206	PERK	1331909	J240006	HSTR	140060	P207288	HDMI	14354	M100465	ADUM	14Z4D16	P270543	PH
13000622	J190044	PERK	13339189	J009648	IR	140060A	P207288	HDMI	1437118H91	H001035	KTSU	150003	M060037	TESSI
13000637	J190017	PERK	13339213	M070325	IR	140060CP	P207299	HDMI	1437119H91	H001034	KTSU	150004	M065030	TESSI
13000650	M065071	PERK	13393566	P226152	IR	140136CP	P224628	HDMI	1437125H1	J009648	KTSU	150005	M070068	TESSI
13000652	P270534	PERK	1341259	M001702	CAT	140148CP	P224605	HDMI	1437128H1	J009649	KTSU	150006	M070068	TESSI
130024	P216191	HDMI	134203	M090074	CLAC	14017ELBOW	P206282	DMT	1437164H1	P270539	KTSU		M070069	TESSI
130024A	P216191	HDMI		M090074	TMLS	14020	P207411	XAIR	1437165H1	P270541	KTSU	150007	M080024	TESSI
130036	P208324	HDMI	134226	P222750	AGEM	14025	P206366	XAIR	143876	J000220	AGEM	150008	M090091	TESSI
130036A	P208324	HDMI	134227	M090072	AGEM	1402841	M120365	GRDL	14400	P206297	HDMI	15001	M120154	RKRM
130048	P207285	HDMI	1342569	M080018	PIE	14030	P206367	XAIR	14400A	P206297	HDMI	150018	P207283	HDMI
130048A	P207285	HDMI	1342571	P270536	PIE	14035	P206368	XAIR	1444251	P206405	TIM	150018A	P207283	HDMI
130048CP	P207314	HDMI	1344554	P207326	PIE	140359804	P207282	HOIST		P206405	CAT	150024	J024739	HDMI
1300670	P206327	PIE	1344555	P206340	PIE	1403748	M090146	PLOC	144634	M090535	KSHA	150024A	J024739	HDMI
1300PE	P207326	XAIR	1344558	P206367	PIE	1403778	M060158	PLOC	1446492	P224600	SCNA	150024CP	J240024	HDMI
13013	M100572	TMCO	134591	M090544	TESSI				1446494	P206611	SCNA			

Cross Reference

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
15003	M120100	RKRM	1517515	M090091	CLRK	154503	J009649	XAIR	160713	M120100	KTSU	1650010S	P226147	HDMI
150036	P208380	HDMI		M090091	ECLD	1545546	M090074	ECLD	1609419C1	M090535	NAVI	16500M	P226157	HDMI
150036A	P208380	HDMI		M090091	CLJL	1547250	M045193	OK	1615618901	P270540	ATCO	16500S	P226158	HDMI
150036CP	J340023	HDMI	1517516	M170101	CLRK		M045193	TREX	161565700	P270539	ATCO	1650800	M001327	MNLS
150048	P207292	HDMI	1518	P206348	XAIR	1547275	P270532	TREX	1615695500	P270533	ATCO		M001327	OKSH
150048A	P207292	HDMI	151826	P206509	MOXY		P270532	OK	1615704200	P270535	ATCO	165530	P206298	XAIR
150048CP	P207317	HDMI	1518317C1	M100695	NAVI	15503803	M100464	GM	1615721400	P270536	ATCO	16555	P206298	XAIR
15005	M120225	RKRM	151849479	H001035	NH	1550817	M060005	CLRK	1615736600	P270532	ATCO	16562	M070069	CRMY
15006	M120365	RKRM		H001035	FIAT	1552235	M065065	ONAN	1615793200	M170101	ATCO	16563	M080024	CRMY
150060	P207289	HDMI		H001035	CASE	1552305	P206410	ONAN	1615881700	P270541	ATCO	1657433C1	M090548	NAVI
150060A	P207289	HDMI	15186939	P270541	GM	1552734	X007830	ONAN	1616106	P270532	NACO	1657434C1	M090547	NAVI
150060CP	P207300	HDMI		P270541	FPCO	1552736	X007784	ONAN	1616488100	M070069	ATCO	1657436C1	M100695	NAVI
15007	M120382	RKRM	1518825	M120154	CLRK	15541	P270536	WIRG	1616710C1	M120100	NAVI	1657436C2	M100695	NAVI
1500831	M070008	CLRK		M120154	VLVO	15552174	M110479	GM	16193981	M100043	ATCO	1658850	H001284	NACO
15010	M120235	RKRM	1518PE	P206349	XAIR	15557637	M110479	GM	1619398100	M100043	KTSU	1658855	P270539	NACO
1501052	M100463	AMHO	1519325	M090535	CLRK	15560	P206118	XAIR		M100043	ATCO	1660010M	P226150	HDMI
1501053	M090535	AMHO	1522201	M090146	JJI	15600	P206515	HDMI	16193984	M100043	ATCO	1660010S	P226153	HDMI
15011	M120418	RKRM	1522291	M100465	BLDY	1560203	M070028	CAT	1619508200	M120365	ATCO	167627	M060037	KSHA
1501108CP	P224707	HDMI	15251993	M100463	TREX	15609879	M110479	GM	1619621002	P270535	ATCO	167650	M065071	FMCO
150160CP	P224608	HDMI	15253	P206313	XAIR	156251	X004484	DRSS	1619621004	P270539	ATCO	16850024	M090072	UCP
150172CP	P224706	HDMI	15253991	M120225	TREX		X004484	KTSU	1619631801	M090091	ATCO	1688662C1	M100580	NAVI
150184CP	P224611	HDMI	15257794	M090538	TREX	15638767	M085267	GM	1619631802	M100016	ATCO	16921	P270540	WIRG
15019056	M120176	HRSN	15267	P206605	RWMF	1568	J009560	XAIR	1619631803	M070069	ATCO	16980	X004484	CC
1502168	P226158	HSTR	15271	M001503	RWMF	156815	M090544	CUMS	1619631804	M080024	ATCO	16F92	M090159	BABR
15023916	M120225	TREX	15272	M001702	RWMF	15700	P206516	HDMI	1619631805	M065030	ATCO		M090159	CAT
15026229	M111026	GMCT	152952	M070008	HSTR	157082	M120100	CUMS	161WA0601	M085008	CLRK	16H40043	M045237	FMC
	M111026	GM	153025	M085056	HSTR	1572181	P270541	PNJK	161WA533	M085023	CLRK	16P2501200	P206308	DFLX
1503535	M090210	FREQ	15311000	H001034	TREX	1572191	M120235	JJI	161WA599	M080018	CLRK	16R48	M090210	BABR
1503578	M070069	FREQ	15335	P206314	XAIR		M120235	PNJK	16208	P207362	HOIST	17011	P206411	LEVN
1503898	M085084	FREQ	153353	J190044	XAIR	15723	J008681	RWMF	162443	H001279	KSHA	17053	X004536	MPOW
1504069	M070068	FREQ	15340	P206315	XAIR	15726	J008681	RWMF	162941001	M060038	VMER	17055	X004476	GBKE
1504415	M090091	FREQ	15340PE	J009648	XAIR	15738	P206339	RWMF	1630010M	P226140	HDMI	17057	X004478	GBKE
1504913	M080024	FREQ	15345	P206316	XAIR	15738	P207335	RWMF	1630010S	P226144	HDMI	17058	X004480	LEVN
1504924	M100146	FREQ	15345	P206316	XAIR	15743	P206340	RWMF	163001256CP	J014621	DFLX	17060	X004482	IRT
1505943	M085023	CLRK	15354	J190045	XAIR		P206341	RWMF	16300M	P226129	HDMI		X004482	LEVN
15060400	J190061	LINK	153543	J190045	XAIR	15747	P207335	RWMF	16300S	P226132	HDMI	17061	X004482	PDCI
15060401	J190060	LINK	153612111	M090158	NH		P206339	RWMF	16312	X006204	VCOR		X004484	PDCI
15060402	J190058	LINK		M090158	CASE	157864	P270539	CMWK	1635010M	P226141	HDMI		X004484	MOGU
15060406	P222756	LINK	153612123	M065044	CASE	157864A	P270539	CMWK	1635010S	P226145	HDMI		X004484	LEVN
15060407	P222755	LINK		M065044	NH	158116	H001034	ECLD	16350M	P226154	HDMI	17074	X006203	PDCI
1506827	P206394	FREQ		M065044	FIAT	1583528	M001799	CAT	16350S	P226133	HDMI	17075	X006202	PDCI
1508	P207339	XAIR	153612125	M120100	NH	15850	P206517	HDMI	163513	P206407	KTSU	170797	M120235	KSHA
15090915	P270536	BOSS		M120100	FIAT	1585116	H001034	ECLD		P206407	DRSS	17220PC0003	P206303	HNDA
15091158	M060158	BOSS		M120100	CASE	1587517	X004962	VLVO	163514	P206409	KTSU	17220PE8600	P206303	HNDA
151000	P206519	HDMI	153612127	P270538	CASE	15900	P206518	HDMI		P206409	DRSS	17220PE8601	P206303	HNDA
151015	P206521	HDMI		P270538	NH	15901	M120154	RKRM	163580	P270532	DIA	1728	J000230	NH
1510461	M065030	FREQ		P270538	FIAT	15902	M120131	RKRM		P270532	ELECT	1730018	P206544	HDMI
1510991	M085023	JJI	153612136	P270533	FIAT	15903	M120100	RKRM	163621528	X004539	VMER	1730018SS	P206544	HDMI
1511657	M090594	FREQ		P270533	CASE	15903Q	M120100	RKRM	163621530	M100016	VMER	17301	P206516	HGMP
1511658	P206399	FREQ		P270533	NH	15904W	M120197	RKRM	163627673	M001502	VMER	17324	P208330	XAIR
1511719	M070028	FREQ	153612138	P270539	CASE	15905	M120108	RKRM	163642518	M101169	VMER	173548	P206381	XAIR
1511946	P206398	FREQ		P270539	FIAT	15906	M120365	RKRM	163642783	M002121	VMER	17369	P208364	CRMY
1512	P206347	XAIR	153612153	P270532	CASE	15906Q	M120365	RKRM	163642784	P207364	VMER	1736900	M120235	OKSH
1512238	M100049	CLRK		P270532	FIAT	15909	M120235	RKRM	163642854	M101167	VMER	17370	P208348	CRMY
1512PE	P207331	XAIR		P270532	NH	15909Q	M120235	RKRM	16400	X006203	VCOR	173838	M065034	NH
1513792	M100048	CLRK	153612157	P270541	CASE	15911	M120418	RKRM	1640010M	P226142	HDMI		M065034	FMCO
1513902	P270541	HSTR		P270541	FIAT	15913	M122300	RKRM	1640010S	P226146	HDMI	17390F	M085023	OKSH
1514079	P207414	FREQ	153612171	M100043	FIAT	159349	M120100	NACO	164001450CP	J014623	DFLX	17390FX	M085023	OKSH
1514083	M085078	CLRK		M100043	NH		M120100	HSTR	16400M	P226155	HDMI	1740018	P206546	HDMI
151443	P206508	MOXY		M100043	CASE	1594147	P206280	PIE	16400S	P226156	HDMI	1740018SS	P206546	HDMI
15149659	M111024	GM	153612177	M060251	NH	1594202	P206372	PIE	164034	M080018	CUMS	17402	P270534	WIMC
1515	J190003	XAIR		M060251	FIAT	159842001	P226153	VMER	16404	P206297	XAIR	17403	P270536	WIMC
1515089	P207402	FREQ		M060251	CASE	1599218	X004539	CAT	1644490	M100580	OKSH	17405	P270539	FILTER
15152	P270531	RWMF	153612182	M120365	NH	1599219	P207366	CAT		M100580	MNLS		P270539	LEAR
15153	P270536	RWMF		M120365	FIAT	1599220	P270543	CAT	1644500	M100582	OKSH		P270539	FLTR
15155	P270539	RWMF		M120365	CASE	160002	M090072	TESSI	164653	M100146	KSHA		P270539	WIMC
15161	P270534	RWMF	1536521	P206410	PNJK	16002	X005207	FRAM	1647375C1	M100580	NAVI	17418	P208386	XAIR
15163	P270541	RWMF		M060037	WHITE		X005207	ALSY		M100580	DINA	17424	J024748	XAIR
15164	P270543	RWMF	1541350	M120108	CLRK	1604316600	P270542	ATCO	1647998C1	M090520	NAVI	17436	P208358	XAIR
151712	P206606	MOXY	1543567	M120108	ECLD	16043541	P270543	SAME	1648000C2	M090547	KTSU	17448	P206382	XAIR
1517514	M100016	CLRK	154477	X004478	DRSS	160692	M060158	FEDR	16500	X006202	VCOR	1744959	M085008	CLRK
	M100016	CLJL		X004478	KTSU		M060158	DIA	1650010M	P226143	HDMI	1750018	P206547	HDMI
			15450	P206317	XAIR		M060158	FEDM						
							M060158	ELECT						

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
1750018SS	P206547	HDMI	183670	J009612	CUMS	190042	J190042	AP	19030	M100052	RKRM	1909515	M120382	STMC
17518	P208392	XAIR	18375	P207353	RWMF	190044	J190044	AP	1903193M91	H001278	MF	1909526	M090301	STMC
17524	P208338	XAIR	18376	J009636	RWMF	190045	J190045	AP		H001278	DETZ	1909528	M090538	STMC
17536	P208374	XAIR	18377	J009648	RWMF	190046	J190046	AP		H001278	AGCO	1909532	M090520	STMC
17548	P206383	XAIR	18400	P206410	HDMI	190054	J190054	AP	19035	P206370	CAT	1909537	M090547	STMC
1755012	M085090	GRDL	18400CP	J009486	HDMI	190055	J190055	AP		P206370	BLNT	1909538	M090280	STMC
17560	P208394	XAIR	18409	M065071	RWMF	190056	J190056	AP	1903842M91	H001284	DETZ	1909542	M090538	STMC
176066740	P206321	BADG	18410	M100464	RWMF	190057	J190057	AP		H001284	AGCO	1909545	M090520	STMC
176080988	J034673	BADG	18411	M065034	RWMF	190058	J190058	AP		H001284	MF	1909548	M090563	STMC
176321	P207367	CAT	18416	M101167	RWMF	190059	J190058	AP	19043388	J024836	DLTC	1909550	M090534	STMC
	P207367	BLNT	18420	M080018	RWMF	190060	J190060	AP	1906407	X007805	Marine	1909551	M090280	STMC
17692	X004484	ADUM	18421	M090594	RWMF	190061	J190061	AP		X007805	SHUT	1909553	M090520	STMC
17693	X007784	ADUM	18422	M085171	RWMF	190062	J190062	AP	190699	M085090	SLIC	1909700	M065065	STMC
1769937	P206516	PIE	18427	P206318	RWMF	190063	J190063	AP	190704	P226151	SLIC	1909702	M065065	STMC
17765	M070008	PETTI	18429	M001505	RWMF	190107	M100465	STMC	1908250	M065065	STMC	1909703	M065065	STMC
1796899	M090538	CLRK	18434	P207366	RWMF	1901125	M120382	STMC	190849	P208330	SLIC	1909801	M085171	STMC
17B30012SS	J240003	HDMI	18440	P206411	RWMF	1901126	M110189	STMC	190851	X004536	SLIC	1909809	M090544	STMC
17B30018SS	P206552	HDMI	1848432	H001284	FIAT	1901134	M120418	STMC	190861	P207596	SLIC	1909855	M100049	STMC
17B30024SS	J240004	HDMI		H001284	CASE	1901140	M110077	STMC	190876	J000231	SLIC	1909858	M110014	STMC
17B35012SS	J240005	HDMI	1849425	X004480	CASE	1901150	M110012	STMC	190889	J190013	SLIC	1909860	M100052	STMC
17B35018SS	P206553	HDMI		X004480	FIAT	1901157	M100466	STMC	1909004	M065071	STMC	1909869	M100464	STMC
17B35024SS	J024850	HDMI	1849471	H001278	FIAT	1901160	M090158	STMC	1909006	M060232	STMC	1909870	M100464	STMC
17B40012	P224479	HDMI		H001278	CASE	1901180	M085023	STMC	1909007	M065065	STMC	1909872	M100580	STMC
17B40012SS	J240006	HDMI	1849473	H001034	FIAT	1901181	M090547	STMC	1909010	M060232	STMC	1909887	M100048	STMC
17B40018	J024754	HDMI		H001034	CASE	1901187	M100466	STMC	1909018	M065065	STMC	1909892	M100465	STMC
17B40018SS	P206554	HDMI	1849479	H001035	FIAT	190120012	J190044	PALA	1909057	M060055	STMC	1909898	M100463	STMC
17B40024	J024835	HDMI		H001035	CASE	190120015	P207394	PALA	1909063	M065065	STMC	1909926	M120382	STMC
17B40024SS	J024836	HDMI	18500	P206411	HDMI	1901204	M100213	STMC	1909065	M060232	STMC	1912400	X007829	CAT
17B40036	J034743	HDMI	18500CP	J009487	HDMI	1901205	M100695	STMC	1909121	M080018	STMC	191419	P207415	DIA
17B40036SS	J034673	HDMI	18571	M090072	URIG	1901208	M110189	STMC	1909122	M070028	STMC		P207415	ELECT
17B40048	P226142	HDMI	18600	P207667	HDMI	1901220	M120566	STMC	1909123	M090362	STMC	1920915	X004539	FAUN
17B50012	P224481	HDMI	186548	M070008	GRDL	1901221	M090547	STMC	1909131	M065065	STMC	192256	P206508	SLIC
17B50012SS	J240007	HDMI	1878529	M090595	PALA	1901231	M100807	STMC	1909135	M070008	STMC	192257	P206543	SLIC
17B50018	J024755	HDMI	188347	J240006	ELECT	1901234	M100695	STMC		M070008	FIAT	192258	P207290	SLIC
17B50018SS	P206555	HDMI		J240006	DIA	1901289	M100052	STMC	1909146	M070050	STMC	1925199	X004480	SISU
17B50024	J024837	HDMI		J240006	FEDR	1901292	M090548	STMC	1909207	M085008	STMC		X004480	ECLD
17B50024SS	J024838	HDMI	18838	P206345	BVER	1901299	M065065	STMC	1909208	M085023	STMC	1928766	X004482	ECLD
17B50036	J034744	HDMI	188383	P206345	BVER	1901302	M065034	STMC	1909218	M085207	STMC	19298108	J000233	IR
17B50036SS	J034674	HDMI	18940	M120131	CC	1901303	M090170	STMC	1909230	M085207	STMC	19298116	P206411	IR
180005348	M090595	VMER	18A0557	M070050	LKBT	1901304	M085056	STMC	1909234	M085171	STMC	19300	P206600	HDMI
180006147	P206602	VMER		M070050	FMC	1901305	M085207	STMC	1909241	M085189	STMC	19300Z	P206600	HDMI
180006149	P206603	VMER	18A23165S	M120108	FMC	1901311	M090563	STMC	1909245	M085172	STMC	193015	H001278	FIAT
180009	J000202	NOVA	18A2316S	M120108	FMC	1901314	M111026	STMC	1909248	M090563	STMC		H001278	CASE
180011547	M002120	VMER	18A300	J000200	HDMI	1901331	M060247	STMC	1909250	M085172	STMC		H001278	NH
180011827	P270538	VMER	18A350	J000201	HDMI	1901332	M085090	STMC	1909300	M090544	STMC	19350	P206601	HDMI
180124	M060158	SLIC	18A3784	M120108	LKBT	1901334	M045193	STMC	1909303	M090362	STMC	19350CP	P206609	HDMI
180316	M065034	SLIC		M120108	FMC	1901335	M065044	STMC	1909306	M090544	STMC	19350Z	P206601	HDMI
180363	M045237	SLIC		M120108	LBX	1901336	M090595	STMC	1909310	M090072	STMC	19400	P206602	HDMI
180697	X004478	CASE	18A400	J000202	HDMI	1901337	M100572	STMC	1909316	M090594	STMC	19400CP	P206610	HDMI
18077	P206366	GOE	18A4305	X004484	FMC	1901342	M120135	STMC	1909327	M090535	STMC	19400Z	P206602	HDMI
180864	P215307	CASE		X004484	LKBT	1901343	M085008	STMC	1909333	M090009	STMC	194027	M001503	DWCH
	P215307	AUST	18A500	J000203	HDMI	1901345	M090544	STMC	1909336	M100464	STMC		M001503	CMWK
1810110	X004539	OKSH	18A557	M070050	FMC	1901346	M100582	STMC	1909341	M090146	STMC	194027A	M001432	CMWK
18110	J018110	AP	18H0419	M120100	FMC	1901348	M122300	STMC	1909344	M090544	STMC	194049	M001702	CMWK
181338	P270531	DIA	190002	J190002	AP	1901351	M120235	STMC	1909348	M090544	STMC		M001702	DWCH
	P270531	FEDR	190003	J190003	AP	1901352	M100465	STMC	1909349	M090544	STMC	194064	J008671	CMWK
	P270531	ELECT	190004	J190004	AP	1901353	M100465	STMC	1909350	M100464	STMC	194137A	M060158	CMWK
18144	P270542	AP	190009	J190009	AP	1901358	M090544	STMC	1909351	M090146	STMC	194181	M001703	DWCH
	P206368	AP	190011	P207332	AP	1901360	M090074	STMC	1909352	M090544	STMC		M001703	CMWK
18154F	M085008	OKSH	1900120015	P207394	PALA	1901361	M090781	STMC	1909353	M090544	STMC	194181A	M001703	DWCH
18154FX	M085008	OKSH	190013	J190013	AP	1901362	M120100	STMC	1909354	M090535	STMC		M001703	CMWK
181DGE005E0523	P206508	AGEM	190014	J190014	AP	1901373	M100049	WLKR	1909376	M090146	STMC	194202	M001504	CMWK
18200	P206403	HDMI	190016	J190016	AP	1901378	M100695	WLKR	1909377	M090781	STMC		M001504	DWCH
18225	P206404	HDMI	190017	J190017	AP	1901382	M100465	STMC	1909400	M120100	STMC	194284A	J008681	CMWK
18250	P206405	HDMI	190019	J190019	AP	1901383	M090595	STMC	1909401	M120108	STMC	194375	J024748	CMWK
18275	P206406	HDMI	190020	J190020	AP	1901384	M090544	STMC	1909416	M120154	STMC	194375A	P208330	CMWK
18300	P206407	HDMI	190023	J190023	AP	1902490	M070069	CLJL	1909427	M120176	STMC	194451	M001668	CMWK
18325	P206408	HDMI	190025	J190025	AP		M070069	SISU	1909428	M120131	STMC	194456	M101168	CMWK
1834224	M001566	CAT	190026	P206286	AP		M070069	ECLD	1909437	M120365	STMC	194456A	M101168	CMWK
	M001566	EAGP	190027	J190027	AP		M070069	CLRK	1909451	M120367	STMC	194479A	M060251	CMWK
183422400	M001566	CAT	190037688	P207408	PALA		M070069	VALM	1909500	M090158	STMC	194625	X004484	PRVT
18350	P206409	HDMI	1900401	M060232	STMC	1902493	M085008	CLRK	1909505	M090280	STMC			
			190041	J190041	AP									

Cross Reference

(See the first page of this section for the Manufacturer's Code Listing)



CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
194843	X004482	PRVT	1M13284800	M045193	WHITE	2010003	P206371	STMC	2020225	P270533	STMC	20400B	X004482	HDMI
19500	P206603	HDMI	1ME19301	M090544	MACK	2010005	P207405	STMC	2020249	M100463	GM	20400ES	J000216	HDMI
19500043	P206602	PRVT	1ME19301P1	M090544	MACK	2010014	P206372	STMC	2020250	P270534	STMC	20400I	X004482	HDMI
19500183	J000203	PRVT	1ME19301P10	M090535	MACK	2010041	P206373	STMC	2020275	P270535	STMC	204035	X004482	BEQP
19500186	J009606	PRVT	1ME19301P2	M090074	MACK	2010061	P206374	STMC	2020300	P270536	STMC	2042783	M070028	EATN
19500260	X004480	PRVT	1ME19301P5	M090544	MACK	2010069	P206375	STMC	2020350	P270538	STMC	2043027	P206600	CAT
19500278	P207667	PRVT	1ME19301P7	M090544	MACK	2010114	P207408	STMC	2020384	P270540	STMC	2045555	M002117	ASV
19500467	X006203	PRVT	1ME19301P8	M100464	MACK	2010768	X004476	GM	2020385	P270543	STMC	2046609	M090534	GM
19500505	P206411	PRVT	1ME19301P9	M100464	MACK	2010769	X004538	GM	2020400	P270539	STMC	2046900	M065071	TRJN
19500529	J009624	PRVT	1MEA19301P5	M090544	MACK	2010770	X004478	MTRC	2020406	P270837	STMC	204690000	M065071	TRJN
19500530	X007785	PRVT	1NPN90506	M100944	MACK		X004478	MOCH	2020414	P271508	STMC	20477610	M001865	MACK
19500534	P206607	PRVT	1P2035	M070008	CHLN	2010771	X004480	GM	2020415	P270837	STMC		M001865	VLVO
19500581	P206408	PRVT	1X39440007	M065044	HAY		X004480	MOCH	2020417	P270838	STMC	20500	X004484	HDMI
19500585	P206409	PRVT	1X6442	X004538	FMC		X004480	MTRC	2020450	P270540	STMC	2050002	P206297	STMC
19500586	P213191	PRVT		X004538	LKBT	2010772	X004482	GM	2020500	P270541	STMC	2050010	P206297	WLKR
19500659	P206407	PRVT				2010773	X004484	UCP	2020550	P270542	STMC		P206297	STMC
19500781	P206603	PRVT					X004484	GM		P270542	WLKR	2050019	P206297	STMC
19500862	J000230	PRVT				2011273	P206371	STMC	2020600	P270543	AMBC	2050029	M045237	ASV
19500CP	P206611	HDMI	200	J000220	AP	2011274	P206373	STMC		P270543	STMC	2050032	P206298	STMC
19500Z	P206603	HDMI	20000145	J009644	ASTEC	2011275	P206374	STMC	2021027	P271508	STMC	20500A	X006202	HDMI
19501529	M085078	CMWK	20000152	P207366	AST	2011276	P206375	STMC	2021028	P270837	STMC	20500B	X004484	HDMI
19502069	P206410	PRVT		P207366	ASTEC	2011280	P206375	STMC	2021029	P270838	STMC	20500ES	J000217	HDMI
19502386	X004478	PRVT	200002	P206279	TESSI	201210	M065030	BEQP	2021300	P271507	STMC	20500I	X004484	HDMI
1951025	M085056	CMWK	200004232	X006202	CAT	2013323	M100213	GM	2021400	P270837	STMC	205012	X004478	BEQP
1951026	M085078	CMWK	20000646	P206398	AST		M100213	VLVO	2021500	P270838	STMC	2050657	J092689	STMC
1951315	M080024	CMWK		P206398	ASTEC	2015210C1	M100582	NAVI	2021500	P270838	STMC	2051892	M060055	ASV
1951468	M001502	CMWK	20000651	J190003	AST	20153T	M080018	NLSN	2021600	P271511	STMC	205229	M090158	SHBR
1951510	P270538	CMWK		J190003	ASTEC	201550N	M060479	NLSN		P271511	WLKR	20580000	M065065	UPRH
195617	J009607	PRVT	200014	P207351	TESSI	201551N	M060480	NLSN	2022400	P270539	STMC	20580001	M065044	UPRH
195N949	M070008	OKSH	200024	P206389	TESSI	201552N	M060481	NLSN		P270539	WLKR	205996	M085090	CRMY
19600	P207596	HDMI	200027	P207333	TESSI	201553N	M060482	NLSN	20225	X004537	HDMI	20600	X004539	HDMI
19600CP	P207598	HDMI	200028	P207335	TESSI	201554N	M060483	NLSN	2022500	P270541	STMC	2060001	P207667	STMC
19600Z	P207596	HDMI	200029	P206340	TESSI	201555N	M065138	NLSN		P270541	WLKR	2060004	P206403	STMC
196103	P270531	CMWK	200035	P206343	TESSI	201556N	M065139	NLSN	20225ES	J000212	HDMI	2060011	P206404	STMC
196224	P206410	FMC	2000393	M085056	RYGO	201557N	M065140	NLSN	202265	M060158	KSHA	2060016	P206405	STMC
196332A	M100048	CMWK	200048	P206348	TESSI	201558N	M065141	NLSN	2022825	M100465	GM	2060025	P206406	STMC
196350	P207402	CMWK	200044	P207324	TESSI	201559N	M091050	NLSN	2024270	X004536	GM	2060030	P206407	STMC
196351	P206304	CMWK	200052	J190016	TESSI		M065142	NLSN	2024271	X004537	GM	2060036	P206408	STMC
196373	P206309	CMWK	200063	P206393	TESSI	201560N	M085407	NLSN	20250	X004476	HDMI	2060042	P206409	STMC
196381	P270530	CMWK	200068	P216174	TESSI	201561N	M085408	NLSN	20250ES	J000211	HDMI	2060063	P206410	STMC
19745	P207339	CC	200070	P207325	TESSI	201562N	M085409	NLSN	20275	X004538	HDMI	2060070	P206282	STMC
197700	M045237	FMCO	200071	J190013	TESSI	201563N	M085410	NLSN	20275ES	J000213	HDMI	2060072	P206411	STMC
197721	M085023	FWD	20007402	M065044	NH	201564N	M060483	NLSN	2028001	P270535	STMC	20600I	X004539	HDMI
199254	M045237	FMCO		M065044	FIAT		M085411	NLSN	202SPT063	M170101	GRDL	2061063	J009486	STMC
199386R91	M085008	NAVI		M065044	CASE	201565N	M091046	NLSN	20300	X004478	HDMI		J009486	WLKR
19A200	J000220	HDMI	200079	P207350	TESSI	201566N	M091047	NLSN	20300ES	J000214	HDMI	2061072	J009487	STMC
19A225	J000222	HDMI	200095003	J190003	CAT	201567N	M091048	NLSN	203010820	X004536	WHITE		J009487	WLKR
19A250	J000221	HDMI	200095301	P206547	CAT	201568N	M091049	NLSN	2030195	P207382	STMC	20619T	M070325	NLSN
19A275	J000224	HDMI	200095705	P208394	CAT	201569N	M091050	NLSN	2030202	P206313	STMC	206204	X004478	CRMY
19A300	J000227	HDMI	200095811	P206509	KIMBLE	201570N	M101167	NLSN	2030208	P206314	STMC	206212	J240004	CRMY
19A350	J000228	HDMI	2000SEU063	M090009	GRDR	201571N	M101168	NLSN	2030212	P206316	STMC	206337	P206337	DD
19A400	J000230	HDMI	2001103	M060251	TYLR	201572N	M101169	NLSN	2030213	P206317	STMC	2063420	M085056	TRJN
19A500	J000232	HDMI	200114	J190004	TESSI	201573N	M101170	NLSN	2030214	P206318	STMC	206342000	M085056	OK
19H0340	X004482	FMC	2002206	M100463	GM	201574N	M101171	NLSN	2030401	P206315	STMC		M085056	TRJN
	X004482	LKBT	200238N	M090595	FTGD	201575N	M120747	NLSN	2030812	M100464	GM		M085056	EATN
	X004482	LBX		M090595	NLSN	201576N	M120748	NLSN	2031274	P207386	STMC	206346	P206346	GNRC
19TN726	M060005	OKSH	2002655	M090280	GM	201577N	M120749	NLSN	2031275	P206316	STMC	206466100	P206346	TRJN
19X1442	M120135	STMC	2005340	M090159	GM	201578N	M120750	NLSN	2031276	P206317	STMC		P206607	TREX
1D22101	M045237	FMHD	2006718	M100463	GM	201579N	M120751	NLSN	2031279	P207385	STMC	206615	P206615	DD
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	P206411	CAT	2009207	M090534	GM	20200	X004536	HDMI	2032369	M100465	GM	206773900	M001503	CAT
1G5679	P206409	TIM	200A1014	P206331	AP	2020001	P270532	STMC	2033410	M100213	OKSH	2068063	J009486	WLKR
	P206409	CAT	200A1016	P226140	AP	2020006	P270533	STMC	2033626	M070008	EATN		J009486	STMC
1G8122	M170101	RYGO	200A7516	P206331	AP	202000R91	M100049	NAVI	20350	X004480	HDMI	2068072	J009487	WLKR
	M170101	CAT	200K1014	P206331	AP	2020012	P270534	STMC	20350A	X006204	HDMI		J009487	STMC
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	M070008	LKBT	200K7016	P206331	AP	2020083	P270536	STMC	20354626	M100944	VLVO	2069773	J009611	GM
1H2180	M090158	LBX	200K7514	P206331	AP	20200ES	J000210	HDMI	2038095	M090009	TRJN	2070196	P206602	STMC
	M090158	FMC	200K7516	P206331	AP	2020108	P270538	STMC	2039105	M090534	GM	2070201	P206603	STMC
	M090158	LKBT	200SEU063	M090009	GRDL	2020134	P270539	STMC	203981100	P206342	TRJN	2070209	P206373	STMC
1JD916	X007830	OKSH	200SP1063	M120100	GRDL	2020144	P270541	STMC	20400	X004482	HDMI	2070215	P207596	STMC
	X007830	ONAN	200SP063	M120100	GRDL	2020200	P270532	STMC	20400A	X006203	HDMI	2071275	P206609	STMC

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2071276	P206610	STMC	20A300	J009604	HDMI	21004	M065065	WLKR	211197	M090544	CUMS	21325	M060232	WLKR
2071277	P206611	STMC	20A350	J009605	HDMI	21007	M060232	WLKR	211206	M100049	CUMS	2132530	P226129	STMC
2071283	P207598	STMC	20A400	J009606	HDMI	2100793	P207326	ASTEC	211213	M090072	CUMS	2132535	P226154	STMC
2071284	P206608	WLKR	20A500	J009607	HDMI		P207326	AST	21124	M060232	WLKR	2132540	P226155	WLKR
	P206608	STMC	20C300	X007830	HDMI	2100988	P206508	STMC	21125	M065065	WLKR		P226155	STMC
2071285	P206600	STMC	20C350	X007831	HDMI	2100989	P206509	STMC		P210110	HDMI	2132550	P226157	STMC
	P206600	WLKR	20C400	X007784	HDMI	2100991	P206510	STMC	21126	M060232	WLKR	21328	M065065	WLKR
2071286	P206601	STMC	20C500	X007785	HDMI	2100992	M06511	STMC	21127	M060232	WLKR	21331	M060232	WLKR
	P206601	WLKR	20E01K1520	P270536	KTSU	2100993	P206512	STMC	21136	M065044	KUTK	2133640	J034743	WLKR
2072019	M120108	TRJN	20S200	J190056	HDMI	2100995	P206511	STMC	21137	P206405	KUTK		J034743	STMC
207201900	M120108	EATN	20S225	J190057	HDMI	2101000	P206512	STMC	21151	M065065	WLKR	2133650	J034744	STMC
2073181	M065034	EATN	20S250	J190058	HDMI	210116	M120448	CRAN	211516500	M090210	TREX		J034744	WLKR
207335	P207335	ENGN	20S275	J190059	HDMI	210121	M070028	CRAN	2115188	P206408	TREX	2134056	P207331	CAT
207366	P207366	YOUNM	20S300	J190060	HDMI	21013	M090544	CRAN		P206408	OK	2134083	M100582	CAT
207368	P207368	VMER	20S350	J190061	HDMI	21016	M070028	CRAN	211618R91	M085023	NAVI	2134840	P226142	STMC
2076550	M085023	TRJN	20S400	J009623	HDMI	21018	M085023	WLKR	21169	M060232	WLKR	21365	M065065	WLKR
207655000	M085023	TRJN	20S500	J009624	HDMI		M120100	CRAN	21174	M120100	WLKR	21372	M060232	WLKR
	M085023	EATN	2100002	P206520	STMC	21021	M065065	WLKR	2117521	X004476	BLDY	21374	P222018	HDMI
20779	P206408	QUIN	2100003	P206521	STMC	21022	M060232	WLKR	2117539	X004480	BLDY	21384	J009611	HDMI
2078196	P206602	STMC	21000038	P207329	ASTEC	21023	M085023	CRAN	21188	M045237	WLKR	2139921	M090158	BLWL
	P206602	WLKR		P207329	AST	21024	M120365	CRAN	212	J000221	AP	214	J000222	AP
2078201	P206603	WLKR	21000039	P206336	ASTEC	21025	M045237	WLKR	2120401292	M090535	REX	2140057	P226142	STMC
	P206603	STMC		P206336	AST	21026	M100049	CRAN	2120402592	M090170	RXRDR	2140071	P226143	STMC
2078215	P207596	WLKR	2100004	P224481	STMC	21028	M060232	WLKR	2120403292	M060158	MIIN	2140530	P226129	STMC
	P207596	STMC	21000042	P206399	ASTEC	21030	M100049	CRAN		M060158	RXRDR	2140535	P226154	STMC
2079903	M090534	GM		P206399	AST		M065065	WLKR	2120403492	M070069	RXRDR	2140540	P226155	STMC
2080012	P222748	STMC	21000043	P207353	AST	2103006	M090301	GRDL	2120979	J009429	STMC	2140550	P226157	STMC
2080102	J000224	STMC		P207353	ASTEC	21035	M090544	CRAN	2120980	J009429	STMC	2140562	J024835	STMC
2080103	J000227	STMC	21000044	P206395	AST	21037	M090535	CRAN	2120981	J009429	STMC	2140563	J034743	STMC
2080105	J000228	STMC		P206395	ASTEC	21038	M085008	CRAN	2120982	X005207	STMC	2140564	P226142	STMC
2080107	J000230	STMC	21000048	J008671	ASTEC	21042	M100048	CRAN	2120986	P206543	STMC	2140566	J024837	STMC
2080109	J000232	STMC		J008671	AST	21046	M120100	CRAN	2120995	P206540	STMC	2140567	J034744	STMC
2081801	M090170	FMC	21000085	M090074	AST	21047	M120108	CRAN	2121006	X005207	WLKR	214059001	M065034	VMER
20824	P206306	TRUX		M090074	ASTEC	21048	M120131	CRAN	21213	J009612	HDMI	2140590011	M065034	VMER
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2088102	J000224	WLKR		J009636	AST	21054	M120154	CRAN	21215	P206607	HDMI	2140806	J024755	STMC
	J000224	STMC	2100017	P206523	STMC	21055	M080024	CRAN	212361	M085008	CUMS	2142445	P207453	TREX
2088103	J000227	WLKR	2100019	P206526	STMC	2105576	M120131	TRJN	212362	M085023	CUMS	2143292	M120225	TREX
	J000227	STMC	21000195	P206393	AST	210557600	M120131	EATN	2124312	J009613	HDMI		M120225	OK
2088105	J000228	STMC		P206393	ASTEC		M120131	TRJN	212507592	M090538	CLRK	21439	M065065	WLKR
	J000228	WLKR	21000198	P207362	AST	21057	M100464	CRAN	21259	M065065	WLKR	21464	M090362	WLKR
2088107	J000230	WLKR		P207362	ASTEC	21058	P206319	GTMM	21287	M060232	WLKR	21465	M100049	WLKR
	J000230	STMC	2100022	P206524	STMC	21059	M065065	WLKR	212A1014	P206333	AP	21470	M070028	WLKR
2088109	P206410	CRMY	2100023	P206525	STMC	2106001	M090301	VMER	212A1016	P206333	TRUX	21475	M065065	WLKR
	J000232	STMC	21000360	P207363	ASTEC	21060011	M090301	VMER		P206333	AP	21476	M085023	WLKR
	J000232	WLKR		P207363	AST	21066	M090538	CRAN	212K1014	P206333	AP	21495	M060232	WLKR
208852	M070028	DRDT	2100048	M120131	CRAN	21067	M100464	CRAN	212K7514	P206333	AP	2150066	P226146	STMC
2089167	M085008	TRJN	21000793	P207326	AST	21068	M065065	WLKR	2130010	P226148	STMC	2150400	P226147	STMC
208916700	M085008	TRJN		P207326	ASTEC		P207394	POCI	2130015	P226149	STMC	2150651	P226145	STMC
	M085008	EATN	2100083	M120197	CRAN	2106828	M002121	CAT	2130020	P226148	STMC	2150671	P226144	STMC
2089643	M070068	EATN	21001004	P207324	AST	2106829	M002121	CAT		P226148	WLKR	2150735	P226133	STMC
	M070068	TRJN		P207324	ASTEC	21070	M090535	CRAN	2130026	P226141	STMC	2150740	P226156	STMC
	M070068	YALE	2100116	M120448	CRAN	21072	M120197	CRAN	2130530	P226129	STMC	2150750	P226158	STMC
208964300	M070068	TRJN	2100128	M120131	CRAN	21074	M090547	WLKR	2130535	P226154	STMC	2150808	P206552	STMC
2090008	P207784	STMC	21001321	M120225	ASTEC		M120365	CRAN	2130540	P226155	STMC	2150809	P206553	STMC
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2090987	J008167	STMC	21001330	J009648	ASTEC		M100465	CRAN	2131025	P226149	STMC	2150812	P206555	STMC
209115	J000230	Scompa		J009648	AST	21079	P206304	LEVN		P226149	WLKR	2150867	P226152	STMC
2091176	M120365	GM	21001385	J190042	ASTEC	21082	M120189	CRAN	2131030	P226140	WLKR	2151020	P226151	WLKR
2092903	M070069	EATN		J190042	AST	21083	M120197	CRAN		P226140	STMC		P226151	STMC
	M070069	TRJN	2100146	P206515	STMC	21090	M100463	CRAN	2131035	P226141	STMC	2151025	P226152	STMC
	M070069	YALE	2100150	M085207	CRAN	21091	M100213	CRAN		P226141	WLKR		P226152	WLKR
209290300	M070069	TJAK	2100153	P206516	STMC	21092	M100048	CRAN	2131040	P226142	STMC	2151030	P226144	STMC
	M070069	JNDR	2100164	M090091	CRAN	21093	M100463	CRAN	2131050	P226143	STMC		P226144	WLKR
2093622	M085023	EATN	2100165	M120225	CRAN	21094	M120235	CRAN	2131060	P226150	WLKR	2151035	P226145	STMC
2094047	M065065	TRJN	2100167	P206517	STMC	21095	M090091	CRAN		P226150	STMC		P226145	WLKR
209500200	M090158	TJAK	2100169	M100016	CRAN	21097	M065065	WLKR	21314	J009614	HDMI	2151040	P226146	STMC
	M090158	EATN	2100171	M140048	CRAN	21099	M120235	CRAN	2131840	J024754	WLKR	2151050	P226147	STMC
209802	X004476	WKSA	2100180	P206518	STMC	21101	M085008	WLKR		J024754	STMC	2151060	P226153	WLKR
209802B	X004536	WKSA	21003	M060232	WLKR	2110221	P206616	STMC	2131850	J024755	STMC		P226153	STMC
209802C	X004482	WKSA	2100338	P206519	STMC	21113	P206604	HDMI	2132440	J024835	STMC	2151240	J240006	STMC
209802D	X004478	WKSA	2100360	P207363	AST	2111312	P206605	HDMI		J024835	WLKR		J240006	WLKR
209802E	X004484	WKSA		P207363	ASTEC				2132450	J024837	STMC			

Cross Reference

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CROSS REFERENCE

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2151250	J240007	STMC	2170380	P207330	STMC	2181203	P206344	STMC	219567	P206406	NH	222578	M120154	DRDT
2151830	P206552	WLKR	2170494	P206346	STMC	2181204	P206344	STMC		P206406	CASE	22279590	P206344	IR
	P206552	STMC	2170507	P216175	STMC	21832	M090520	WLKR	21966	P216227	WLKR	2228000	P207419	STMC
2151835	P206553	WLKR	2170663	P207332	STMC	21833	M100048	WLKR	21968	M100052	WLKR	22300	P206334	DFLX
	P206553	STMC	2170966	P216175	STMC	21835	M090072	WLKR	21969	M100146	WLKR	22300AZ	P206334	DFLX
2151840	P206554	WLKR	2170971	P207329	STMC	21837	M100049	WLKR	21971	M120382	WLKR	22300S	P224685	DFLX
	P206554	STMC	2170972	P206349	STMC	218371	P205834	KSHA	219802	M065034	DRDT	2230745	M085056	FMC
2151850	P206555	STMC	2170973	P207327	STMC	21838	M085171	WLKR	21998	M065034	WLKR	22320220	M065044	IR
	P206555	WLKR	2170974	P206346	STMC	218439	H001284	KSHA	21H0145	J240012	LKBT	22320246	M100048	IR
2152440	J024836	WLKR	2170975	P207331	STMC	2185	P206343	NAPA	2200	M002164	MOB	22320253	M085090	IR
	J024836	STMC	2170992	P207331	STMC	21850	M060232	WLKR	22000214	M100463	AST	22332	M060251	TMCO
2152450	J024838	STMC	2171004	J190019	STMC	2188030	J008681	STMC		M100463	ASTE	2233448	X004478	FMC
	J024838	WLKR	2171006	P207364	STMC	2190093	P206331	STMC	2200086	P207367	STMC	22337	M120366	WLKR
2152530	P226132	WLKR	2171009	P207362	STMC	2190106	P206333	STMC	2200087	P206849	STMC	22340350	M090301	IR
	P226132	STMC	2171010	P207366	STMC	2190110	J000127	STMC	2200092	P207368	STMC	22344816	P206520	IR
2152535	P226133	STMC	2171011	P207362	STMC	2190113	P206334	STMC	2200098	P206520	STMC	22350	P206335	DFLX
2152540	P226156	STMC	2171013	P206346	STMC	2190118	P206335	STMC	22004	M090280	WLKR	22350AZ	P206335	DFLX
215254001	M085208	VMER	2171014	P207362	STMC	2190125	P206336	STMC	22005	M100016	WLKR	2235724	M085023	FMC
2152540011	M085208	VMER	2171015	P207332	STMC	2190143	P206338	STMC	2200815613	M100464	BLDY	223599	P206323	GRVE
2152550	P226158	STMC	2171016	P207332	STMC	2190345	P206337	STMC	2201032	P206851	STMC	22362	M060250	TMCO
2153640	J034673	STMC	2171188	P207363	STMC	2191J000218	J000218	MACK	2201080	P207369	STMC	2236206001	M100016	HRCN
	J034673	WLKR	217149	M090544	HSTR	2191J008681	J008681	MACK	22016	P206344	LEAR	2236206186	J190002	HRCN
2153650	J034674	STMC	21722	M045237	WLKR	2191J009605	J009605	MACK		P206344	FLTR	2236206238	J009648	HRCN
	J034674	WLKR	21723	M065071	WLKR	2191J038612	J038612	MACK		P206344	FILTER	2236209022	P207333	HRCN
21540	M065065	WLKR	217326	M090544	RYGO	2191J090003	J190003	MACK	22029	P206555	MOGU	2236408	M100048	FMC
21578	M060037	WLKR	21745	M065065	WLKR	2191KX004476	X004476	MACK	22046	P207339	LEVN	2236410	X004482	FMC
21579	M065030	WLKR	2177	P206546	NAPA	2191KX004478	X004478	MACK	22056	P206286	WLKR	22367007	M085056	IR
21580	M070068	WLKR	2178014	P207364	STMC	2191KX004480	X004480	MACK	220817	M085023	DRDT	22373179	M101170	IR
21581	M070069	WLKR	2180003	P207335	STMC	2191KX004482	X004482	MACK	220847	P270532	SLIC	22376255	M090158	IR
21582	M080024	WLKR	2180004	P207333	STMC	2191KX004484	X004484	MACK	220861	M001505	DLTC	22381	M120131	WLKR
21584	M090091	WLKR	2180040	P207333	STMC	2191KX004536	X004536	MACK	2210112	P207415	STMC	22382550	M060482	IR
2160001	P206279	STMC	2180049	P207335	STMC	2191KX004537	X004537	MACK	2210126	P206927	STMC	22391	M090548	WLKR
2160004	P207350	STMC	2180054	P216172	STMC	2191KX004539	X004539	MACK	2210131	P206302	STMC	22395867	M120750	IR
2160048	P206279	STMC	2180058	P206341	STMC	2191M080018	M080018	MACK	2210141	P206303	STMC	22400	P206336	DFLX
2160053	P207350	STMC	2180062	P206343	STMC	2191M080024	M080024	MACK	2210148	P206304	STMC	22400AZ	P206336	DFLX
2160056	P206280	STMC	2180064	P206345	STMC	2191M085171	M085171	MACK	2210154	P207298	WLKR	22400S	P224686	DFLX
2160065	P206281	STMC	2180067	P206348	STMC	2191M090072	M090072	MACK		P207298	STMC	2240164	P208388	STMC
2160070	P206282	STMC	2180075	P206340	STMC	2191M090091	M090091	MACK	2210695	P206301	STMC	2240176	P208358	STMC
2160074	J190025	STMC	2180079	P206342	STMC	2191M090535	M090535	MACK	2210696	P206303	STMC	2240463	P208374	STMC
2160506	P207359	STMC	2180081	P206344	STMC	2191M090544	M090544	MACK	2210697	P206304	STMC	2240470	P206383	STMC
2161012	P206286	STMC	2180084	P206347	STMC	2191M090594	M090594	MACK	2210698	P207298	STMC	224063	P270539	FMC
2161126	P206280	STMC	2180096	P207338	STMC	2191M090595	M090595	MACK	221303	M045123	KSHA	2240678	P208388	STMC
2161127	P206281	STMC	2180381	P207339	STMC	2191M100052	M100052	MACK	221322	M090158	DRDT	2240880	P208394	STMC
2161128	P206282	STMC	2180488	J008681	STMC	2191M100465	M100465	MACK	22139455	M122300	IR	2240882	J024748	STMC
2161129	J190025	STMC		P206344	CRMY	2191M100580	M100580	MACK	22139544	M122300	IR	2240883	J024750	STMC
2161144	P207346	STMC	2180508	P207341	STMC	2191M100582	M100582	MACK	22139555	M122300	IR	22436794	P207285	IR
2161146	J190023	STMC	2181002	P207345	STMC	2191M101158	M101158	MACK	221499	M100049	DRDT	2244018	P208386	WLKR
2161147	J190027	STMC	2181003	P206353	STMC	2191M120382	M120382	MACK	22163	P216200	WLKR	22445	M060480	WLKR
2161153	J190023	STMC	2181006	P207346	STMC	2191MFM090544	M090544	MACK	22167	P216204	WLKR	22449	M090534	WLKR
2161154	J190025	STMC	2181007	P206354	STMC	2191MPM090535	M090535	MACK	22168	P208359	WLKR	22452	M120418	WLKR
2161155	P207359	STMC	2181124	P207340	STMC	2191MPM100463	M100463	MACK	22169	P208375	WLKR	22453039	P206327	IR
2161158	P206283	STMC	2181125	P206341	STMC	2191P206282	P206282	MACK	221694	M060232	DRDT	22453047	P206328	IR
21627	P206341	KUTK	2181126	P206343	STMC	2191P206283	P206283	MACK	2218000	P207559	STMC	22453625	M110479	IR
2169001	M085056	VMER	2181127	P206345	STMC	2191P206318	P206318	MACK	2220111	P206306	STMC	22456172	M120235	IR
21690011	M085056	VMER	2181128	P206348	STMC	2191P206333	P206333	MACK	2220119	P206308	STMC	22456198	J190003	IRCR
216931	M060055	DRDT	2181129	P206340	STMC	2191P206336	P206336	MACK	2220122	P206927	STMC		J190003	TKNG
2170003	P207322	STMC	2181130	P206342	STMC	2191P206344	P206344	MACK	2220124	P206309	STMC		J190003	IR
2170005	P207324	STMC	2181131	P206344	STMC	2191P206347	P206347	MACK	2220130	P206310	STMC	22456701	P206521	IR
2170006	P207325	STMC	2181132	P206347	STMC	2191P206375	P206375	MACK	2220133	P206311	STMC	224620	M090210	DRDT
2170067	P206348	STMC	2181153	P207341	WLKR	2191P206400	P206400	MACK	2220136	P208392	STMC	2246593	M110189	CAT
2170147	P207322	STMC	2181154	P207339	STMC	2191P206410	P206410	MACK	2220967	P208386	STMC	2247830	H001279	FMC
2170151	P216174	STMC	2181182	P206344	STMC	2191P206615	P206615	MACK	2220979	P206310	STMC	22500	P206337	DFLX
2170156	P207324	STMC	2181183	P206340	STMC	2191P207339	P207339	MACK	2220981	P206311	STMC	2250006	P206612	WLKR
2170160	P207325	STMC	2181185	P206344	STMC	2191P207408	P207408	MACK	2220982	P208338	STMC	225002	M090535	RIMP
2170166	J190013	STMC	2181186	P206344	STMC	2191P207414	P207414	MACK	2220984	P206309	STMC	22500AZ	P206337	DFLX
2170171	P207328	STMC	2181187	P206341	STMC	2191P207596	P207596	MACK	2220985	P208358	STMC	22500S	P224687	DFLX
2170174	P207329	STMC	2181191	P206347	STMC	2191P208394	P208394	MACK	2220989	P208392	STMC	225010	P206542	RIMP
2170179	P206349	STMC	2181194	P207339	STMC	2191P216197	P216197	MACK	22214	M090547	WLKR	225012	M090074	RIMP
2170182	P207326	STMC	2181195	P206350	STMC	2191P270541	P270541	MACK	22231	M090563	WLKR	2250190	P207568	STMC
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2170194	P206346	STMC	2181201	P206340	STMC	2191X004482	X004482	MACK	22250	P206333	DFLX	2250207	P207566	STMC
2170203	P207331	STMC	2181202	P206342	STMC	21923	M120154	WLKR	22254965	P207341	IRCR	225021	M100465	RIMP
										P207341	IR			

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225029	M170101	RIMP	22771	M090595	WLKR	2297136	M080018	FMC	2306635	M085172	GM	2380910	P207317	STMC	
225039	M122300	RIMP	22774	M100016	WLKR	2297365	M120225	MRTZ	230848	M060232	DRDT	2380911	P207300	STMC	
225043	M100463	RIMP	22775	M100572	WLKR	2297959	P206407	FMC	2310254	P206547	STMC	2380912	J240024	STMC	
225048	M100463	RIMP	22786	M120135	WLKR	2298016	J009631	STMC	23162	M100049	HAVA	238744001	M100048	VMER	
2250943	P207566	STMC	22789	M110012	WLKR	2298024	J009636	STMC	2320002	P206300	STMC	2387440011	M100048	VMER	
2250944	P207620	STMC	22808	M085008	WLKR	2298026	J009644	STMC	23207269	M170101	IR	2388025	P206410	TYLR	
2251095	P207619	STMC	2280806	J000127	STMC	2298036	J009637	STMC	2320939	P205979	STMC	238884	P207324	KSHA	
2251096	P207581	STMC	22809	M090544	WLKR	2298037	P207354	STMC	2320940	P205976	STMC	2390713	J000227	WLKR	
2251097	P207620	STMC	22823	M090535	WLKR	2298038	J009645	STMC	2320941	P206299	STMC		J000227	STMC	
2251098	P207582	STMC	22828	M090544	WLKR	22984056	M090538	KOEK	2321070	M065065	CLRK	2390714	J000228	WLKR	
2251254	P207567	WLKR	22829	M090535	WLKR	22991	M111029	WLKR		M065065	TREX		P206601	STMC	
	P207567	STMC	22833	M120365	WLKR	22H0492	M080024	LKBT	2323080	M085407	MRBR	2390715	J000230	STMC	
2251259	J009393	STMC	22834	M090544	WLKR		M080024	FMC	23275	P206409	TMPO	2390716	J000232	STMC	
2251261	P207581	STMC	22835	M100464	WLKR	22H0644	P207332	LKBT	23374	M090210	TMPO	2390728	J000233	STMC	
2251262	P207567	STMC	228355	M090544	HSTR	2300010669	M120108	UPTI	2339654	M065034	FMC		J000233	WLKR	
2251264	P207581	STMC	22836	M100582	WLKR	230010002	M090544	VLVO	23400	P206299	HDMI	2390850	P206525	TYLE	
2251265	P207568	STMC	22837	P206388	WLKR		M090544	WGMC	23419686	M065065	DD	2391621	P207282	TYLE	
2251275	P207581	STMC	22838	P206389	WLKR	230010003	M100464	WGMC	23423601	M080024	PETB	2392079	P206382	TYLE	
	P207581	WLKR	22843	M120197	WLKR	230010004	M090535	VLVO	23426	P206546	HAVA	2393084	M065065	CAT	
2251277	P207568	WLKR	22844	M090146	WLKR	230010005	M090544	VLVO	2345	P206280	XAIR	2393341	P206508	TYLE	
2251279	P207581	WLKR	22845	P206386	WLKR		M090544	WGMC	2345PE	P207351	XAIR	2398713	J000227	WLKR	
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22572	M090594	WLKR	22851	M100463	WLKR		M100464	VLVO	234A1414	J000127	AP	2398715	J000230	WLKR	
22583	M065065	WLKR	22856	P216228	WLKR		M100464	UPTI	234C1016	J000127	AP		J000230	STMC	
22600	P206338	DFLX	22863	P208389	WLKR	230010011	M100463	VLVO		J000127	DFLX	2398716	J000232	WLKR	
22600AZ	P206338	DFLX	22864	P208395	WLKR	230010021	M120365	WGMC	23500	P206299	HDMI		J000232	STMC	
22604	M090547	WLKR	22866	M085172	WLKR		M120365	WSTI	235024	P208336	HDMI	23991	M060005	KOEK	
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2261697	M065065	FMC	22882	P207320	WLKR	230010027	M120100	WGMC	235040011	X004482	VLVO		M070068	CLRK	
22628	M065034	WLKR	22885	P207321	WLKR		M120100	VLVO	235043430	X009076	WSTI	240001	P206544	AP	
22630	M070008	WLKR	22888	M110189	WLKR	230010047	M100463	WGMC		X009076	FRTL	240003	J240003	AP	
22632	M090158	WLKR	22891	P216202	WLKR		M100463	VLVO	235043814	X007785	WSTI	240004	J240004	AP	
22633	M090170	WLKR	22892	P207299	WLKR	230010051	M120197	WGMC		X007785	VLVO	240005	J240005	AP	
22634	M100146	WLKR	22894	P207300	WLKR	230010052	M100464	WGMC	235043815	X007784	VLVO	240006	J240006	AP	
22636	M085056	WLKR	22896	M090781	WLKR	230010054	M120365	VLVO	235048	P206377	HDMI	240007	J240007	AP	
22637	M085207	WLKR	22897	M110189	WLKR		M120365	WGMC	235048A	P206377	HDMI	240012	J240012	AP	
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22665	M120367	WLKR	22902	P207302	WLKR	230010064	M100465	VLVO		P210110	DD	240018	P207297	HDMI	
22691640	M100463	KTSU	2290220	P206397	STMC	230010066	M100043	VLVO	23507611	X006202	ALSN	240018CP	P208385	HDMI	
	M100463	DMAG	2290221	P207364	STMC	230010069	M120108	VLVO		X006202	DD	24001965	P270541	CMI	
	M100463	MH	2290224	P206398	STMC		M120108	UPTI	23507616	P206403	ALSN	240024	J240012	HDMI	
2269681	M060232	FMC	2290227	P206399	STMC	230010070	M100465	VLVO		P206403	DD		J240024	AP	
2270257	P207281	STMC	2290229	P206400	STMC	230010072	M120100	WGMC	23507629	P213191	DD	240024A	J240012	HDMI	
2270260	P207282	STMC	2290230	J009635	STMC	230010073	M090544	VLVO		P213191	ALSN	240048	P207295	HDMI	
2270271	P207283	STMC	2290231	J009639	STMC	230010077	M120365	VLVO	2351588	M065030	CLRK	240048A	P206378	HDMI	
2270542	J024737	STMC	2290232	J009641	STMC	230010078	M100582	VLVO		M065030	CLJL	240048CP	P206388	HDMI	
2270544	P216191	STMC	2290232	J009641	STMC	230010081	M100580	VLVO		M065030	VME	240060	P207290	HDMI	
2270547	J024735	STMC	2290660	P207361	STMC	230010084	M100582	MACK	23519686	M065065	ALSN	240060CP	P206390	HDMI	
2270551	J024739	STMC	22907	M122300	WLKR		M100582	VLVO		M065065	DD	240065	P208358	TESSI	
2270565	P208324	STMC	22909055	P206350	IRCR	230013215	M100582	VLVO	235200015	X007784	UPTI	240072	J640001	HDMI	
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2270573	P208348	STMC	2291361	M085008	MRTZ	230013409	M100463	VLVO	23570001	M085056	RYGO	2400749	P207282	STMC	
2270574	P208380	STMC	22915	M100213	WLKR	230013410	M100465	VLVO	23570002	M070008	RYGO	240083	P208350	TESSI	
2270577	P207285	STMC	22916	M100466	WLKR	230013411	M100465	VLVO	23570014	M090280	RYGO	2400860	J009648	STMC	
2270578	P207287	STMC	22917	M120235	WLKR	230013417	M100463	VLVO	23570016	M060055	RYGO	2400865	J009650	STMC	
2270579	P216197	STMC	22920	M100465	WLKR	230013420	M100465	VLVO	23570018	M090170	RYGO	240103	J014621	TESSI	
2270585	P207286	STMC	22924	M100465	WLKR		M100465	WSTI	23570031	M090301	RYGO	240114	P224699	TESSI	
2270586	P207292	STMC	22925	M100465	WLKR	230013428	M085171	WSTI	2362507	M002120	CAT	240118A	P224696	HDMI	
2270590	P207288	STMC	22936	M090544	WLKR	230013441	M100582	WSTI	23641	P270538	CRMY	240136CP	P224698	HDMI	
2270598	P207289	STMC	22937	M100695	WLKR	230013455	M100463	WSTI	23642	P270539	CRMY	240224	M100146	SLAR	
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2270952	P206376	STMC	22940	M090074	WLKR	230013474	M101182	FRTL	237010001	M090091	VLVO	2403031	M085023	TYLR	
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2270962	P208393	STMC	22965	M090544	WLKR	230024	P208328	HDMI	237779A1	P206369	CASE	2403036	M090009	TYLR	
22766	M060247	WLKR	2296531	P206344	TYLE	230024A	P208328	HDMI	2380904	P207314	STMC	2403037	M120100	TYLR	
22767	M085090	WLKR	2296533	P206345	TYLE	230036	P206376	HDMI	2380906	P224628	STMC	2403039	M090538	TYLR	
22769	M045193	WLKR	2296557	J008681	TYLE	230036A	P206376	HDMI	2380908	P207299	STMC	2403044	M090210	TYLR	
22770	M065044	WLKR	22966	M100695	WLKR	230048	P206376	HDMI	2380909	J340023	STMC				
			2296712	P206543	TYLE	230048A	P206376	HDMI							

Cross Reference

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
2403046	M090159	TYLR	2430036AZ	P208324	DFLX	2450048	P207292	DFLX	24751	J024751	AP	2500021	J009612	WLKR
2403049	M090535	TYLR	2430048	P207285	DFLX	2450048AZ	P207292	DFLX	24754	J024754	TRUX	2500022	P222018	WLKR
2403052	M090146	TYLR	2430048AZ	P207285	DFLX	2450048CP	P207317	DFLX		J024754	AP		P222018	STMC
2403054	M100464	TYLR	2430048CP	P207314	DFLX	2450060	P207289	DFLX	24755	J024755	AP	2500023	J009612	WLKR
2403057	M070069	TYLR	2430263	P207347	STMC	2450060AZ	P207289	DFLX		J024755	TRUX	250004198	P206405	VANAI
2403076	M120365	TYLR	2430273	P207349	STMC	2450060CP	P207300	DFLX	24757	J024757	AP	250007741	M080024	SLAR
2403077	M120197	TYLR	2430277	P207350	STMC	2450724	P206333	STMC	24758	J024758	AP	250009843	X004539	SLAR
2403144	M100465	TYLR	2430278	P207351	STMC	2450726	P206334	STMC	248280	M090301	SLAR	250010865	M120131	SLAR
2403151	M090544	TYLR	2430283	P207352	STMC	2450727	P206334	STMC	2482970	M090544	GM	250024779	M100016	SLAR
2403184	M085207	TYLR	2430286	P207353	STMC	2450728	P206335	STMC	2482972	M100048	GM	250024780	P270543	SLAR
2403359	M085078	TYLR	2430301	P207354	STMC	2450729	P206336	STMC	248337	J009649	ALSY	2500242CP	P224589	HDMI
2403518	M100572	TYLR	2430492	P207353	STMC	2460048	P216197	DFLX		J009649	FRAM	250030884	M100146	SLAR
2403666	P206614	TYLE	2430493	P207354	STMC	2460048AZ	P216197	DFLX	24835	J024835	TRUX	2500355	P206405	DMT
2403714	P207419	TYLR	2430613	P216169	STMC	24609	P206547	HAVA		J024835	AP		P206405	SYNER
2403783	M065073	TYLR	2430614	P207353	STMC	24658	P206547	TRUX	24836	J024836	TRUX	2500357	P206407	DMT
2404031	M085023	TYLR	2430618	P207354	STMC	24672	P206305	AP		J024836	TRUX		P206407	SYNER
240806	M080024	SLAR	2430621	P216169	STMC	24676	P206552	TRUX	24837	J024837	AP	2500361	P206411	DMT
241260	X004484	SLAR	24344	P206309	TRUX	24677	P206554	TRUX		J024837	TRUX		P206411	SYNER
241415	X004482	SLAR	24345	P206310	TRUX	24678	P206555	TRUX	2483764	M100048	GM	2500362	P207667	DMT
2419264	X007784	CAT	24347	P206312	TRUX	24697	P207419	GOE	24838	J024838	AP		P207667	SYNER
2419265	X007785	CAT	24347	P206312	AP	24697Q	P207419	AP		J024838	TRUX	250048	P206379	HDMI
241970	P226144	SLAR	24346	J024748	TRUX	24708	P208328	AP	24850	J024850	AP	250048A	P206379	HDMI
242029	X004480	SLAR	24347	P206312	TRUX	24709	P208336	AP		J024850	TRUX	250048CP	P206389	HDMI
24205	P206301	TRUX	24347	P206312	AP	24710	P207281	AP	2485787	M085023	GM	250060	P208393	HDMI
2421143	J014623	STMC	2435018	P207281	DFLX	24711	P207282	TRUX	2488074	M065065	GM	250060A	P208393	HDMI
2421144	P207309	STMC	2435018AZ	P207281	DFLX	24712	P207282	AP	2488076	M085023	GM	250060CP	P206391	HDMI
2421281	P206384	STMC	2435024	J024735	DFLX	24713	P207283	TRUX	248888	M085056	FMCO	2500638	P206604	STMC
2421282	P207308	STMC	2435036	P208348	DFLX	24714	P207283	AP	24908	M080018	WILM	2500639	J009613	STMC
2421283	P206385	STMC	2435036AZ	P208348	DFLX	24715	P207283	TRUX		M080018	AGEM	2500640	P206606	STMC
2421285	P216200	STMC	2435048	P207286	DFLX	24716	P207283	AP	24921330	M085023	GRDL	2500900	P206604	STMC
2421286	P216200	WLKR	2435048AZ	P207286	DFLX	24717	P207283	TRUX		M085023	WRNR	2500901	P206605	STMC
2421286	P208359	STMC	24400	P205976	HDMI	24718	P208392	TRUX	24938	P224633	TRUX	2500930	J009612	STMC
2421287	J034746	STMC	2440001	P207411	STMC	24719	P208330	AP	24939	P208338	TRUX	2500931	P206607	STMC
2421288	P208375	STMC	2440018	P207282	DFLX	24720	P208338	AP	24941	P216191	TRUX	2500970	P213191	STMC
2421289	P216204	STMC	2440024	J024737	DFLX	24721	P206384	AP	24941	P216191	TRUX	2500970	P213191	STMC
2421291	P207319	STMC	2440024R91	M085008	NAVI	24722	P206385	AP	24941	P216191	TRUX	25011017	P210110	STMC
2421292	P206386	STMC	2440036	P208364	DFLX	24723	P206385	AP	24941	P216191	TRUX	2501102	P270543	SYNER
2421293	P207320	STMC	2440036AZ	P208364	DFLX	24724	P206385	AP	24941	P216191	TRUX	2501153	P206341	SYNER
2421294	P206387	STMC	2440048	P207287	DFLX	24725	P206385	AP	24941	P216191	TRUX		P206341	DMT
2421295	P207321	STMC	2440048AZ	P207287	DFLX	24726	P206385	AP	24941	P216191	TRUX	2501164	P206340	DMT
2421296	P208389	STMC	2440060	P207288	DFLX	24727	P206385	AP	24941	P216191	TRUX		P206340	SYNER
2421297	P207301	STMC	2440060AZ	P207288	DFLX	24728	P206385	AP	24941	P216191	TRUX	250118CP	P224703	HDMI
2421298	P208395	STMC	2440060CP	P207299	DFLX	24729	P206385	AP	24941	P216191	TRUX	250136CP	P216227	HDMI
2421299	P207302	STMC	244007R91	M085023	NAVI	24730	P206385	AP	24941	P216191	TRUX	250148CP	P216228	HDMI
2421300	J640005	STMC	2440191	P206367	STMC	24731	P206385	AP	24941	P216191	TRUX	250160CP	J540008	HDMI
2421301	P216202	STMC	2440192	P206368	STMC	24732	P206385	AP	24941	P216191	TRUX	2501710	M090538	CLRK
2421302	P224600	STMC	2440200	P206369	STMC	24733	P206385	AP	24941	P216191	TRUX	250172CP	P224609	HDMI
2421303	P216205	STMC	2440204	P206370	STMC	24734	P206385	AP	24941	P216191	TRUX	2501775	P206301	DIND
2421305	P224635	STMC	2440602	P207414	STMC	24735	P206385	AP	24941	P216191	TRUX	2501787	P207397	DIND
2421307	P224638	STMC	2440753	P207411	STMC	24736	P206385	AP	24941	P216191	TRUX	2501803	M090170	VLVO
2421308	P209913	STMC	2440754	P206366	STMC	24737	P206385	AP	24941	P216191	TRUX		M090170	CLRK
2421310	P209912	STMC	2440755	P206369	STMC	24738	P206385	AP	24941	P216191	TRUX	2503736	M060480	DIND
2421311	P209910	STMC	2440756	P206370	STMC	24739	P206385	AP	24941	P216191	TRUX	2503737	P206306	DIND
2421317	P224636	STMC	2440758	P207413	STMC	24740	P206385	AP	24941	P216191	TRUX	2503776	M060158	DIND
2421402	J024749	STMC	2440762	P206367	STMC	24741	P206385	AP	24941	P216191	TRUX	2503777	M002117	DIND
2421403	J024757	STMC	2440763	P206368	STMC	24742	P206385	AP	24941	P216191	TRUX	25048810	M090074	MACK
2421404	J024751	STMC	2444889	M065065	GM	24743	P206385	AP	24941	P216191	TRUX	2505781	X004484	PNJK
2421405	J024758	STMC	244511	P206282	XAIR	24744	P206385	AP	24941	P216191	TRUX	25069983	M100043	MACK
242367	M120225	SLAR	2445PE	P207353	XAIR	24745	P206385	AP	24941	P216191	TRUX	2508001	J009614	STMC
2423714	M085023	GM	2446593	M110028	CAT	24746	P206385	AP	24941	P216191	TRUX	25084209	M085171	MACK
2426018	P207559	STMC	244951001	X007824	VMER	24747	P206385	AP	24941	P216191	TRUX	25092	M001327	CRMY
24270004	M060037	SCRM	244951001H	X007824	VMER	24748	P206385	AP	24941	P216191	TRUX	2509461	M100146	JJI
24270006	M100016	SCRM	24500	P206300	HDMI	24749	P206385	AP	24941	P216191	TRUX		M100146	PNJK
2427177	M065065	GM	2450001	P206331	STMC	24750	P206385	AP	24941	P216191	TRUX	2510883	M090210	CLRK
2427277	M085023	GM	2450003	P206333	STMC	24751	P206385	AP	24941	P216191	TRUX		M090159	ECLD
2428242	M065065	GM	2450004	J000127	STMC	24752	P206385	AP	24941	P216191	TRUX	2511251	M085090	PNJK
2430001	P207349	STMC	2450018	P207283	DFLX	24753	P206385	AP	24941	P216191	TRUX	25114233	X004480	BNTA
2430002	P207347	STMC	2450018AZ	P207283	DFLX	24754	P206385	AP	24941	P216191	TRUX	251210	M090072	CUMS
2430004	P207350	STMC	2450024	J024739	DFLX	24755	P206385	AP	24941	P216191	TRUX	251211	M090074	CUMS
2430024	P216191	DFLX	2450024AZ	J024739	DFLX	24756	P206385	AP	24941	P216191	TRUX	2512224	M170101	VLVO
2430024AZ	P216191	DFLX	2450036	P208380	DFLX	24757	P206385	AP	24941	P216191	TRUX	2513322	X004484	ECLD
2430036	P208324	DFLX	2450036AZ	P208380	DFLX	24758	P206385	AP	24941	P216191	TRUX	251601	X004539	MOXY
						24759	P206385	AP	24941	P216191	TRUX	25175546	J190059	AMC
						24760	P206385	AP	24941	P216191	TRUX		J190059	XNMN
						24761	P206385	AP	24941	P216191	TRUX			
						24762	P206385	AP	24941	P216191	TRUX			
						24763	P206385	AP	24941	P216191	TRUX			
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						24765	P206385	AP	24941	P216191	TRUX			
						24766	P206385							

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
251765.....	P206607MOXY	254621001.....	J000206VMER	2585747C1.....	X006203NAVI	2621060.....	M065030STMC	2681527.....	J190059WLKR
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2519859.....	M120189CLRK	2550001.....	P207394STMC	25971800.....	P270534JCB		M070068STGR	2681530.....	J190060STMC
	M120189TRES	2550002.....	P206321STMC	25EST.....	J000211ACFT	2621062.....	M070069STMC	2681535.....	J190061STMC
2520560.....	M070068VME	2550003.....	P207402STMC	25H0218.....	M120154LBX		M070069STGR	2681540.....	J009623STMC
	M070068ECLD	2550005.....	J008942STMC	25P20012.....	P206306DFLX	2621063.....	M080024STGR		J009623WSTI
2520844.....	P206388STMC	2550018AZ.....	P207298DFLX	25P25012.....	P206308DFLX		M080024STMC	2681545.....	J190062STMC
2520845.....	P206390STMC	2550018CP.....	P207309DFLX	25P30012.....	P206309DFLX	2621064.....	M090091STGR	2681550.....	J009624STMC
2520847.....	P206389STMC	2550024.....	J024747DFLX	25P30012AZ.....	P206309DFLX		M090091STMC	2681560.....	J190063STMC
2520848.....	P206391STMC	2550024CP.....	J024758DFLX	25P30024.....	P208330DFLX	2621065.....	M100016STMC	2681830.....	X007833STMC
252293.....	M065034FRAM	2550048.....	P207296DFLX	25P30024AZ.....	P208330DFLX	262190.....	P208366VANAIR	2681835.....	X007834STMC
	M065034ALSY	2550048AZ.....	P207296DFLX	25P30048.....	P206380DFLX	2622015.....	M060038STMC	2681840.....	X007824STMC
252317.....	P206410EMSN	2550048CP.....	P207321DFLX	25P30048AZ.....	P206380DFLX	2622020.....	M060037STMC	2681850.....	X007805STMC
2527050.....	M120108VLVO	2550060CP.....	P207302DFLX	25P30048CP.....	P207312DFLX	2622025.....	M065030STMC	2681925.....	X007829STMC
2528407.....	M090159ECLD	2550072CP.....	P216205DFLX	25P35012.....	P206310DFLX	2622030.....	M070068STMC	2681927.....	X004538STMC
	M090159VLVO	2550096CP.....	P209910DFLX	25P35012AZ.....	P206310DFLX	2622035.....	M070069STMC	2681930.....	X007830STMC
2530012.....	P206302DFLX	2550145.....	P207389STMC	25P35024.....	P208338DFLX	2622040.....	M080024STMC	2681935.....	X007831STMC
2530012AZ.....	P206302DFLX	2550152.....	P206324STMC	25P35024AZ.....	P208338DFLX	2622050.....	M090091STMC	2681940.....	X007784STMC
2530036.....	P208326DFLX	2550157.....	P206325STMC	25P35048.....	P206381DFLX	2622060.....	M100016STMC	2681950.....	X007785STMC
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2530048CP.....	P207318DFLX	2550898.....	P207386STMC	25P40018AZ.....	P208386DFLX		M065030NH	2682435.....	X004480STMC
2530189.....	P207295STMC	2550902.....	P207402STMC	25P40018CP.....	P206384DFLX	264387001.....	M045193VMER	2682450.....	X004484STMC
2530193.....	P208350WLKR	2550903.....	P206324STMC	25P40024.....	J024748DFLX	265445.....	M060037NH	2682460.....	X004539STMC
	P208350STMC	2550929.....	M120100CHLR	25P40024CP.....	J024749DFLX		M060037FMCO	2682840.....	P222748STMC
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253026.....	P226140XAIR	25530140.....	M085078DMAG	25P40036AZ.....	P208358DFLX	26623.....	M080024FMCO	2682845.....	P222749STMC
2530468.....	P207296STMC		M085078MH	25P40036CP.....	P208359DFLX		M080024VSTL	2682850.....	P222750STMC
2530894.....	P207290STMC		M085078KTSU	25P40048.....	P206382DFLX	26624.....	M090091FMCO	2682940.....	X004482STMC
2530976.....	J024746STMC	25530240.....	P206309KTSU	25P40048AZ.....	P206382DFLX		M090091VSTL	2682950.....	P222759STMC
2530977.....	J024747STMC	25530340.....	P206407KTSU	25P40048CP.....	P206386DFLX	2672155.....	M065065FMC	2682960.....	X004539STMC
2531093.....	P208350STMC	2554030.....	P206326STMC	25P40060.....	P208388DFLX	2672157.....	M085008FMC	2683331000.....	M170101PRLP
2531311.....	M120189VLVO	25558740.....	M085056MH	25P40060AZ.....	P208388DFLX	2672158.....	M085023PRLP	26834.....	P207282CRMY
253191.....	P207036KOHL		M085056DMAG	25P40060CP.....	P208389DFLX		M085023FMC	2683520.....	J000210STMC
253237.....	M085090KOHL		M085056KTSU	25P4006CP.....	P209913DFLX	2672159.....	M100048FMC	2683522.....	J000212STMC
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2535036.....	P208350DFLX	255LL21.....	P206328SPRT	25P50024.....	J024750DFLX	2680001.....	X004536STMC	2683535.....	X000215STMC
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2535072.....	P224709STMC	2560036.....	P216206DFLX	25P50036CP.....	P208375DFLX		X004476STMC	2683560.....	J000218STMC
253526.....	P226154XAIR	256017C91.....	M100052NAVI	25P50048.....	P206383DFLX	2680004.....	X004538WLKR	2683630.....	J000214WLKR
25358571.....	M060037IR	2560635.....	P206362STMC	25P50048AZ.....	P206383DFLX		X004538STMC		J000214STMC
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	P216206STMC	2560637.....	P206364STMC	25P50060.....	P208394DFLX	2680006.....	X004480WLKR		J000215WLKR
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253990.....	P2070539KOHL	2570199.....	P206617STMC	25P50060CP.....	P208395DFLX	2680007.....	X004482WLKR		J000216STMC
2540012.....	P206304DFLX	2580994.....	P206641STMC	25P50072.....	P224600DFLX		X004482STMC	2683650.....	J000217WLKR
2540012CP.....	J014623DFLX	2581172.....	P206334STMC	25P50096CP.....	P209912DFLX	2680008.....	X004484WLKR		J000217STMC
2540018.....	P207297DFLX	2585714C1.....	J000216NAVI	25P60024AZ.....	P207419DFLX		X004484STMC	2683660.....	J000218WLKR
2540018AZ.....	P207282DFLX	2585715C1.....	J000217NAVI	25PLS.....	J190058ACFT	2680009.....	X004539WLKR		J000218STMC
2540018CP.....	P207308DFLX	2585716C1.....	J009605NAVI	25T1520.....	M080018PH		X004539STMC	2684040.....	J000202WLKR
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2540036.....	P208366DFLX	2585719C1.....	J009623NAVI	2602023.....	P206411GEDY	2681150.....	X006202WLKR		J000203STMC
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2540036CP.....	J034746DFLX	2585720C1.....	J009624NAVI		P206555TDYN	2681430.....	J009604STMC	2686840.....	P222748STMC
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2540048AZ.....	P207295DFLX	2585724C1.....	M090535NAVI		X007785GEDY	2681440.....	J009606STMC	2690019.....	M170101PRLP
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2540072CP.....	P216202DFLX	2585728C1.....	M100695NAVI	261315.....	P270539SLAR		J190055STMC	26905067.....	P206338VMER
254026.....	P226155XAIR	2585729C1.....	M110189NAVI		P270539VANAIR	2681520.....	J190056STMC	26950940.....	P206350DMAG
25404.....	P206617HDMI	2585735C1.....	P206410NAVI	2614907B.....	M045237BORG		J190056WLKR		P206350MH
2545814.....	P206283XAIR	2585736C1.....	P206411NAVI	2615509.....	M001867CAT	2681522.....	J190057STMC		P206350KTSU
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			2585746C1.....	X006202NAVI	2621059.....	M060037STMC	2681525.....	J190058WLKR		P207419MH
										J190058STMC		P207419DMAG

Cross Reference

(See the first page of this section for the Manufacturer's Code Listing)



CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
26951140	P207596	KTSU	27404	P206616	HDMI	27Z378	M085023	PH	28H1012	M120225	LKBT	29323094	M065074	MRBR
	P207596	MH	2744636	M002122	CAT	27Z393	M120100	PH		M120225	FMC	29323095	M122300	MRBR
	P207596	DMAG	27450Z	P270540	DFLX		M120100	CTRY	28H448	M070069	FMC	29323304	P270530	MRBR
2695850	X007805	STMC	2745180	H001032	CLRK	27Z438	M085056	PH	28R15	M100464	BABR	29323305	P270531	MRBR
26S12	X004480	BABR	2745578M1	M070069	MF		M085056	CTRY	290109040	X004482	PCFE	29323306	P270532	MRBR
2700608	P270534	DIND	274578M1	M070069	MF	27Z459013	M090072	PH	290109050	X004484	PCFE	29323307	P270533	MRBR
2700747	P270532	FEDR		M070069	AGCO	27Z53206	M080024	PH	29035	X005207	WLKR	29323308	P270534	MRBR
	P270532	DIA	274650	P270543	KOHL	27Z641	M065065	PH	29038	P206543	WLKR	29323310	P270536	MRBR
	P270532	DIND	27500CP	P270838	DFLX	27Z651	M120154	TREX	29041	P206543	WLKR	29323311	P270538	MRBR
2703272	J008681	DIND	27500Z	P270541	DFLX		M120154	PH	29042	P206540	WLKR	29323312	P270539	MRBR
27039	H001034	CRMY	27550Z	P270542	DFLX		M120154	CTRY	29043	J009429	WLKR	29323313	P270540	MRBR
2704	M085023	GOE	27600CP	P271511	DFLX	27Z738D2	X004478	CTRY	29044	J009429	WLKR	29323314	P270541	MRBR
	M085023	APE	27600Z	P270543	DFLX		X004478	TREX	29045	P206543	WLKR	29323316	P270543	MRBR
	M085023	TRUX	276254	P270532	KOHL	27Z738D4	X004482	CTRY	29051	J009429	WLKR	29323464	J000227	MRBR
	M085023	AP	277177C91	M090534	NAVI		X004482	PH	29053	J009429	WLKR	29323467	J000228	MRBR
2704Q	M085023	AP	277494001	J009636	VMER	27Z738D5	X004484	CTRY	29059	J009429	WLKR	29323469	J000230	MRBR
2705036	P216227	STMC	27824	H001039	URIG		X004484	PH	2907822	M100048	CHLR	29323663	P206322	MRBR
2705048	P216228	STMC	2797478	M065073	CLRK	27Z739	M090170	PH		M100048	CLRK	29323665	J009648	MRBR
2705060	J540008	STMC	27EST	J000213	ACFT	27Z799	M085078	CTRY	2909336	M090544	CHLR	29323666	J190046	MRBR
27055	P207368	XAIR	27PLS	J190059	ACFT		M085023	PH	29101	P206384	WLKR	29323731	P270534	MRBR
27065940	P206411	MH	27Q160	M120365	CTRY	27Z948D1	M120365	PH	29102	P206385	WLKR	29323757	P206324	MRBR
	P206411	DMAG	27Q206	M100464	PH	280082	P205976	TESSI	29105	P216169	WLKR	29323761	P206325	MRBR
	P206411	KTSU	27Q224	M100146	PH	2804158	P206408	VLVO	29107	P206375	WLKR	29323762	P206326	MRBR
27076530	M090538	VLVO		M100146	CTRY	28136620	X006203	AJMC	29108	J190004	WLKR	29323765	P207394	MRBR
27076531	M100464	VLVO		M100146	TREX	28136720	X006202	AJMC	29109	P207345	WLKR	29323782	J024758	MRBR
27076535	M120197	WGMC	27Q241	M090091	TREX	28137220	X004478	AJMC	29110	P206641	WLKR	29323797	P208324	MRBR
27076541	M120100	WGMC		M090091	PH	28137420	X004482	AJMC	29111	P207308	WLKR	29323799	J024737	MRBR
27076542	M120365	VLVO	27Q288D1	M120235	PH	28137520	X004484	AJMC	29112	P207309	WLKR	29323803	P206280	MRBR
27076544	M090072	WGMC		M120235	CTRY	2831025	M090544	CHLR	29113	P206285	WLKR	29323804	P207352	MRBR
27076560	X004480	VLVO	27Q334	M100048	CTRY	283249A1	M001756	CASE	2911845	M060158	MRBR	29323809	J009640	MRBR
27076626	X004476	WSTI		M100048	TREX	283389001	M100048	VMER	29121	J190019	WLKR	29323810	P207353	MRBR
	X004476	VLVO		M100048	PH	283393001	P206322	VMER	29129	P207346	WLKR	29323812	P206283	MRBR
27076627	X004478	VLVO	27Q389	M120225	PH	283395001	P206369	VMER	29200	P206286	WLKR	29323815	P207362	MRBR
270825	X004476	HSTR		M120225	CTRY	283396001	J008681	VMER	29201	J024749	WLKR	29323852	P207363	MRBR
	X004476	NACO		M120225	TREX	283397001	J009644	VMER	29202	J024751	WLKR	29323853	P207364	MRBR
270826	X004478	HSTR	27Q429	M120131	CTRY	283398001	P207330	VMER	29206	J024757	WLKR	29323856	P207363	MRBR
270827	X004480	NACO		M120131	PH	283463001	P206546	VMER	29207	J024758	WLKR	29323857	P206398	MRBR
	X004480	HSTR	27Q564	M190002	PH	283466001	P206364	VMER	29208	P224692	WLKR	29323859	P207330	MRBR
27138775	M100146	VLVO	27Q582D2	X004482	PH	283474001	P206346	VMER	29210	J009547	WLKR	29323862	P207365	MRBR
27138776	M090091	VLVO	27Q582D3	X004484	CTRY	28350A	P206313	HDMI	29211	P206353	WLKR	29323863	P207322	MRBR
27150Z	P270530	DFLX		X004484	PH	28353	P206314	HDMI	29212	J009547	WLKR	29323864	P207324	MRBR
2715120	P224707	STMC	27Q582D4	X004539	PH	28353A	P206314	HDMI	29213	J240024	WLKR	29323865	P207361	MRBR
27175Z	P270531	DFLX	27Q590	M090535	PH	28375A	P207386	HDMI	29220	P206286	WLKR	29323867	P207326	MRBR
2720002	J009560	STMC	27Q598	M090301	PH	284106	P226151	GTMN	29228324	M002121	MRBR	29323869	P207327	MRBR
2720068	J009560	WLKR	27Q600	M100146	CTRY	28430	P206315	HDMI	29228349	M101169	MRBR	29323870	P206346	MRBR
27200Z	P270532	DFLX		M100146	PH	28430A	P206315	HDMI	292289001	P270530	VMER	29323872	P206348	MRBR
2720500	J009637	STMC	27Q639	M090072	PH	28435	P206316	HDMI	29300	P224698	WLKR	29323876	P216175	MRBR
	J009637	WLKR		M090072	CTRY	28435A	P206316	HDMI	29301	P216227	WLKR	29323877	P207366	MRBR
2722400	J009640	WLKR	27Q686	M085090	PH	284428001	M090781	VMER	29304	P216200	WLKR	29323878	P207341	MRBR
27225Z	P270533	DFLX	27Q690	M140048	PH	284431001	J009518	VMER	29305	J034746	WLKR	29323881	P207333	MRBR
27250Z	P270534	DFLX	27Q695	M100213	PH	28528	J028528	AP	29306	P216204	WLKR	29323890	P206339	MRBR
27275Z	P270535	DFLX	27Q713	M090535	PH		J028528	TRUX	29307	P208359	WLKR	29323892	P206342	MRBR
2730046	P206333	STMC	27Q761D1	P206311	PH	28540	P206317	HDMI	29308	P208375	WLKR	29323893	P206342	MRBR
27300CP	P271507	DFLX	27Q7621D1	M090544	PH	28540A	P206317	HDMI	293120081	M001327	CETCO	29323894	P206344	MRBR
27300Z	P270536	DFLX	27Q762D1	M090544	PH	28650	P206318	HDMI	29321335	J000216	MRBR	29323896	J008681	MRBR
2730322	J009479	STMC	27Q82	M090210	TREX	28650A	P206318	HDMI	29323029	M060037	MRBR	29323897	P207339	MRBR
2730324	P207353	STMC		M090210	PH	28656	X004482	AGEM	29323030	M065030	MRBR	29323899	P206347	MRBR
27350CP	P271508	DFLX		M090210	CTRY		X004482	WILM	29323031	M065030	MRBR	29323901	P206309	MRBR
27350Z	P270538	DFLX	27T1520	M080018	CTRY	28658	P207297	AGEM	29323033	M070068	MRBR	29323917	P206302	MRBR
2740020	J028528	STMC		M080018	PH		P207297	WILM	29323036	M070069	MRBR	29323930	J009644	MRBR
2740070	P207332	STMC	27U126	M100463	PH	287816001	P207351	VMER	29323039	M080024	MRBR	29323932	P207335	MRBR
27400CP	P270837	DFLX	27U215	M090535	PH	287895001	P207353	VMER	29323041	M090091	MRBR	29323934	P206397	MRBR
27400Z	P270539	DFLX	27Z1	M070008	TREX		P207353	CMWK	29323048	M100016	MRBR	29323948	P207349	MRBR
2740121	J018110	STMC		M070008	PH	287945001	P270532	VMER	29323061	M090594	MRBR	29323956	P206367	MRBR
2740126	P224710	STMC	27Z1115	M100048	PH	287951001	P270541	VMER	29323062	M120365	MRBR	29323961	P206370	MRBR
2740127	P224641	STMC		M100048	CTRY	288113	X004536	NACO	29323072	M085090	MRBR	29323980	J190045	MRBR
2740128	P224711	STMC	27Z1138	M090544	PH		X004536	HSTR	29323078	M090072	MRBR	29323890	P206339	MRBR
2740148	J038612	STMC	27Z17	M090009	KOEH	289249Z	X009076	CAT	29323080	M085407	MRBR	29350A	P206324	HDMI
2740150	J038611	STMC		M090009	PH	28961	X004484	EIMC	29323081	M085208	MRBR	29353	P206325	HDMI
2740165	P206283	STMC	27Z260	M085008	PH	28A1475	M100463	FMC	29323084	M065044	MRBR	29353A	P206325	HDMI
2740172	P207365	STMC		M090544	PH		M100463	LKBT	29323089	M090009	MRBR	29375A	P207386	HDMI
2740183	J009633	STMC	27Z238	M120100	PH	28H0448	M070069	FMC	29323090	M190002	MRBR	29400	P206388	WLKR
2740201	P224581	STMC	27Z354	M120225	PH	28H0696	M120365	LKBT						

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29401	P206389	WLKR	298517292	M120100	REX	2ME376	M100464	MACK	3012605614	P216175	AST	303556	P207353	TYLE
29402	P206386	WLKR	2987580M91	P270542	HNMG	2ME377	M100043	MACK		P216175	ASTEC	303583	J000230	BOSS
29403	P206387	WLKR	29900	P224636	WLKR	2ME378	M100049	MACK	3014051362	M170101	AST	303587	J000227	BOSS
29405	P216228	WLKR	2990392	M085056	CAT	2ME384	M090091	MACK		M170101	ASTEC	303768	P206507	TYLE
29408	P207320	WLKR	2991610	J009640	STMC	2ME38482	M100016	MACK	3014051363	P207366	AST	303991400	P206399	BOSS
29409	P207321	WLKR	2991735	J009632	STMC	2ME384P2	M100016	MACK		P207366	ASTEC	304050	M060251	BOSS
29410	P207314	WLKR	299456A1	P206600	KBCO	2ME384P3	M080024	MACK	3014051442	P207667	AST	304052	P206306	BOSS
29415	P207317	WLKR		P206600	CASE	2ME395	M085171	MACK		P207667	ASTEC	304066	M065140	BOSS
29430	P206326	HDMI	2994719M1	X004482	HNMG	2ME395A	M085171	MACK	3014052031	P207341	AST	304067	M085409	BOSS
29430A	P206326	HDMI	29A430	P206321	HDMI	2ME399	M090544	MACK		P207341	ASTEC	304068	P206308	BOSS
29435	P206327	HDMI	29A430A	P206321	HDMI	2ME49301	M090544	MACK	3014052056	M090595	AST	304069	P206309	BOSS
29435A	P206327	HDMI	29A435	P206322	HDMI	2ME49301P11	M100465	MACK		M090595	ASTEC	304070	M002118	BOSS
29500	P206390	WLKR	29A435A	P206322	HDMI	2ME49301P2	M100465	MACK	3014052240	P207354	ASTEC	304071	M002119	BOSS
29501	P206391	WLKR	29A540	P206323	HDMI	2ME49301P3	M100463	MACK		P207354	AST	304254	P207283	TYLE
29502	P208389	WLKR	29A540A	P206323	HDMI	2ME49301P4	M100465	MACK	3014052260	P206283	ASTEC	304605066	P206341	ASTEC
29503	P208395	WLKR	29A650A	P207402	HDMI	2ME49301P5	M100463	MACK		P206283	AST		P206341	AST
29506	P207299	WLKR	29H77	M100048	BABR	2ME49301P6	M090535	MACK	3014052313	P207324	AST	304605097	M085090	AST
29507	P207300	WLKR	29L16	M065071	BABR	2ME49301P7	M100465	MACK		P207324	ASTEC		M085090	ASTEC
29508	P207301	WLKR	2MD236	M120108	MACK	2ME49601P7	M100465	MACK	3014052592	P207335	AST	30495	M070008	KSHA
29509	P207302	WLKR	2MD337AP3	M090280	MACK	2MEX328	M120100	MACK		P207335	ASTEC	305367	P207326	BOSS
29510	P209912	WLKR	2ME153	M080024	MACK				3016051005	M190002	ASTEC	305605056	M085208	ASTEC
29511	J540008	WLKR	2ME229	M090009	MACK					M190002	AST		M085208	AST
29512	P224641	WLKR	2ME235	M170101	MACK				3016377	M120365	CUMS	30600A	P207414	HDMI
29540	P206328	HDMI	2ME236	M120108	MACK				3018051102	M120418	ASTEC	3061656	M085023	ACMS
29540A	P206328	HDMI	2ME236P1	M100463	MACK					M120418	AST	3061668	M085023	ACMS
2955550	M085008	CHLR	2ME236P2	M120365	MACK				3018051104	P207328	ASTEC	306245027	M080018	AST
29600	P216202	WLKR	2ME236P3	M120225	MACK					P207328	AST		M080018	ASTEC
29603	P216205	WLKR	2ME247	M090091	MACK				301999	M090362	BOSS	306245029	P206340	AST
29604	P224600	WLKR	2ME248	M100463	MACK				3024020	P226156	XAIR		P206340	ASTEC
29605	J640005	WLKR	2ME251	M085171	MACK				302402018	P206554	XAIR	306245030	P207351	ASTEC
2962280907	M091048	VMER	2ME29301P1	M100465	MACK				302423	P270539	BOSS		P207351	AST
296274651	M091050	VMER	2ME29301P12	M100464	MACK				302423080	P270532	BOSS	306245151	P270539	ASTEC
296277847	M091046	VMER	2ME29301P13	M100465	MACK				300479	X007824	DETZ		P270539	AST
296277910	X007834	VMER	2ME29301P14	M100465	MACK				300639	X006203	BOSS	306245207	M100048	AST
296280907	M091048	VMER	2ME29301P17	M100463	MACK				300639200	X004536	BOSS		M100048	ASTEC
296318775	P207361	VMER	2ME29301P17	M100463	MACK				300639250	X004476	BOSS	306245262	M100572	AST
29650	P207394	HDMI	2ME29301P18	M100463	MACK				300639300	X004478	BOSS		M100572	ASTEC
296505065	J000232	VMER	2ME29301P19	M100463	MACK				300639350	X006204	BOSS	306245264	P206546	ASTEC
296505066	P206607	VMER	2ME29301P20	M100463	MACK				30077	M110077	HDMI		P206546	AST
296505067	P206338	VMER	2ME29301P21	M090072	MACK				300914	P206282	BOSS	306245433	P206410	AST
29650A	P207394	HDMI	2ME29301P22	M100465	MACK				300914350	P206281	BOSS		P206410	ASTEC
29701	P224638	WLKR	2ME29301P3	M100464	MACK				300914400	P206282	BOSS	306605183	P206326	ASTEC
29702	P224635	WLKR	2ME29301P5	M100464	MACK				300915	P206340	BOSS		P206326	AST
2974081	M085008	CHLR	2ME29301P6	M090535	MACK				300915300	P206340	BOSS	306942	P207363	CMWK
2975915	M085023	CHLR	2ME29302	M120131	MACK				300915350	P206342	BOSS	306945	P207364	CMWK
2976411M91	H001033	HNMG	2ME3101	M085171	MACK				300915400	P206344	BOSS	306945A	P206398	CMWK
2977819M91	H001032	HNMG	2ME3102	M090781	MACK				300A1014	P206334	AP	307099	P216206	FOREM
2980009147	P206407	WMI	2ME3104	M100580	MACK				300A1016	P206334	TRUX	3071352M91	H001034	HNMG
29801	P209910	WLKR	2ME3104P3	M100582	MACK					P206334	AP	3073102M91	H001035	HNMG
2980508392	M085008	RXRD	2ME3104P5	M100582	MACK				300A1216	P206334	AP	307335	X007833	BOSS
2980518292	P206374	CMI	2ME3106A	M120566	MACK				300A1414	P206334	AP	307345	P206544	BOSS
2980518392	M090538	REX	2ME3112	M120713	MACK				300K1014	P206334	AP	307577	M060481	BOSS
	M090538	CMI	2ME3118	M090823	MACK					P206334	DFLX	307578	P206515	BOSS
2980518592	M100464	RXRD	2ME3118A	M090823	MACK				3010305004	M122300	ASTEC	307708	M085411	BOSS
2980518692	M085023	RXRD	2ME3119	M100213	MACK					M122300	AST	30781	M090781	HDMI
2980519892	M060232	RXRD	2ME3132M	M101181	MACK				3010305074	P207324	ASTEC	30805333	M090009	TREX
	M060232	MIIN	2ME3136M	M090074	MACK					P207324	AST	30805L1106	M120365	ASTEC
2980522392	P207330	CMI	2ME3339	M090544	MACK				3010605136	P206346	AST		M120365	AST
2980526297	P206612	MIIN	2ME335AP2	M090280	MACK					P206346	ASTEC	30805L1107	P207365	ASTEC
2980527892	P270541	CMI	2ME336B	M085171	MACK				3010845017	M120108	ASTEC		P207365	AST
2980528892	P206280	MIIN	2ME336P2	M120365	MACK					M120108	AST	30805L1280	P207339	ASTEC
2980532692	J009606	CMI	2ME337AP2	M090158	MACK				3010845019	P207332	AST		P207339	AST
2980533392	P206603	CMI	2ME337AP3	M090534	MACK					P207332	ASTEC		P207339	AST
2980535392	J190063	CMI	2ME361P3	M120382	MACK				3012605022	P206282	AST	30805L1368	P206411	ASTEC
2980535892	P207332	CMI	2ME361P5	M120382	MACK					P206282	ASTEC		P206411	ASTEC
2980535992	P207596	CMI	2ME366	M090074	MACK				3012605231	P206603	ASTEC	308486	P206350	FOREM
2980536192	P206318	CMI	2ME371	M100464	MACK					P206603	AST	3093978	P226152	CAT
298053692	P206318	CMI	2ME372	M090538	MACK				3012605258	P270541	AST	309540	P206553	TYLE
29806	P209913	WLKR	2ME373	M100464	MACK					P270541	ASTEC	309541	P206398	TYLE
29807	P209912	WLKR	2ME374	M090535	MACK				3012605289	P207402	ASTEC	309542	J190014	TYLE
298508392	M085008	REX	2ME374P1	M090535	MACK					P207402	AST		J190014	CASE
298510192	M080018	REX	2ME374P2	M090535	MACK				3012605321	P206603	AST	309543	P206342	TYLE
	M080018	RXRD	2ME375	M090544	MACK					P206603	ASTEC	3095893	M101158	VLVO
									3012605356	P206603	ASTEC	3095900	M101182	VLVO
										P206603	AST			

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	
3095906	M101181	VLVO	31085	M070028	HDMI	31230	M110012	HDMI	3150Q	M085189	AP	3220076	M045123	JLGI	
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	P206281	AST	31096	M085171	HDMI	31234	M140048	HDMI	31514	M090781	HDMI	322035	M090158	JLGI	
309605014	P206409	ASTEC	31102	M085090	HDMI	31235	M060481	HDMI	3154065R91	P270531	FURU	3224136	M100580	OKSH	
	P206409	AST	31104	M085056	HDMI	31237	M085206	HDMI		P270531	DRSS		M100580	MNLS	
309605333	P206323	ASTEC	311061	X004484	STGR	31238	M090301	HDMI	3154070R91	P270535	FURU	32250	P206371	DFLX	
	P206323	AST	31107	M085080	HDMI	31241	M060250	HDMI		P270535	DRSS	322622	M090594	FOREM	
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	P208380	AST	31112	M090009	HDMI	31243	M085207	HDMI	31566	M120566	HDMI	3227Q16D1	M090091	CTRY	
309605366	P207330	AST	31119	M090544	HDMI	31245	M060251	HDMI	31580	M100580	HDMI	3227Q3	M120235	KOEK	
	P207330	ASTEC	31123	M090280	HDMI	31246	M065074	HDMI	31582	M100582	HDMI		M120235	CTRY	
30AA	J000200	ACFT	31125	M090159	HDMI	312461780	P206410	AGCO	31584	M085084	HDMI	3227Z25	M065030	CTRY	
30EL45101A	P206280	ACFT	31126	M090170	HDMI		P206410	WHITE	31600	P207414	DFLX	32305	M090301	CRMY	
30EL45200A	P207351	ACFT	31127	M090538	HDMI	31247	M085208	HDMI	31600A	P207408	HDMI	32343	P206363	CRMY	
30EL90111A	P206340	ACFT	31129W	M090210	HDMI	31248	M090598	HDMI	31680	M090680	HDMI	3234765	M090544	OKSH	
30EL90112A	P206341	ACFT	31136	M090301	HDMI	31249	M100572	HDMI	316977	P207282	TYLE		M090544	MNLS	
30EL90211A	P207326	ACFT	31139	M100052	HDMI	31250	M120418	HDMI	31805003703	M001756	SDMO	32350	P206373	DFLX	
30EL90212A	J190013	ACFT	3114112501	M090594	CMI	31251	M060247	HDMI	31805003704	M001702	SDMO	3235459R1	M120154	NAVI	
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30FBC	P206608	ACFT	3114118601	P270539	CMI	312626	P206516	TENT	318142	J024737	TYLE	324207	M065044	KOHL	
30FBZ	P206600	ACFT	3114119201	P206540	CMI	312627	J008167	TENT	319404	P206346	RDRL	32441	P206321	AGEM	
30GZ	P206407	ACFT	3114119301	P206511	CMI	31280	M090280	HDMI	31A300	P206362	HDMI	324601	P270541	KOHL	
30HD	J000227	ACFT	31142	M100146	HDMI	31293	M085293	HDMI	31A300A	P206362	HDMI	324937C1	M090534	NAVI	
30PLA	J009604	ACFT	31143	M110143	HDMI	312955	P206540	TENT	31A350	P206363	HDMI	324937C91	M090280	NAVI	
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30STA120	P206334	ACFT	31149	M100464	HDMI		P206335	AP	31A400A	P206364	HDMI	32564204391	M120235	KOEK	
30TS112A	P206302	ACFT	31150	M100213	HDMI	312K1014	P206335	AP	31A500	P206365	HDMI	32564206302	M120131	KOEK	
30TS212A	P206309	ACFT	311593170	M100049	WHITE		P206335	TRUX	31A500A	P206365	HDMI	3256420V4391	M120235	KOEK	
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	M120108	CAT	31164	M100466	HDMI	31300	P206372	DFLX	31AS400A	P206364	HDMI	3262770	M070008	SNBL	
310017	P270838	TESSI	31165	M100465	HDMI	31300A	P206372	HDMI	31AS500	P206365	HDMI	3279482	X006202	OKSH	
31002	M060232	HDMI	31166	M100466	HDMI	31300A	P206372	HDMI	31AS500A	P206365	HDMI		X006202	AMFPH	
31002486	P216172	CAME	311685010	M070068	AGCO	3130015	P206540	TENT	31H0104	M100043	FMC	3270690	M140048	PH	
31004	M065065	HDMI		M070068	WHITE	3130888	P206328	VLVO		M100043	LKBT	32821	X004478	AGEM	
31005070	M120108	CAME	31173	M120135	HDMI	3130889	P206387	VLVO		M100043	LBX		X004478	WILM	
31015	M085023	HDMI	31179	M120154	HDMI	3130890	P206405	VLVO	31L400	P206369	DFLX	32822	P226144	AGEM	
31018	M085008	HDMI	31181	M120131	HDMI	3130891	P206407	VLVO	31L500	P206370	DFLX	3282957	X006203	CUMS	
31019	M085080	HDMI	311816010	H001279	DETZ	3130892	P206410	VLVO	31L600	P207414	DFLX	3283435	P206553	CUMS	
31020	M090544	HDMI		H001279	AGCO	3130893	P206411	VLVO	31S400	P206374	HDMI	3283436	X004480	CUMS	
31021	M090074	HDMI		H001279	WHITE	3130894	P206507	VLVO	31S400A	P206374	HDMI	32C65	P207281	BABR	
31022	M090544	HDMI	31183	M120135	HDMI	3130895	P206555	VLVO	31S500	P206375	HDMI	32H0511	M120197	LKBT	
31023	M090535	HDMI	31189	M110189	HDMI	3130896	J024838	VLVO	31S500A	P206375	HDMI	32H511	M120197	FMC	
31024	M090072	HDMI	311890	P206543	TENT	3130897	P206601	VLVO	320014	P206606	TESSI	32L300	P206372	DFLX	
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31031	M100048	HDMI	31199	M120225	HDMI	3130901	P206611	VLVO	320111	X004538	TESSI	32L600	P207408	DFLX	
31032	M100049	HDMI	31200	M120131	HDMI	3130902	P207339	VLVO	320112	X004478	TESSI	32Z2631	P206411	PH	
31034	M065034	HDMI		P207411	DFLX	3130903	P208375	VLVO	320114	X004482	TESSI		P206411	CTRY	
31035	M120365	HDMI	31202	M120382	HDMI	3130904	P208395	VLVO	320115	X004484	TESSI	32Z27X52	X004484	PH	
31036	M120100	HDMI	31204	M120197	HDMI	3130905	P270541	VLVO	320116	X004536	TESSI		X004484	CTRY	
31037	M120108	HDMI	31209	M170101	HDMI	313094	J000224	DYPC	320117	X004537	TESSI	3300	P207362	XAIR	
31038	M080018	HDMI	31211	M190002	HDMI	3131441	P206347	FRTL	320123	X004539	TESSI		P207362	HDMI	
31043	M100043	HDMI	31211062	X004484	KOEK	3131445	P206383	VLVO	320287	P206342	ARV	330006004	X004478	FDEN	
31045	M100695	HDMI		X004484	CAME	31350	P206368	DFLX	320289	P206344	ARV	330007	P206410	TESSI	
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31078	M085078	HDMI	31224	M100463	HDMI	31479	M110479	HDMI	3220010	M065030	JLGI	330124A	P208330	HDMI	
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31083	M090823	HDMI	31226	M090563	HDMI	31500	P206375	HDMI	3220039	M090210	JLGI	330148CP	P207312	HDMI	
31084	M070008	HDMI	31227	M090563	HDMI	31500A	P206375	HDMI	3220049	M100048	JLGI	33065	P207329	WILM	
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Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	
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33170018	M090535	MJPR	33314	P222750	WLKR	340124A	J024748	HDMI	34717Q	P208326	AP	350160CP	P208395	HDMI	
33170026	M090823	MJPR	33315	P222751	WLKR	340124CP	J024749	HDMI	34718	M085056	ERIC	350172	P224600	HDMI	
33170033	M100048	MJPR	33323	P222746	WLKR	340136	P208358	HDMI	34719	P208366	TRUX	350172A	P224600	HDMI	
33170039	M085409	MJPR	33324	P222747	WLKR	340136A	P208358	HDMI		P208366	AP	350172CP	P224600	HDMI	
33170049	P206540	MJPR	33325	P222748	WLKR	340136CP	P208359	HDMI	34720	P216204	TRUX	350196CP	P209912	HDMI	
33170050	P206543	MJPR	33327	P222750	WLKR	340148	P206382	HDMI	34721	M070068	ERIC	3501A	P208392	HDMI	
33170099	M100043	MJPR	33328	P222751	WLKR	340148A	P206382	HDMI	34723	M060055	ERIC	3501CP	P206385	HDMI	
33170108	M090535	MJPR	333476C91	M090072	NAVI	340148CP	P206386	HDMI		P208358	AP	35036	P222018	WLKR	
33170150	P226143	MJPR	3334818	P206515	CAT	340160	P208388	HDMI		P208358	TRUX	350503	X004484	WGNR	
33170406	P206615	MJPR	33400	P206297	DFLX	340160A	P208388	HDMI	34724	P208374	TRUX	35097	X004482	CRMY	
33170407	P206607	MJPR	3350	P207363	XAIR	340160CP	P208388	HDMI		P208374	AP	35100015	P206511	MJPR	
33170408	P206400	MJPR	33500	P206298	DFLX	340172CP	J640005	HDMI	34727	P208359	AP	35100016	P206509	MJPR	
33170409	P207354	MJPR	33500109	J000228	PERK	340189	P206555	SCNA	34728	P208375	AP	35100202	X004482	MJPR	
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33170413	P206350	MJPR	335036	P208350	HDMI	340196CP	P209913	HDMI		J034743	AP	35100210	X004484	MJPR	
33170414	P270543	MJPR	335036A	P208350	HDMI	34028	M060232	BRLEE	34744	J034744	TRUX	35100506	P206512	MJPR	
33170419	P226150	MJPR	335036CP	P216200	HDMI		M060232	RSCO		J034744	AP	351012	X004480	WGNR	
33170424	P207394	MJPR	335048CP	P207319	HDMI	340283	M060158	BRLEE	34746	J034746	AP		X004480	ATCO	
33170426	P206345	MJPR	335124	P208338	HDMI		M060158	RSCO	34747	M065065	ERIC	35103	P206507	WLKR	
33170428	P206321	MJPR	335124A	P208338	HDMI	34074	M065044	BRLEE	348022	M065034	FMC	35107192	M065065	IR	
33170447	P206323	MJPR	335148	P206381	HDMI	34110	M060037	ERIC	348025	M065030	FMC	35109107	M120100	IR	
33170483	P206375	MJPR	335148A	P206381	HDMI	34112	M045237	ERIC	348027	M090594	FMC	35111731	P206410	IR	
33170487	M080024	MJPR	33576	P270538	BRLEE		P222748	WLKR	34818	M065044	WILM	35113530	M085023	IR	
33170508	M120235	MJPR		P270538	RSCO	34128	M085056	ERIC		M065044	AGEM	35113539	M085023	IR	
33200	J000220	WLKR	335A	P207363	HDMI	34137	P206363	CRMY	34825	J240004	TRUX	35113646	P206407	IR	
33212	J000221	WLKR	3377215R1	P270538	FURU	34191	M060055	ERIC	34827	P208350	TRUX		P206407	IR	
33214	J000222	WLKR		P270538	DRSS	34229	M060038	ERIC	34828	P206380	TRUX	351170	X004478	WGNR	
33220	X007829	WLKR	3377344R1	P270536	DRSS	34233	M065034	ERIC	34830	P224581	TRUX		X004478	ATCO	
33221	J190059	WLKR		P270536	FURU	342578	M120100	PACC	34831	P224582	TRUX	35164	P270542	WLKR	
33222	X007830	WLKR	338614C1	J009613	NAVI	3426003	M065030	EIMC	34853	M090158	ERIC	35194	P270539	WLKR	
33223	J190061	WLKR	33958	J000211	WLKR	3426023	M065030	EIMC	34862	M045237	RSCO	35195	P270541	WLKR	
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33225	X007785	WLKR	33960	J000215	WLKR	3426403	M065030	EIMC	34892	P207389	CRMY	35225	P270530	WLKR	
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33227	J190059	WLKR		P206393	CMPR	34335A	P226156	AGEM	34957	M065065	CRMY	35227	J000202	WLKR	
33228	P222752	WLKR		P206393	LROI	34370	M065065	ERIC	3500	P207365	XAIR	35228	J000203	WLKR	
33231	J190057	WLKR	33962	J000217	WLKR	34453	M120154	ERIC		P207365	HDMI	352530	P206313	DFLX	
33239	M065034	RSCO	33963	J000218	WLKR	3454640	P206409	MNTW	350001	P207784	TESSI	35290	P222018	WLKR	
	M065034	BRLEE	33964	J000213	WLKR	345481	X004539	MNT0	350011	P206511	TESSI	35291	X006204	WLKR	
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3324009	P270534	CAT	33968	X007834	WLKR	345507	X004484	MNT0	350018A	P207298	HDMI	35293	X006202	WLKR	
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33241	P222754	WLKR	33970	J009607	WLKR		X004484	GRVE	350024	J024747	HDMI		X004478	IR	
33244	P222744	WLKR	33973	P207353	CMPR		X004484	MTWC	350024A	J024747	HDMI	35293067	X004480	IR	
33245	P222745	WLKR		P207353	LROI	345512	P206337	U C	350024CP	J024758	HDMI	35294305	X004478	IR	
33246	P222752	WLKR	339993	P206507	TRUX	345525	P207339	U C	350036CP	P216204	HDMI	35296060	X004476	IR	
33248	P222753	WLKR	3400	P207364	XAIR	3455300	X004482	MNTW	350048	P207296	HDMI	353035	P206314	DFLX	
33249	P222754	WLKR		P207297	HDMI	3455530	P206512	GRVE	350048A	P207296	HDMI	353035AZ	P206314	DFLX	
33264	P222755	WLKR	340005	J240004	AP		P206512	MNTW	350048CP	P207321	HDMI	35304	P206405	WLKR	
33266	P222757	WLKR	3400108CP	P224636	HDMI	3455970	X004480	MNTW	35006	X004480	TMPO	353040	P206315	DFLX	
33268	P222759	WLKR	340018A	P207297	HDMI	34587	M085078	ERIC	350060CP	P207302	HDMI	353040AZ	P206315	DFLX	
33272	X007830	WLKR	340023	J340023	AP	34589	H001032	ERIC	350060LA	P224711	HDMI	35304310	M090146	IR	
33273	X007831	WLKR	340024	J024746	HDMI	3459884	M085023	CHLR	350072A	P224709	HDMI	35307131	X004482	TKNG	
33274	X007784	WLKR	340024A	J024746	HDMI	34667	M065030	CRMY	350072CP	P216205	HDMI		X004484	IR	
33275	J190062	WLKR	340024CP	J024757	HDMI	34673	J034673	AP	350084CP	P224638	HDMI		X004482	IRCR	
33276	X007785	WLKR	340036	P208366	HDMI		J034673	TRUX	350096CP	P209910	HDMI	35313303	X004484	TKNG	
33278	P222755	WLKR	340036A	P208366	HDMI	34674	J034674	AP	3500A	P207298	HDMI		X004484	IRCR	
33279	P222756	WLKR	340036CP	J034746	HDMI		J034674	TRUX	3500CP	P207309	HDMI		X004482	IR	
33280	P222757	WLKR	340048A	P207295	HDMI	34679	X004476	RSCO	350118	P208392	HDMI	35325	P222748	WLKR	
33281	P222758	WLKR	340048CP	P207320	HDMI		X004476	BRLEE	350118A	P208392	HDMI	35328871	X004536	IR	
33282	P222759	WLKR	340060A	P207290	HDMI	34682	M065034	ERIC	350118CP	P206385	HDMI	35335	J000220	WLKR	
33285	J009605	WLKR	340060CP	P207301	HDMI	34691	M090210	ERIC	350124	J024750	HDMI	35336	J000222	WLKR	
33288	X007805	WLKR	340060LA	P224710	HDMI	34709	M063676	AP	350124A	J024750	HDMI	35337	J000221	WLKR	
33293	X007824	WLKR	340060LCP	P224641	HDMI	34713	P208324	AP	350124CP	J024751	HDMI	3535382	P207596	OKSH	
33294	X007805	WLKR	340072CP	P216202	HDMI		P208324	TRUX	350136	P208374	HDMI	35354	J000221	WLKR	
33300	J000227	WLKR	340084CP	P224635	HDMI	34714	P208348	AP	350136A	P208374	HDMI	353540	P206316	DFLX	
33304	J000230	WLKR	3400A	P207297	HDMI		P208348	TRUX	350136CP	P208375	HDMI	353540AZ	P206316	DFLX	
33305	J000232	WLKR	3400CP	P207308	HDMI	34715	P208364	TRUX	350148	P206383	HDMI	35358571	M060037	IR	
33310	P222746	WLKR	340118	P208386	HDMI		P208364	AP	350148A	P206383	HDMI	35369120	M090009	MNTW	
33311	P222747	WLKR	340118A	P208386	HDMI	34716	P208380	AP	350148CP	P206387	HDMI	35371	P205834	WLKR	
							P208380	TRUX							

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35373	J000231	WLKR	357686A1	X009076	CASE	35924	X004536	WLKR	3612136	P270533	CASE	36300100	P206518	MJPR
35392	P271511	WLKR	35772	J000227	WLKR	35926	X004537	WLKR		P270533	FIAT	363035	P206320	DFLX
35393	P270543	WLKR	35773	J000228	WLKR	35927	X004476	WLKR	3612138	P270539	FIAT	363035AZ	P206320	DFLX
35401	J009612	WLKR	35774	J000230	WLKR	35930	X004538	WLKR	3612145	P270543	FIAT	363040	P206321	DFLX
354050	P206317	DFLX	35775	J000232	WLKR	35931	P270837	WLKR		P270543	CASE	363040AZ	P206321	DFLX
354050AZ	P206317	DFLX	35776	P206610	WLKR	35932	P270838	WLKR	3612151	M070068	CASE	36319	H001284	CRMY
35408	J000220	WLKR	35777	P206611	WLKR	35933	P206512	WLKR		M070068	FIAT	3632	M090280	AP
35409	P207667	WLKR	35778	P206616	WLKR	35934	X004478	WLKR	3612153	P270532	FIAT		M090280	TRUX
35413	J000222	WLKR	35786	P206407	WLKR	35935	P206512	WLKR		P270532	CASE		M090280	GOE
35414	J000221	WLKR	35787	P206409	WLKR	35936	X004480	WLKR	3612157	P270541	FIAT	3632066M1	X004484	AGCO
354170	X004482	WGNNR	35788	P206410	WLKR	35937	X004482	WLKR		P270541	CASE	36323277	M065044	IR
	X004482	ATCO	35789	P206411	WLKR	35938	X004484	WLKR	3612162	M120197	FIAT	36320	M090280	AP
35423	J000219	WLKR	35790	P206511	WLKR	35939	X004539	WLKR		M120197	CASE	3633	M090159	AP
35424	J000231	WLKR	35791	P206512	WLKR	359696A1	M001503	CASE	3612171	M100043	CASE	3633Q	M090159	AP
35433	P271507	WLKR	35792	P206512	WLKR	35972	P206518	WLKR		M100043	FIAT	3634	M090210	AP
35444	P206608	WLKR	35793	J000224	WLKR	35973	P207345	WLKR	3612177	M060251	CASE	3634560	M090544	CHLR
35445	P206408	WLKR	35794	J000227	WLKR	35974	P207346	WLKR		M060251	FIAT	3634620	M120131	CHLR
35449	P206604	WLKR	35795	J000233	WLKR	35975	J000217	WLKR	3612180	M065074	FIAT	3634Q	M090210	AP
35456	J009486	WLKR	35796	P207784	WLKR	35976	J000216	WLKR		M065074	CASE	36352672	M045193	IR
354562	P270534	KOHL	35797877	M090210	IR	35977	J000215	WLKR	3612182	M120365	FIAT	363540	P206322	DFLX
35457	J009487	WLKR	35799	P206602	WLKR	35978	J000214	WLKR		M120365	CASE	363540AZ	P206322	DFLX
354612	M120131	ATCO	35800	P206603	WLKR	35979	J000211	WLKR	3614	M120100	AP	3636	M090301	TRUX
	M120131	WGNNR	35804	P206605	WLKR	35980	J000218	WLKR		M120100	TRUX		M090301	AP
35494	J009613	WLKR	35805	P206606	WLKR	35983	P206519	WLKR	36145	P206403	WLKR		M090301	GOE
35495	J009611	WLKR	35806	P206607	WLKR	35984	P206521	WLKR	36146	P206404	WLKR	3636Q	M090301	AP
35496	J009613	WLKR	35807	M060038	WLKR	35988	P207308	WLKR	36147	P206406	WLKR	3637	M100146	TRUX
35497	P207598	WLKR	35829944	M090535	IR	35989	P207309	WLKR	36148	P222744	WLKR		M100146	AP
35498	J009614	WLKR	35844117	M085056	IR	35997	P206353	WLKR	36149	P222745	WLKR		M100146	GOE
35499	P210110	WLKR	35852	P206524	WLKR	35AA	J000201	ACFT	3614Q	M120100	AP	3637Q	M100146	AP
35500	P213191	WLKR	35853	P206525	WLKR	35EL90114A	P206342	ACFT	3615	M060055	AP	3638397	M090074	CHLR
3550036CP	P216204	DFLX	35854	P206515	WLKR	35EL90115A	P206343	ACFT	3615Q	M060055	AP	363881	M002121	FOREM
355060	P206318	DFLX	35855	P206516	WLKR	35EL90214A	J190014	ACFT	3616	M090170	GOE	3640	M100463	TRUX
355060AZ	P206318	DFLX	35856	P206517	WLKR	35EL90215A	P207328	ACFT		M090170	AP		M100463	GOE
35512	P270532	WLKR	3587471	M111026	OKSH	35EL90241A	P206398	ACFT	3616Q	M090170	AP		M100463	AP
35513	P270533	WLKR	35886	P206510	WLKR	35EST	J000215	ACFT	3617	M045193	AP	364050	P206323	DFLX
35514	P270534	WLKR	35887	P206511	WLKR	35FBC	P206609	ACFT		M045193	GOE	364050AZ	P206323	DFLX
35514629	M085084	IR	358921C1	M090280	NAVI	35FBZ	P206601	ACFT	3617Q	M045193	TRUX	3640908	M100464	CHLR
35539238	P270534	IR	35898	J008167	WLKR	35GZ	P206409	ACFT	3618	M070028	AP	3640Q	M100463	AP
35576271	M085090	IR	35899	P224841	WLKR	35HD	J000228	ACFT		M070028	HDMI	3641507	M002122	OKSH
35584499	M120131	IR	35907	P270539	WLKR	35P2530	J190042	DFLX	3618Q	M045193	AP	3643	M120176	AP
35595834	M070068	IR	3590812	M100049	HRSN	35P3035	J190044	DFLX	3620	M070028	TRUX	3643Q	M120176	AP
35599834	M070068	IR	3590813	M090535	HRSN	35P3040	J009648	DFLX	3620Q	M070028	TRUX	364406	M170101	FOREM
35606	P206523	WLKR	3590814	M100464	HRSN	35P3540	J190045	DFLX	362025	M120108	AP	364443	P222751	FOREM
356153C1	M090072	NAVI	3590815	M120131	HRSN	35P4050	J009649	DFLX	3621	P207397	DFLX	3645	M120235	TRUX
35617	P270535	WLKR	3590816	M090544	HRSN	35P5060	J009650	DFLX	3620Q	M120108	AP		M120235	AP
35618	P270536	WLKR	3590823	M090544	HRSN	35PLA	J009605	ACFT	3621	M065071	AP		M120235	GOE
35619	P270538	ROSS	3590824	M090534	HRSN	35PLS	J190061	ACFT		M065071	GOE	3645Q	M120235	AP
	P270538	WLKR	3590825	M100464	HRSN	35RCZ	P270538	ACFT	3621Q	M065071	AP	3646	M122300	AP
35620	J000210	WLKR	3590826	M090544	HRSN	35STA120	P206335	ACFT	3622	M060158	AP	3646Q	M122300	AP
35621	J000212	WLKR	3590827	M085023	HRSN	35TS112A	P206303	ACFT	3622Q	M060158	AP	3647	M120108	TRUX
35622	J000213	WLKR	3590829	M090538	HRSN	35TS212A	P206310	ACFT	3624	M065034	TRUX		M120225	AP
35624	P206600	WLKR	3590831	M100043	HRSN	35X30R303A	P206314	ACFT		M065034	GOE		M120225	GOE
35636	J009618	WLKR	3590834	M100464	HRSN	3600	P207361	XAIR	362455	M065034	AP	3647Q	M120225	AP
35660	J009479	WLKR	3590837	M100463	HRSN	360001	P206543	TESSI	362467	M140048	FOREM	3648	M120131	AP
35673022	M060005	JAGR	3590838	M120176	HRSN	360014	P206508	TESSI	3624Q	P207596	FOREM	3648Q	M120131	AP
35673580	M070008	JAGR	3590841	M090091	HRSN	360015	P206509	TESSI	3624Q	M065034	AP	3649	M170101	AP
35673585	M070050	JAGR	3590842	M100465	HRSN	3610	M090563	TRUX	3625	M085171	GOE	3649Q	M170101	AP
356808	P208388	FOREM	3590844	M100464	HRSN	3610	M090563	GOE		M085171	AP	3650	M190002	AP
35690	J009612	WLKR	3590845	M100464	HRSN		M090563	AP		M085171	TRUX	365060	P207402	DFLX
35692	P207598	WLKR	3590846	M120197	HRSN	3610Q	M090563	AP	362530	P206319	DFLX	365060AZ	P207402	DFLX
35693	P207596	WLKR	3590850	M090072	HRSN	3611	M090520	GOE	3625Q	M085171	AP	3650Q	M190002	AP
35694	P206609	WLKR	3590853	M120365	HRSN		M090520	AP	3626	M085084	TRUX	3653	M085421	TRUX
35696	P206601	WLKR	3590855	M120108	HRSN		M090520	TRUX		M085090	AP	3654	M065065	AP
35733	P206520	WLKR	3590856	M100463	HRSN	3611Q	M090520	AP		M085090	GOE		M065065	APE
35734	P206526	WLKR	3590861	M100146	HRSN	3612111	M090158	CASE		M085090	TRUX		M065065	GOE
35746	P210110	WLKR	3590863	M100463	HRSN		M090158	FIAT	3626Q	M085090	AP	3654Q	M065065	TRUX
35749	J000232	WLKR	3590868	M100463	HME	3612123	M065044	CASE	3627	M085056	AP	3655	M085023	TRUX
35752	J000230	WLKR		M100463	HRSN		M065044	FIAT		M085056	GOE	3662	M085008	APE
35753	J000228	WLKR	359087	M120154	HRSN	3612125	M120100	FIAT		M085056	TRUX		M085008	AP
35757	J000232	WLKR	359089	M090544	HRSN		M120100	CASE	3627Q	M085056	AP		M085008	GOE
35758	J000231	WLKR	35909	P270540	WLKR	3612127	P270538	FIAT	3629	M085078	AP		M085008	TRUX
35760	P206408	WLKR	35910	P270541	WLKR		P270538	CASE	3629Q	M085023	AP	3662Q	M085008	AP

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40011	P226155	WLKR	402592003	X004478	FMNT	407573001	M060055	FMNT	410354	M120235	SLAR	414755	X004478	WLDN
40012	P226157	WLKR	402592004	X004480	FMNT		M060055	DCOA	4103898	M100463	MARA		X004478	MOB
4001225	M060055	ARRO	402595001	X004536	FMNT	408	P207369	HDMI	41058	P206306	WLKR	41476	P207354	WLKR
4001319500	M120418	CMI	402595002	X004476	FMNT	4080072	M120365	VME	410650	M065065	CRMY	41477	J190025	WLKR
4001905	M060037	ARRO	402595005	X004482	FMNT	40801	M090009	DACR	4108511A	M085078	ALMN	41479	P205979	WLKR
40020	P226132	WLKR	402595006	X004484	FMNT	4081853	P207359	LETO	41094	P206308	WLKR	41480	P205976	WLKR
40021	P226133	WLKR	402595007	X004539	FMNT	4081866	X004539	LETO	41095	P206309	WLKR	41514	P207394	WLKR
40022	P226156	WLKR	402744	M101169	OXBO	4082047	X004478	CBM	41096	P206310	WLKR	41515	J009650	WLKR
40023	P226158	WLKR		M101169	OXBO	4085865	M080024	MARA	41097	P206311	WLKR	41532	P207339	WLKR
40024	P226154	WLKR	40282	M070028	SLAR		M080024	LETO	41099	P216172	WLKR	41534	P206341	WLKR
40025	P226155	WLKR	402966	H001284	OXBO	4088683	M120225	VME	41154	J008671	WLKR	41535	P206341	WLKR
40026	P226157	WLKR		H001284	OXBO	409186012	P206526	FMNT	41189	P206279	WLKR	41536	P207362	WLKR
4002735000	H001034	CMI	403001S	J009612	DFLX	409300	P271507	XAIR	41204	P206395	WLKR	41537	P207363	WLKR
4002746000	P207667	CMI	40300G	P226155	ACFT	409350	P271508	XAIR	41205	P206617	WLKR	41538	P207365	WLKR
4002768000	M120131	CMI	40300S	P206604	DFLX	409400	P270837	XAIR	412052AA	P206311	SKYJ	41539	P206299	WLKR
4002827000	M100463	CMI		P226156	ACFT	4094239160	P206607	CMI	412053AA	P206326	SKYJ	41540	P206300	WLKR
4002833000	P270535	CMI	4030S	J024836	ACFT	409500	P270838	XAIR	41217	P206396	WLKR	41557	P207408	WLKR
4002935000	M065044	CMI	403100001	M060158	HERC	409812	H001279	SLAR	41221	P206397	WLKR	41558	P207333	WLKR
4002958000	P270538	CMI	403100953	X004478	HERC	409828C1	M090544	NAVI	41222	P206398	WLKR	41560	P207366	WLKR
4002975000	M090301	CMI	403503S	P222017	DFLX	40A	J000202	ACFT	41223	P206399	WLKR	41563	P206321	WLKR
400298000	M085090	CMI	403505	P206605	DFLX	40CN104	P206369	PACC	41224	P206400	WLKR	41582	P207339	WLKR
4002980000	M085090	CMI	40350S	P206605	DFLX	40CN104A5A	P206328	ACFT	41233	P206927	WLKR	41583	P207361	HDMI
4003	M090009	KSHA	40364	P206298	WLKR	40CN304	P206374	PACC	4124051	M100463	LETO		P207361	WLKR
4003012000	M122300	CMI	404002S	P222018	DFLX	40CS224A	J024748	ACFT	41249026	X007831	DAEW	41583Q	P207361	HDMI
4003031000	M085023	CMI	404005	P206606	DFLX	40CS224C	J024749	ACFT	41251	P206344	WLKR		P207361	WLKR
4003036000	M100213	CMI	40400S	P206606	DFLX	40CS236A	P208358	ACFT	41252	P206342	WLKR	416001355910	P206600	IRKA
4003064000	M120225	CMI	4041463	X004539	ECLD	40CS236C	P208359	ACFT	41256	P207364	WLKR	416001401900	X004484	NABI
4003064111	M120225	CMI		X004539	VLVO	40CS248A	P206382	ACFT	413001S	J009612	DFLX		X004484	IRKA
400A1014	P206336	TRUX		X004539	VME	40CS248C	P206386	ACFT	41300S	P206604	DFLX	416001401907	P206603	IRKA
	P206336	AP	4043701	X004482	ECLD	40CS260A	P208388	ACFT	413162	M085056	CMI		P206603	NABI
400A1016	P206336	AP		X004482	VME		P208388	PACC	413174	M085207	CMI	416001401925	P206375	IRKA
	P206336	TRUX	404380001	J190055	VMER	40CS260C	P208389	ACFT	413195	M120418	CMI	416001530914	P206337	IRKA
400A1414	P206336	AP	40438001	J190055	VMER	40EL45104A	J190023	ACFT	413196	P208374	CMI	416021401905	M120108	NABI
	P206336	TRUX	4044382	M085410	TYLR	40EL45203A	P207353	ACFT	413216	P206328	CMI		M120108	IRKA
400C1016	P206336	TRUX	40447	P206409	HAWK	40EL90116A	P206344	ACFT	413224	M085090	CMI	416021401909	P206410	IRKA
	P206336	AP	40448	P206388	XAIR	40EL90117A	P206345	ACFT	413225	M090301	CMI	416061530906	P206602	NABI
400S1016	P224686	TRUX	4044942	P207566	TYLR	40EL90117C	P206353	ACFT	413253	X007785	CMI	41612	P207354	WLKR
40100G	P226142	ACFT	404508R1	M070068	CASE	40EL90217A	P207329	ACFT		X007785	CMCO	41614	J009635	WLKR
40100S	P226146	ACFT		M070068	FURU	40EL90219A	P206346	ACFT	413287	M170101	CMI	41615	J009636	WLKR
401116	X007829	SKYJ		M070068	DRSS	40EL90242A	P207364	ACFT	413309	P206304	CMI	41616	J009637	WLKR
401117	X007830	SKYJ		M070068	NAVI	40EL90243A	P206399	ACFT	413311	M090594	CMI	41618	J009631	WLKR
401132	X007784	SKYJ	404595003	X004478	FMNT	40EST	J000216	ACFT	41338S	J009611	DFLX	41619	J009632	WLKR
4011460	P207299	XAIR	40460	P206390	XAIR	40FBC	P206610	ACFT	41365	P206340	WLKR	41620	J018110	WLKR
4011548	P207317	XAIR	4047421	X004484	VLVO	40FBZ	P206602	ACFT	41366	P206342	WLKR	41623	J009644	WLKR
4011560	P207300	XAIR		X004484	ECLD	40GZ	P206410	ACFT	41367	P206344	WLKR	41624	J009645	WLKR
4012448	P207320	XAIR		X004484	VME	40HD	J000230	ACFT	413678A1	M001865	TYLE	41626	J009639	WLKR
4012518	P207309	XAIR	404812100	M120108	LETO	40PLA	J009606	ACFT		M001865	CASE	41627	J009640	WLKR
4012548	P207321	XAIR		M120108	MARA	40PLS	J009623	ACFT	41378	P206344	WLKR	41628	J009641	WLKR
4012560	P207302	XAIR		M080018	LETO	40RCC	P270837	ACFT	41400S	J009614	DFLX	41629	P207331	WLKR
4012596	P209912	XAIR	405	P206849	HDMI	40RCZ	P270539	ACFT	4141106	X004482	LETO	41630	J008681	WLKR
4012S	J240006	ACFT	4050	M100465	PHOE	40STA120	P206336	ACFT	41428	P207351	WLKR	41631	P207322	WLKR
401400	P207345	XAIR		M100580	INDIP	40TA	P206297	ACFT	41429	P207352	WLKR	41633	P206342	WLKR
401512	P207346	XAIR		M100465	INDIP	40T5118A	P207297	ACFT	41430	P207353	WLKR	41634	J008681	WLKR
401518	P206354	XAIR	40500	M100580	INDIP	40T5118C	P207308	ACFT	41431	P207354	WLKR	41635	P206344	WLKR
401666	M045237	FMC	40500S	P206607	DFLX	40T5124A	J024746	ACFT	41432	P207324	WLKR	41636	P207362	WLKR
401716	M080018	SKYJ	405094	M170101	SLAR	40T5218A	P208386	ACFT	41433	P207325	WLKR	41638	P206346	WLKR
4017418	P206384	XAIR	405097	M090535	SLAR	40TS218C	P206384	ACFT	41434	P207326	WLKR	41641	P207351	WLKR
4017436	P208359	XAIR	4050UMB	P207784	ACFT	40X30R104A	P206321	ACFT	41435	P207327	WLKR	41645	P206612	WLKR
4017448	P206386	XAIR	4054049	X004480	VME	40X30R304A	P206315	ACFT	41436	P207332	WLKR	41646	P207619	WLKR
4017518	P206385	XAIR	40548	P206389	XAIR	40X35R104A	P206322	ACFT	41437	P206279	WLKR	41647	P207581	WLKR
4017536	P208375	XAIR	4055	P207368	HDMI	40X35R305A	P206316	ACFT	41438	P207349	WLKR	41648	J009391	WLKR
4017548	P206387	XAIR	40560	P206391	XAIR	40X35R404A	P206327	ACFT	41439	P207350	WLKR	41649	P207568	WLKR
4017560	P208395	XAIR	4058502	X004484	VME	40YTUBE	J092679	ACFT	41440	P207350	WLKR	4165	P206850	INDIP
4018G	J024754	ACFT	406	P206850	HDMI	41001	J008671	WLKR	41441	P207335	WLKR	41650	P207620	WLKR
4018S	P206554	ACFT	406240	P206610	XAIR	41002	P206339	WLKR	41442	P216172	WLKR	41653	P207567	WLKR
402445	P206285	XAIR	406250	P206611	XAIR	41003	P206340	WLKR	41450S	P210110	DFLX	41654	J009393	WLKR
40247	P206297	WLKR	406303	M065074	MOB	4068782	M090146	LETO	414714	M085090	MOB	41655	P207566	WLKR
4024G	J024835	ACFT		M090146	LETO	407	P206851	HDMI		M085090	WLDN	41657	P207568	WLKR
4024S	J024850	ACFT	407	P206851	HDMI	4071524	X004484	LETO	41472	P206344	WLKR	41658	P207566	WLKR
402545	P206286	XAIR	4071524	X004484	LETO	4073731	H001034	LETO	41473	P206346	WLKR	41662	J009479	WLKR
40256	J092679	WLKR	4073737	M100464	MJPR	4073737	M100464	MARA	41474	P207364	WLKR	41663	P207581	WLKR
40257	J092689	WLKR		M100464	MARA	4102049	M190002	LETO	41475	P207353	WLKR			
							M190002	MARA						

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
41685	P207362	WLKR	41984	P206322	WLKR	4207	M101182	AP	42350C	P206613	DFLX	42891	P207282	WLKR
41687	P207386	WLKR	419843	J009645	RDRL		M101182	GOE	42355	J190025	WLKR	4291	P206512	INDIP
41691	J240006	WLKR	419844	M120225	RDRL		M101182	TRUX	42356	P206345	WLKR	42910	P206512	INDIP
41692	P224479	WLKR	41985	P206374	WLKR	42070	J024837	WLKR	42377	P206305	WLKR	42936	P207330	WLKR
41693	J240007	WLKR	41986	P206369	WLKR	42071	J024746	WLKR	4239	P206410	INDIP	42937	P206345	WLKR
41694	P224481	WLKR	41987	P206364	WLKR	42072	J024747	WLKR	42400C	P206614	DFLX	42938	P206408	CMI
4170	M085411	NH	41988	P206326	WLKR	420801	M090544	PIE	4241	P207332	INDIP		P206348	WLKR
	X004482	INDIP	4198828	P207354	LETO	42081	P207332	WLKR	42410	P207332	INDIP	42939	P207331	WLKR
4171	P207368	INDIP	41989	P206315	WLKR	4209	X004484	INDIP		P207332	CAT	42940	P206349	WLKR
4173	P206312	INDIP	41990	P206316	WLKR	420920	M080024	FWD	42423	P206554	WLKR	42944	P207341	WLKR
41730	P206312	INDIP	41991	P206327	WLKR	420C4361	M100048	KOEH	42424	P206555	WLKR	42958	P207538	CMI
41751	M060005	SLAR	41992	P206365	WLKR	420V1373	M085023	KOEH	4243	P222018	INDIP	429619C1	M090146	NAVI
41768	P224669	WLKR	41993	P206370	WLKR	420V3912	X004482	KOEH	42445	P206341	SLAR	42977	P206342	CMI
41769	J190003	WLKR	41994	P206328	WLKR		X004482	TREX		P206341	WLKR	42978	J028528	WLKR
418195A1	M001756	CASE	41995	P206317	WLKR	420V4349	M120100	KOEH	42447	P206304	WLKR	42E4036	P207582	DFLX
4182268	M090159	FMC	41996	P206375	WLKR	420V4351	M085023	KOEH	42448	P206302	WLKR	42F400	P206616	DFLX
41832	P206400	WLKR	41997	P207402	WLKR	420V4360	M100049	KOEH	42449	P206303	WLKR	42P350	J009391	DFLX
4185027	M190002	LETO	41998	P206318	WLKR	420V4375	M100464	KOEH	424504	P206346	RDRL	42P400	P206614	DFLX
41862	P207568	WLKR	41999	P206324	WLKR	420V4376	M100464	KOEH	42451	P206280	WLKR	42P500	P206615	DFLX
4186214A	P226148	ALMN	41A300466A1	P207667	GE	420V4382	M090170	KOEH	42452	P206281	WLKR	42P50045	J009393	DFLX
41865	P206605	WLKR	41A300466ABP1	P207667	GE	420V4383	M100043	KOEH	42453	P206283	WLKR	42R0210060YF	P206406	HNMGM
41889	M100048	GEHL		P207667	GEPA		M100043	TREX	42455	P206553	WLKR	42R300	J009393	DFLX
	P207414	WLKR	41A300466P1	P206411	GE	420V4386	M100464	KOEH	424760	P206519	INDIP	42R350	P207581	DFLX
41890	J009648	WLKR		P206411	PRTCTR	420V4387	M090158	KOEH	424857C1	M090544	NAVI	42R35045	P207568	DFLX
41891	J009649	WLKR		P206411	GEPA	420V4388	M090535	KOEH	424858C1	M090544	NAVI	42R400	P207620	DFLX
41892	P206372	WLKR	41A300470P1	M120108	AUTM	420V4390	M090538	KOEH	42492	P206552	WLKR	42R40045	P207567	DFLX
41893	P206373	WLKR		M120108	AMTK	420V4391	M120235	KOEH	42500	P207329	WLKR	42R50045	P207566	DFLX
41895	P206374	WLKR		M120108	ATHM	420V4393	M120154	KOEH	42500C	P206615	DFLX	42T400	P206617	DFLX
41896	P206369	WLKR		M120108	GE		M120154	TREX	425137C91	M090074	NAVI	43012	M122300	CMI
41897	P206370	WLKR	41A300754P1	P207394	GEPA	420V6300	M170101	KOEH	42515	P206347	XAIR		M122300	POWER
41898	P206317	WLKR	41A301438P1	P270541	GEPA	420V6302	M120131	TREX	42518	P206348	XAIR	4302	P207362	XAIR
41899	P206375	WLKR		P270541	GE	420V6308	M100463	KOEH	42530	J024739	WLKR	43020	P270543	CMI
41902	P207411	WLKR		P270541	ATHM	42104	M001668	KW	42531	J024737	WLKR	43030	M090158	RDRL
41909	P206323	WLKR	41A312661P1	X004484	GE		M001668	PACC	42534	P206308	WLKR	4303076	M120365	TYLR
41939003	J240005	DAEW		X004484	GEPA	42125	P207332	WLKR	42536	P207415	WLKR	43036	M100213	CMI
4194	P206411	INDIP	41B590490P1	M170101	GE	42126	P207283	WLKR	42543	J024750	WLKR	43064	M120225	CMI
41940	P207405	WLKR		M170101	ATHM	42127	P207281	WLKR	42544	J024748	WLKR	43064111	M120225	CMI
41944	P207411	WLKR	420039	M090535	PIE	42128	P207559	WLKR	425507C1	M090544	NAVI	4310560	P208393	XAIR
41947	P207411	WLKR	420225	M120100	PIE	42129	P208386	WLKR	42562	P216175	WLKR	4311460	P207288	XAIR
4194907045	P270536	FRTL	420256	M120225	PIE	42130	P208392	WLKR	42570007	P270539	AGCA	4311560	P207289	XAIR
4194927029	M070068	FRTL	4203267	M070008	KOEH	42132	P208338	WLKR	425937C1	M090074	NAVI	43115U	M060038	NLSN
	M070068	MERS	4203914	X004484	KOEH	4214	P206849	INDIP	42594	P207419	WLKR	4312448	P207295	XAIR
419499	M065071	WLDN		X004484	TREX	421436	P270534	CLJL	426428C91	M090538	NAVI	4312460	P207290	XAIR
	M065071	MOB	4204307	M090009	KOEH		P270534	CLRK	42715	P207297	WLKR	431256C1	M100464	NAVI
41957	P206371	WLKR	4204310	M120100	KOEH	42147	P207332	WLKR	42716	P207298	WLKR	431517R91	M090544	NAVI
41958	P207382	WLKR	4204349	M120100	KOEH	4215972M91	H001279	HNMGM	427170	M090009	CLRK	43171003	M140048	MJPR
41959	P207397	WLKR	4204351	M085023	KOEH	4215997	M100580	LETO	42728	M090280	CMI	4317560	P208394	XAIR
41960	P207389	WLKR	4204360	M100049	KOEH	42175	P206544	WLKR	42735	H001034	CMI	4317572	P224600	XAIR
4196234	P207341	LETO	4204373	M085023	KOEH	42178	P216191	WLKR	42746	P207667	POWER	431792C1	M100464	NAVI
4196273	M120154	ABPS	4204375	M100464	KOEH	4218	M090781	AP		P207667	CMI	43202	J034673	WLKR
41963	J008942	WLKR	4204376	M100464	KOEH	42185	P206343	WVX	427470	P270530	PIE	43203	J034673	WLKR
41964	P206361	WLKR	4204378	M090538	KOEH		P206343	WLKR	42748	P206350	CMI	4324836	X004476	BLDY
41966	P206366	WLKR	4204388	M090535	KOEH	422032	M100049	CRMV	42755	H001034	CMI	4324844	X004538	BLDY
41968	P206324	WLKR	4204391	M120235	KOEH	4223	M060038	TRUX	42756	P207667	CMI	4324851	X004478	BLDY
41969	P206372	WLKR	4204408	M085208	KOEH	4224488	M120131	LETO	42758	P206282	WLKR	4324869	X004480	BLDY
41970	P206367	WLKR	4204754	H001279	KOEH	42246	J190023	WLKR	4276	P206519	INDIP	4324877	X004482	BLDY
41971	P206362	WLKR		H001279	TJAK	42247	P207353	WLKR	42760	P206280	WLKR	4327869	X004480	BLDY
41972	P206324	WLKR		H001279	HSTR	4225	M110189	TRUX		P206519	INDIP	43319	P208364	WLKR
41973	P206313	WLKR	4204757	H001284	KOEH	422509	M100048	PIE	42761	P206281	WLKR	43320	P208366	WLKR
41974	P206319	WLKR	4205	M120450	AP	42252	J009560	WLKR	42762	M190002	CMI	43328	M100463	RDRL
41975	P207386	WLKR		M120450	TRUX	42253	P207332	WLKR	42763	P207339	WLKR	43348	P206347	WLKR
41976	P206367	WLKR		M120450	GOE	42272	P206347	WLKR	42768	M120131	CMI	43366	P208348	WLKR
41977	P206373	WLKR	420560	J540008	XAIR	42288	P207328	WLKR	427704	J190004	PIE	43381	J034743	WLKR
41978	P206368	WLKR	4206	M101181	AP	422930C1	M090544	NAVI	428193	M100463	PIE	43382	J034744	WLKR
4197837A	M065044	ALMN		M101181	TRUX	42300	P206612	DFLX	4284330	J240006	BAESY	43405	M090538	SLAR
41979	P206363	WLKR		M101181	GOE	42300C	P206612	DFLX	42855	P206286	WLKR	4342589	P207536	CLRK
41980	P206325	WLKR	4206022	M120131	KOEH	42317	P206547	WLKR	42856	J009560	WLKR		P270536	CLJL
41981	P206314	WLKR	4206302	M120131	KOEH	42320	P208366	WLKR	42857	P207329	WLKR	4343150	P206410	VLVO
41982	P206320	WLKR	42066302	M120131	KOEH	42336	P206282	WLKR	42858	P206347	WLKR	4343154	X004482	VLVO
41983	P206368	WLKR	42067	J024754	WLKR	42338	J024836	WLKR	4288	J009487	INDIP	43438	P207340	WLKR
419838	M080018	WLDN	42068	J024755	WLKR	42339	J024838	WLKR	42880	J009487	INDIP	434836C1	M100464	NAVI
	M080018	MOB	42069	J024835	WLKR	42344	J190013	WLKR	4289	P206385	INDIP	434847C1	M090535	NAVI

Cross Reference

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
4352	P207363	XAIR	44665	P206382	AP	4571000106	M090158	IAMG	46653365	M120131	RSNB	47DG400	P206410	DFLX
43582	P208380	WLKR		P206382	TRUX		M090158	CEDAR	46664250	M060005	RSNB	47DG500	P206411	DFLX
43601	P206343	WLKR	44666	P207296	TRUX		M090158	CRPD	46665250	M070008	RSNB	47DG600	P207667	DFLX
43602	P206345	WLKR		P207296	AP	4571000112	M065065	CEDAR	46665770	M120154	RSNB	47G200	P206403	DFLX
436021401902	X004482	IRKA	44667	P206383	AP		M065065	CRPD	46665796	M090535	RSNB	47G225	P206404	DFLX
43606	P208324	WLKR		P206383	TRUX	4571000114	M065044	CEDAR	46665797	M090009	RSNB	47G250	P206405	DFLX
436198C1	M090146	NAVI	44668	P207320	AP	4571000117	M085206	CRPD	46665797M	M090009	RSNB	47G300	P206407	DFLX
4362138	P206614	VLVO	44669	P206386	AP		M085206	CEDAR	46665799	M090072	RSNB	47G350	P206409	DFLX
4362139	P270541	VLVO	44670	P207321	AP	4571000207	P207667	CEDAR	466817C1	M090170	NAVI	47G400	P206410	DFLX
43668	P207359	WLKR	44671	P206387	AP	4571000321	P206345	CEDAR	466984C1	M085023	NAVI	47G400CP	J009486	DFLX
43698	P207329	WLKR	44682	P206377	AP	457100114	M065044	CRPD	466984C91	M085023	NAVI	47G500	P206411	DFLX
43699	P207331	WLKR	44684	P206381	AP	45726	P208388	WLKR	467364C1	M100464	NAVI	47G500CP	J009487	DFLX
43718	P208358	WLKR	447124C1	M090146	NAVI	45727	P208394	WLKR	467614C1	M090170	NAVI	47G600	P207667	DFLX
43719	P208374	WLKR	447125C1	M090146	NAVI	45795531	M001702	VLVO	46778	P207289	WLKR	480489C1	M090170	CASE
437790C1	M090538	NAVI	44725	P207314	AP		M001702	IR	469801C1	M090535	NAVI		M090170	NAVI
43800135	P222755	IR	44728	P206376	AP	459M	M100466	VCOR	46A1020	M085056	FMC	4812727C2	M090547	NAVI
43846716	M065141	IR	44728Q	P206376	AP		M090781	VCOR		M085056	LKBT	481445C2	M090548	NAVI
	M065073	IR	44730	P207285	AP	45A0154X	M090158	FMC	46G300	P206600	DFLX	481727C2	M090547	NAVI
43846880	M001756	IR		P207285	GOE	45A1238	M100146	FMC	46G350	P206601	DFLX	482167C1	M090520	NAVI
	M002118	IR	44731	P207286	TRUX		M100146	LKBT	46G400	P206602	DFLX	482739C91	X004476	NAVI
43849355	M001756	IR		P207286	AP	45EST	J000219	ACFT	46G500	P206603	DFLX	482894C1	M120365	NAVI
	M002118	IR	44732	P207293	AP	45PLS	J190062	ACFT	46G600	P207596	DFLX	48450275	H001284	FMCO
43876716	M065141	IR	44734	P207318	AP	45R40	P270543	CASE	46U303	M065074	MOB		H001284	CASE
43897180	P207596	IR	44735	P207319	AP	460303	M065074	MOB		M065074	WLDN		H001284	NH
43904515	P222744	IR	44736	P206380	AP		M065074	WLDN	4700921989	M045237	DYPC		H001284	FIAT
	P222744	VLVO	44737	P207312	AP	4603865H1	M090544	DRSS	470263M91	M070068	MF	48450419	H001279	FIAT
43919646	M090210	IR	447662C1	M100052	NAVI		M090544	KTSU	470836C91	X004538	NAVI		H001279	FMCO
439248R91	M100049	NAVI	44786	P226142	AP	460568	J024757	WLDN	470837C91	X004478	NAVI		H001279	NH
43927623	P206325	IR		P226142	TRUX		J024757	MOB	470838C91	X004480	NAVI		H001279	CASE
439797C1	M100052	NAVI	44853	P206381	AP	460742000	P270540	TRJN	470839C91	X004482	NAVI	48488SC1	M090538	NAVI
43B25	M045237	GRDL		P206381	TRUX	460C119	P206850	CASE	4710519	M065074	MILR	485123C91	X004478	NAVI
440377C1	M100052	NAVI	44854	P207285	TRUX	460C129	P207367	SIGM	47129001005720	M100572	SUSN	485124C91	J009604	NAVI
44045	M085090	PETTI	44863	P216197	TRUX		P207367	CASE	47129002063260	P206326	SUSN	485934C1	M100465	NAVI
440737C1	M085023	NAVI	44GH96	P207667	GTMIN	460V6301	M100146	KOEH	47129002066000	P206600	SUSN	486089C1	M100463	NAVI
44126	P207287	WLKR	44J000233	J000233	PPOW	461091900	P270538	TRJN	47129002066020	P206602	SUSN	486109R91	M100465	NAVI
44127	P207292	WLKR	44M001505	M001505	PPOW	462513C91	M090544	NAVI	471382C1	M085023	NAVI	486118C1	M100465	NAVI
44280	P206311	WLKR	44M122300	M122300	PPOW	46300	P206608	DFLX	47150	P222748	DFLX	486118C1	M100465	NAVI
442926C1	M100464	NAVI	450275	H001284	CASE	46300CP	P206608	DFLX	47200	P206403	DFLX	48756	P270536	CRMY
442928C1	M090535	NAVI		H001284	FIAT	46300Z	P206600	DFLX	47225	P206404	DFLX	488710C2	M085189	NAVI
442930C1	M090544	NAVI		H001284	FMCO	463026C1	M090544	NAVI	4724170	P206542	GRVE	489737C91	X004476	NAVI
442937C1	M100464	NAVI		H001284	NH	46346	P206410	HAWK	47250	P206405	DFLX	489790C91	X004537	NAVI
44299	P207295	WLKR	450288030	X004478	PCFE	46350	P206609	DFLX	47275	P206406	DFLX	48992	P206317	VACT
44300	P207296	WLKR	450362	H001278	FIAT	46350CP	P206609	DFLX	47300	J000227	DFLX	48BM5120	P206369	AA
44301	P207285	WLKR		H001278	CASE	46350Z	P206601	DFLX	47350	J000228	DFLX	48BM5121	P207364	AA
44302	P206380	WLKR		H001278	NH	463541C1	M065065	NAVI	47400	J000230	DFLX	48BM5122	P206326	AA
444229C1	M100052	NAVI		H001278	FMCO	463765C1	M090170	CUC	474403	P208330	MOB	48BM5123	M100048	AA
44456	P206378	WLKR	450419	H001279	CASE	46400	M090170	NAVI	47450	J000231	DFLX	48C300	P206523	DFLX
44457	P206379	WLKR		H001279	FMCO	46400CP	P206610	DFLX	47500	J000232	DFLX	48C350	P206524	DFLX
4450	M070028	CRMY		H001279	FIAT	46400Z	P206602	DFLX	475354C1	M100463	NAVI	48C400	P206525	DFLX
4452	P206409	CRMY	45066	P207288	WLKR	46445800	P270539	DRBG	47600	J000233	DFLX	48C500	P206526	DFLX
445545L	J038611	XAIR	4507036R	M100016	DRSS	464643C1	M085023	NAVI	476349C91	J009606	NAVI	48C600	P206515	DFLX
445545R	J038612	XAIR		M100016	NAVI	46483200	P270540	DRBG	476663	M045193	MOB	48CH300	P206523	DFLX
44569	P206350	WLKR		M100016	FURU	46484400	H001035	DRBG	47786B	M090544	OKSH	48CH350	P206524	DFLX
44630	M070069	SLAR	4507036R1	M100016	CUC	46484500	M001504	DRBG	47786BX	M090544	OKSH	48CH400	P206525	DFLX
44634	P206381	WLKR	45074	M070068	KSHA	46485200	P208392	DRBG	4784	J000227	NH	48CH500	P206526	DFLX
44637	P206382	WLKR	4509	P207365	XAIR	46485300	P206411	DRBG	479002	P270532	AA	48G200	J009633	DFLX
44638	P206383	WLKR	45110SS	J009429	HDMI	46486400	P270541	DRBG	47972	P206331	WLKR	48RU2341	J009614	MACK
44653	P206379	WLKR	451232	P270541	MOXY	46500	P206611	DFLX	47976	P206331	WLKR	49006	P206331	WLKR
44654	P206378	WLKR	45185SS	P206540	HDMI	46500CP	P206611	DFLX	47978	P206333	WLKR	49008	P206333	WLKR
44656	P207287	TRUX	45190SS	J009429	HDMI	46500Z	P206603	DFLX	47984	P206331	WLKR	49009	J000127	WLKR
	P207287	AP	4523	P206380	NH	465971C1	M085023	NAVI	47987	P206333	WLKR	49010	P206334	WLKR
44657	P206378	AP	45233	P207290	WLKR	46600	P207598	DFLX	47988	P206331	WLKR	49011	P206335	WLKR
	P206378	TRUX	45247	P224710	WLKR	46600CP	P207598	DFLX	47989	P206331	WLKR	49012	P206336	WLKR
44658	P207292	AP	452508A1	J190061	MCC	46600Z	P207596	DFLX	47993	P206331	WLKR	4901271	M090544	WSTI
	P207292	TRUX	453142C1	M001327	NAVI	46634150	M065073	IR	47996	P206333	WLKR		M090544	VLVO
446583	M100048	FMCO	453180C1	M090072	NAVI	46651026	M100463	RSNB	47A0978	M090301	FMC	49014272	M100464	VLVO
44659	P206379	AP	45340	P208393	WLKR	46651029	M120108	RSNB		M090301	LKBT	49015280	M100464	WSTI
44661	P206388	AP	454305C91	M100464	NAVI	46651044	M120131	RSNB	47A978	M090301	FMC		M100464	VLVO
44662	P207317	AP	454306R91	M090544	NAVI	46651050	M100463	RSNB	47DG200	P206403	DFLX	49016	P206331	WLKR
44663	P206389	AP	45430891	M090535	NAVI	46652000	M090544	RSNB	47DG250	P206405	DFLX	49024	P206331	WLKR
44664	P207295	TRUX	454308R91	M100464	NAVI	46653350	M120100	TREX	47DG300	P206407	DFLX	49026	P206333	WLKR
	P207295	AP	45564	M070008	SLAR		M120100	RSNB	47DG350	P206409	DFLX	49027	P206338	WLKR

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	
49028	P226140	WLKR	49688	M060005	KTSU	501164	P206340	DMT	504926C1	M090563	NAVI	50EL67250A	J009560	ACFT	
49029	P226141	WLKR		M060005	DRSS	501170	M100043	TMRK	504943C1	M090535	NAVI	50EL90120A	P206347	ACFT	
49030	P226142	WLKR	49786	X004537	SLAR	501251	P270539	TMRK	504959C91	J009604	NAVI		P206347	PACC	
49031	P226143	WLKR	49787	X004476	SLAR	501252	P206602	TMRK	504960C91	J009605	NAVI	50EL90120C	P207346	ACFT	
49032	P226144	WLKR	499373	P207326	CMWK	501254	P206315	TMRK	505110	M060483	PDEL	50EL90121A	P206348	ACFT	
49032190	M120176	WGMCM	499495C1	M100464	NAVI	501258	M001702	TMRK	505491	M090520	VOEG	50EL90122A	J190003	ACFT	
49033	P226145	WLKR	499528C1	M085023	NAVI	501259	M001503	TMRK		M090520	GASP	50EL90122C	J190004	ACFT	
49033350	M090535	VLVO	4E13463	M070008	SHBR	5012654	X004482	NABI	505533	X006203	VOEG	50EL90123A	P207339	ACFT	
49034	P226146	WLKR	4H0243	P206344	LKBT	5012S	J240007	ACFT	50579085	M090170	IR	50EL90123C	J009547	ACFT	
49034037	M120131	WGMCM	4ME21698	J028528	MACK	5013708	X006203	IRKA	505881	M100048	DRDT	50EL90124C	P206354	ACFT	
	M120131	WSTI	4P5575	P207667	CAT		X006203	NABI	505897	P216197	GASP	50EL90220A	J190019	ACFT	
49034554	M090535	VLVO	4PS4174	M120100	CHLN	5014439	M120189	NABI		P216197	VOEG	50EL90224A	P207349	ACFT	
49035	P226147	WLKR	4W5119	P206409	CAT	501462C1	M090535	NAVI	505898	P207419	GASP	50EL90243A	P207365	ACFT	
49036	P226150	WLKR				501463C1	M100463	NAVI		P207419	VOEG	50EL90244A	P207332	ACFT	
49037185	M100464	WSTI				501464C1	M100465	NAVI	505899	P207596	GASP	50EST	J000217	ACFT	
	M100464	WGMCM				501471C91	J009606	NAVI		P207596	VOEG	50FBC	P206611	ACFT	
49037199	M090535	VLVO				5017090	M070069	SLVN	5066011	X004482	NABI	50FBZ	P206603	ACFT	
49037885	M120154	WSTI				501709012	M100016	SLVN	506960	P207341	GASP	50GZ	P206411	ACFT	
	M120154	VLVO					M100016	PALA		P207341	VOEG	50H0072	X004480	FMC	
49039302	M090072	WGMCM				50170907	M070069	PALA	507036R1	M100016	CUCC		X004480	LKBT	
49039303	M100463	VLVO				50170909	M065030	SLVN	507064	M070008	CLRK	50HD	J000232	ACFT	
	M100463	WSTI				50174500010	P270534	SLVN	507101	M060158	PDEL	50MP3401	P206338	AA	
	M100463	WGMCM				501745010	P270534	SLVN		M060158	OTWA	50MS236C	P216227	ACFT	
49039309	M100465	VLVO				50175250002	X004539	SLVN		M060158	TDYN	50MS248C	P216228	ACFT	
49041	P206334	WLKR				50175550004	X004484	SLVN	507120	M060251	OTWA	50MS260C	J540008	ACFT	
49042	P226148	WLKR				50175700003	X004482	SLVN	507122	M045193	PDEL	50PLA	J009607	ACFT	
49043	P206331	WLKR				501803	M090170	CLRK	507218	M045193	PDEL	50PLS	J009624	ACFT	
49043656	M090535	VLVO				50187850011	M120365	SLVN		M045193	TDYN	50RCC	P207838	ACFT	
49044	P226152	WLKR					M120365	JOY	508223	X004962	VOEG	50RCZ	P2070541	ACFT	
49044073	M100465	WSTI				50187850015	M065044	JOY	508420	M090158	DRDT	50S248C	P206389	ACFT	
	M100465	WGMCM					M065044	SLVN	508699	M090170	DRDT	50S260C	P206391	ACFT	
49044082	M080024	VLVO				50187850019	M120176	PALA	508705	M085023	WGMCM	50STA120	P206337	ACFT	
	M080024	WSTI					M120176	SLVN	508708	M085023	WGMCM	50TA	P206298	ACFT	
49044343	M100463	WSTI				50187850023	M100049	SLVN	50871714	M070028	IR	50TQ300AZ	J009604	DFLX	
	M100463	VLVO				50187850028	M085208	SLVN	508793C91	X007829	NAVI	50TQ350AZ	J009605	DFLX	
49045022	M100465	VLVO				501878507	M100048	SLVN	508795C91	X007830	NAVI	50TQ400AZ	J009606	DFLX	
	M100465	WSTI				501878515	M065044	SLVN	508796	P207324	MOB	50TQ500AZ	J009607	DFLX	
49047	P226140	WLKR				501878523	M100049	SLVN		P207324	WLDN	50TS118A	P207298	ACFT	
49049	P206333	WLKR				501878527	M100048	SLVN	508796C91	X007831	NAVI	50TS118C	P207309	ACFT	
49050	J000127	WLKR				501878528	M085208	SLVN	508797C91	X007784	NAVI	50TS200	X004536	DFLX	
49051	P206334	WLKR					M085208	PALA	508798C91	X007785	NAVI	50TS218A	P208392	ACFT	
49052	P206336	WLKR				501878529	M090595	SLVN	508804C1	M090548	NAVI	50TS218C	P206385	ACFT	
49056	P206337	WLKR				501878533	M085207	PALA	508887C91	X004482	NAVI	50TS225	X004537	DFLX	
49060	P226151	WLKR				501878535	M080018	PALA	508903C91	X004480	NAVI	50TS250	X004476	DFLX	
49062	P206338	WLKR				5018935	X004482	GRDR	50901719	M085090	IR	50TS275	X004538	DFLX	
49063	P226153	WLKR					X004482	GRDL	5092237	X007831	VLVO	50TS300	X004478	DFLX	
49064	P206337	WLKR				5018G	J024755	ACFT	50AA	J000203	ACFT	50TS350	X004480	DFLX	
49065	P206334	WLKR				5018S	P206555	ACFT	50CN305A	P206375	ACFT	50TS400	X004482	DFLX	
49066	P206334	WLKR				50191021	M070028	SLVN	50CS118C	P207309	ACFT	50TS400AZ	X006203	DFLX	
49077	P226148	WLKR				502393	P206309	IR	50CS124C	J024758	ACFT	50TS450	X004962	DFLX	
49091	P226141	WLKR					P206309	GASP	50CS136C	P216204	ACFT	50TS500	X004484	DFLX	
49092	P226148	WLKR				502492	P206309	VOEG	50CS148A	P207296	ACFT	50TS600	X004539	DFLX	
4910020	P226151	ELGN					M085056	IR	50CS148C	P207321	PACC	50X40R105A	P206233	ACFT	
4910021	P226152	ELGN					M085056	VOEG		P207321	ACFT	50X40R306A	P206317	ACFT	
49110A	M045123	NLSN					M085056	CRMY	50CS160C	P207302	ACFT	50X40R405A	P206328	ACFT	
49120A	M060037	NLSN					M085056	GASP	50CS172C	P216205	ACFT	50YTUBE	J092689	ACFT	
49120B	M060037	NLSN				502494	P206362	IR	50CS196C	P209910	ACFT	5100006	P206334	TIPP	
49125A	M065030	NLSN					P206362	CRMY	50CS218A	P208392	ACFT	51008	P207667	WILM	
49130A	M070068	NLSN				5024G	J024837	ACFT	50CS218C	P206385	ACFT	510112	P222748	ARV	
49135A	M070069	NLSN				5024S	J024838	ACFT	50CS224A	J024750	ACFT	5102	M090544	TBCR	
49140A	M080024	NLSN				502527	P270536	IR	50CS224C	J024751	ACFT	510205	X004536	MRMT	
49146	P206333	WLKR					P270536	CRMY	50CS236A	P208374	ACFT		X004536	MARE	
49150A	M090091	NLSN				50266964	M085056	IR	50CS236C	P208375	ACFT	510205CQ	X004536	MARWIL	
49159	P206334	WLKR				50266972	P206407	IR	50CS248A	P206383	ACFT	510230	X004537	MRMT	
49160A	M100016	NLSN				502852	M080024	TMCO	50CS248C	P206387	ACFT		X004537	MARE	
49161	P206336	WLKR				502879	P270543	TMRK	50CS260A	P208394	ACFT	510230CQ	X004537	MARWIL	
49162	P206337	WLKR				502882	P207667	TMRK	50CS260C	P208395	ACFT	510234	J000224	ARV	
492894C1	M120365	CUCC				502997	P208328	IR	50CS272A	P224600	ACFT	510255	X004476	MRMT	
494239160	P206607	CM				50300G	P226157	ACFT	50EL15260A	P206396	ACFT		X004476	MARE	
49540	M090538	SLAR				50300S	P226158	ACFT	50EL45105A	J190025	ACFT	510255CQ	X004476	MARWIL	
49660	X004478	SLAR				5030S	J024838	ACFT	50EL45106A	J190027	ACFT	510270	J009612	ARV	
496696	M090091	FWD				504808	M100463	TMRK	50EL45205A	P207354	ACFT				
						504886C1	M100465	NAVI							

Cross Reference

(See the first page of this section for the Manufacturer's Code Listing)



CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
510280	X004538	ARV	517212	J000221	ARV	52129	J024837	WLKR	53258B	M090535	OKSH	536954	M120108	MNTW
	X004538	MRMT	517214	J000222	ARV	521344	P206508	AGEM	53258BX	M090535	OKSH	5369540	M120100	MNTW
	X004538	MARE	517234	J000224	ARV	52135	P206400	WLKR	53259B	M090535	OKSH		M120108	GRVE
510280CQ	X004538	MARWIL	5179	P206382	NH	52154432	X004482	IR	532603	M070028	ECLD		M120108	MNTW
510295	J009611	ARV	5179058	M090009	GM	52154440	X004484	IR		M070028	CLRK	5369600	M100043	MNTW
510300	J000227	ARV		M090009	ALSN	52154457	X004539	IR	5326522011	P213191	GILB	536961	M090158	MNTW
510305	X004478	MRMT	5179206	M070008	ALSN	52154465	X004962	IR	53300	P226144	DFLX	5369610	M090158	MNTW
	X004478	MARE		M070008	GM	52167400	X004478	IR	5330012	J240003	DFLX	5369670	M120748	GRVE
510305CQ	X004478	MARWIL	518101	P206515	TDYN	52188	P207353	WIRG	5330018	P206552	DFLX		M120748	MNTW
510312	J000228	ARV	518110	M060483	PDEL	52189	P270539	WIRG	5330024	J240004	DFLX	536968	M190002	MNTW
510355	X006204	MRMT	5181515	M060005	GM	5219802	M065034	CASE	5331000013	M100146	TREX	5369680	M190002	MNTW
	X006204	MARE	519020014	M170101	JOY	5220817	M085023	CASE	533205M1	M060037	AGCO	536969	M100463	MNTW
510355CQ	X006204	MARE	519020018	M045237	SLVN	5222578	M120154	CASE		M060037	MF	5369690	M100463	MNTW
	X006204	MARWIL		M045237	JOY	52266152	M170101	IR	53333	M070008	KTSU	536975	M120235	MNTW
510370	P206605	ARV	519058	M120131	WGMC	522726	P206409	AGEM	53350	P226145	DFLX	5369750	M120235	MTWC
5103700	M100146	GRDL	5191020001	M070028	SLVN	522729	M001503	AGEM	5335012	J240003	DFLX		M120235	MNTW
510400	J000230	ARV	5191021	M070008	JOY	52284072	P207332	IR	5335018	P206553	DFLX		M120235	GRVE
510405	X006203	MARE	51910213	M065065	JOY	523254616	M085023	CANF	5335024	J024850	DFLX	5369770	M100048	MNTW
	X006203	MRMT	51910214	M170101	JOY	523269968	M100463	CANF	53350600	M002118	PALA	5369790	M100463	MTWC
510405CQ	X006203	MARWIL	51910218	M045237	JOY	523273707	M100146	CANF	533938	M090544	FWD		M100463	MNTW
510505	X006202	MRMT	5191025	P206406	SLVN	523665	M060037	STIL	53400	P226156	DFLX	5369860	P206512	MNTW
	X006202	MARE	5192730004	M070068	SLVN	523719C1	M100464	NAVI	5340012	J240006	DFLX	5369880	M090544	MNTW
510505CQ	X006202	MARWIL	5192734	M070068	SLVN	524258	M001566	AGEM	5340018	P206554	DFLX	537145D1	P224617	AGEM
5107090	M070069	JOY	5194700003	P206407	SLVN	525	M085189	GRMC	5340024	J024836	DFLX	53753	H001034	CRMY
51087850011	M120365	SLVN	5194700004	P206410	SLVN	52500389	M090301	BAKO	534948	M090146	TMTR	537890	M120108	WGMC
510998	M001502	TMRK	5194700012	P206411	SLVN	527121D1	J240007	AGEM	53500	P226158	DFLX	53793	P206304	CRMY
510CP	P206512	HDMI	5194700014	P206409	SLVN	527122D1	P224481	AGEM	5350012	J240007	DFLX	538454	P270534	XMN
5110	M085171	TBCR	51947012	P206411	SLVN	527123D1	P206555	AGCO	53500139	M085056	BAKO		P270534	AMC
511196	M065034	AGEM	51947014	P206409	SLVN		P206555	AGEM	53500179	M090170	ROSS	5384540	P270534	CLJL
5112	M100465	TBCR	5194705	P206406	SLVN	527124D1	J024755	AGEM		M090170	BAKO	538885	X004480	CAT
51200	P226148	DFLX	519514	P207362	AGEM	527224	M090158	SLAR	5350018	P206555	DFLX		X004480	MBSI
5122291	M100465	BDY	5195718	P206334	FMC	527766	X004484	MOGU	53500192	M070008	DFLX	539583	M120100	WGMC
512293C1	M065065	NAVI	5198459	P207362	FMC	528905	M090544	BRWY	5350024	J024838	DFLX	539585	M120100	WGMC
51250	P226149	DFLX	51986	M060005	KTSU	52892	M100463	URIG	53500308	P206410	BAKO	540008	J540008	AP
512736	M120100	BRWY		M060005	DRSS	5292627	M090170	CLRK	53500308	P206410	BAKO	540012	M085080	MOCH
5128503	H001279	FIAT		M060005	INSY	5294858	X004476	ECLD	5350036	J034674	DFLX		M085080	PRVT
	H001279	NH	5198667	P207364	FMC		X004476	CLRK	53500370	P206346	BAKO		M085080	MTRC
	H001279	HTHI	5198679	P206606	FMC		X004476	CLJL	53500374	M100146	BAKO	5401	M100049	TBCR
	H001279	CASE	51F500126	P224481	DFLX	5294859	X004482	ECLD	53500389	M090301	BAKO	540729403	M085080	EINT
51299832	M100146	IR	520197	M065065	INSY		X004482	CLRK	53500420	M120225	BAKO	54128	P224711	TRUX
51300	P226140	DFLX		M065065	BADG	5300248002	M120100	GILB	53500440	M100213	BAKO	541362	M100464	BRWY
51300002	P206311	IR	520198	M065034	INSY	5300248004	M120108	GILB	53500464	M070069	BAKO	541565	M090362	CAT
51300010	P206410	IR	520208	M070008	INSY	5300248006	M100043	GILB	53500495	M080024	PETTI		M090362	BLNT
51300622	P206336	IR	520255740	M090091	CANF	5300423	M002119	MOB	53501016	M085090	PETTI	541821	P270539	CAT
51350	P226154	DFLX	520325	M080018	INSY	5301	M090538	TBCR		M085090	BAKO		P270539	BLNT
5136151	M080019	ALSN	520328	M090074	INSY	53017	J038612	WLKR	53501019	M100043	BAKO	542125	P207282	BLNT
	M080019	DD	520330	M120131	INSY	53018	J038611	WLKR	53501057	M120131	BAKO		P207282	CAT
513624	M001703	TMRK	520331	M090158	INSY	5302	M120100	TBCR	53501063	M065044	PETTI	542199243	P206339	ELECT
51400	P226155	DFLX		M090158	BADG	5302277	M120154	GILB	53501457	P206340	BAKO	543000818	M080024	RVI
5140018	J024754	DFLX	520333	M100463	BADG	5302277000	M120154	GILB	53504057	M120131	BAKO	5430018S	P206544	DFLX
5140024	J024835	DFLX		M100463	INSY	5302322001	X004484	GILB	53505476	M085207	BAKO	5430059046	X004482	RVI
5140036	J034743	DFLX	520340	M100048	INSY	5302322002	X004482	GILB	53505478	P206280	BAKO	5430114473	M100213	RVI
514061	M090544	AGEM	520371	M120100	BADG	5302322003	X004538	GILB	53505566	M100049	BAKO	5430114924	X005207	RVI
514228	M085078	AGEM		M120100	INSY	5302322004	X004478	GILB	53506181	P207283	BAKO	5430114926	P270541	RVI
514312	P206509	VOEG	520372	M120108	INSY	53023222	X004482	GILB	535501D1	M002117	AGEM	5430119091	M100464	RVI
514313	P206543	VOEG	520373	M080024	INSY	5303	M120365	TBCR	535502D1	M002120	AGEM	5430127346	X004484	RVI
514347	X004482	AGEM	520376	M085008	INSY	530372	M120225	BADG	535671	M100464	BRWY	5430127348	M100463	RVI
514354	X004538	AGEM	520379	M085023	INSY	5307171	M120365	GILB	5360018	P206556	DFLX	5430127349	M090091	RVI
514643C1	M085008	NAVI	520541C1	M090280	NAVI	5307171000	M120365	GILB	5369070	M070008	MNTW	5430127350	P206365	RVI
51500	P226157	DFLX	52058	P207341	WLKR	53094	P206345	WLKR	5369120	M090009	MTWC	5450018S	P206547	DFLX
5150018	J024755	DFLX	5205875	P270539	CLRK	5311178000	M120189	GILB		M090009	MNTW	5454	M060037	HARL
5150024	J024837	DFLX	52069	P206547	WLKR	53117778	M085008	WGMC	536917	M120100	MNTW	545546	M090074	CLRK
5150036	J034744	DFLX	5209070	M080018	CASE	531815R1	M065030	FURU	5369170	M120100	MNTW	54713	P207299	AP
51503	M170101	URIG	52092301	P206400	IR		M065030	CASE	5369220	M080024	MNTW	54714	P207300	AP
515717800	M060232	NACO	5209443	P207282	ECLD		M065030	KTSU	536933	M070050	MNTW	54715	P206390	AP
51608123	X007785	IR	5209756	M090158	VLVO	532124C1	M120365	NAVI	5369330	M070050	MNTW	54716	P206391	AP
51608131	P207331	IR		M090158	ECLD	532347R91	M120365	NAVI	5369330	M070050	GRVE	54718	P208393	AP
51608149	P270541	IR		M090158	CLRK	53247C91	M090544	NAVI	536951	X004476	DAEW	54719	P207288	AP
51616795	P207364	IR	52097862	P206344	IR	532503	P226152	DFLX		X004476	SCHAE	54720	P207289	AP
51616803	P270539	IR	52119	P206346	WLKR	532503	M070028	ECLD		X004476	NOBEL		P207289	TRUX
516637	X006202	AGEM	52128	J024835	WLKR					X004476	TIM	54721	P207290	TRUX
517200	J000220	ARV								X004476	CAT		P207290	AP

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
54722	P207302	TRUX	54CP	P206508	HDMI	565243	P206410	OMML	583200338	M080024	CETCO	59656553	M060037	IR
54723	P207301	AP	550038022	M070068	CMCO		P206410	BLNT	583964C91	X004537	NAVI	59700534	M120108	IR
54724	P207302	AP	550038023	M085090	CMCO	5652480	P206385	MNTW	583965C91	X004476	NAVI	597126	M120131	EMOI
54725	P208388	AP	550038382	M100146	CMCO	565477	M065071	BLNT	583966C91	X004538	NAVI	597256	M120225	EMOI
	P208388	TRUX	55006	P226142	WLKR		M065071	CAT	583967C91	X004478	NAVI	597286	M120225	EMOI
54726	P208394	AP	55016620	X004482	TMRK	565478	P270534	CAT	583968C91	X004480	NAVI	59801860	H001039	IR
	P208394	TRUX	5504	M170101	CYPR		P270534	BLNT	583969C91	X004482	NAVI	5987323	M090074	AMEC
54727	P208389	AP	55049	M080024	PTBN	5672	P206546	CNLC	583975C91	J009604	NAVI	59902	P270536	GNRC
54728	P208395	AP	55098	P270541	CRMY	56774953	M120197	IR	583977C91	J009605	NAVI	59939	P270533	GNRC
547379C1	M120176	CUCC	551032	M120108	JHEI	56776198	M120100	IR	583978C91	J009606	NAVI	59940	P270538	GNRC
54764105	M100016	IR	551045	M100465	XAIR	56778699	X004482	IR	5840015	M090535	GRDL	59A2283	P206311	LKBT
54826	M090280	ECS		M100465	JHEI	56785983	P206410	IR	584173C1	M090781	NAVI		P206311	FMC
548287C1	M100463	NAVI	5510M	M100465	VCOR	56793318	P206345	IR	585171	M085171	JHEI	5E2100	P206309	RYGO
54831	J034744	TRUX	55132	P206403	CRMY	56897978	M120225	IR	585CP	P206510	HDMI		P206309	CAT
548450	P206372	ARV	55133	P207333	CRMY	56927973	P270541	IR	586606C1	M100465	NAVI	5E7868	P270535	CAT
	P206372	MRMT	55134	P206328	CRMY	56936396	M170101	IR	586607C1	M100465	NAVI		P270535	TIM
548540	M085171	JHEI	552046608	P270541	LEBR	5695144	P206508	XAIR	58711B	M080024	KTSU	5M090595	M090595	JHEI
548804C1	M090548	NAVI		P270541	ENMT	56951510	P206512	XAIR	58861444	M090598	IR		M090595	ECS
54906B	M090544	OKSH	5520476	P270540	ENMT	56951585	P206510	XAIR		M090598	VLVO	5040A	P207394	GRMC
549340	M120108	WGMC		P270540	LEBR	5695159	P206511	XAIR		M090598	ABG	5PS4174	M120108	CHLN
54945	M090544	JHEI	552047608	P270540	ENMT		P206511	ECS	58877952	J009606	VLVO		M120108	RCHD
549464C1	M060232	CUCC		P270540	LEBR	569818	P206641	XAIR		J009606	IR	5Q7026	P270540	CAT
	M060232	NAVI	552070714	H001039	LEBR	56CP	P224492	HDMI	588897896	M085023	UNCT		P270540	TIM
549465C1	M065065	CUCC		H001039	ENMT	57031403	M090535	IR	588897898	X007830	UNCT	5Q7623	M001279	CAT
	M065065	NAVI	552596	P206309	CMPR	57037558	M100465	IR	588897899	P206407	UNCT		H001279	TIM
549468C1	M085008	CUCC		P206309	LROI	57049116	P206339	IR	58932450	P206603	IR	5Q7626	P270536	CAT
549469C1	M085023	NAVI	5525961	P206301	LROI	57165268	X007784	IR	58933623	M085056	SKYJ		P270536	TIM
	M085023	CUCC		P206301	CMPR	57165276	X007785	IR		M085056	IR	5Q8753	M100572	CAT
549470C1	M085023	NAVI	5529992000	P207366	GILB	5717377	P206378	FIVE	58933631	P206340	IR	5Q8788	P206327	CAT
549471C1	M100043	CUCC	55336	P206410	FNEQ	57200B	M090146	OKSH	59075CP	P206511	HDMI	5XA601	M085208	COUG
549472C1	M100048	CUCC	553832	M100146	CMCO	57200BX	M090146	OKSH	590CP	P206511	HDMI	5XA605	P270536	COUG
549475C1	M090158	CUCC	5540004200	X004539	ATCO	57201B	M070028	OKSH	5910121	M045193	KOEH			
549479C1	M120176	CUCC		X004539	WGNR	5720341	M065071	FIVE	59137851	P206600	IR			
549480C1	M120189	CUCC	5540175500	M122300	ATCO		M065071	ATHEY		P206600	SKYJ			
549483C1	M100464	NAVI		M122300	WGNR	5720547	P207347	ELGN	59157701	P206324	IR	600058001	P270543	VMER
549511C91	X004539	NAVI	5540210200	P206607	WGNR	5721119	P207333	ELGN	59189100	M085090	IR	6000580011	P270543	VMER
549555C91	X004476	NAVI		P206607	ATCO	5721121	P270532	ELGN	5931173	X004484	AMEC	6001030011	X006202	VMER
	X004476	CUCC	5540483400	X004962	ATCO	57284	J000202	CRMY	5931174	X004482	AMEC	6002355	M100048	CLRK
	X004476	FURU		X004962	WGNR	57285	J000203	CRMY	593120081	M001327	KTSU	60026	M065044	GRST
	X004476	DRSS	5541095600	P206606	ATCO	57304743	P206280	IR		M001327	CETCO	60026	M065044	HRCN
549556C91	X004478	CUCC	5541602	M085056	CMCO	5733008	P206407	KOEH	593121085	P224617	CETCO	6003255	M100464	CLRK
	X004478	FURU	5541746600	P206314	ATCO	5735602	P207326	KOEH		P224617	KTSU	6006049	M090072	CLRK
	X004478	DRSS	5542	X004533	CRAN	5735603	P207326	KOEH	5931971	X004480	AMEC		M090072	VME
	X004478	NAVI	5542015000	P206328	ATCO	574554401	M085411	ELECT	59372599	P207281	IR	60090ETR	P207366	AJMC
549557C91	X004480	FURU	5545	X004478	CRAN	574554601	P206408	ELECT	59372615	P206409	IR	60094217	M085090	BROD
	X004480	DRSS	5546	X004480	CRAN	574554801	P207362	ELECT	594070	M085056	GTMN	60094381	M045237	BROD
	X004480	CUCC	5547	X004482	CRAN	5745549701	M002119	ELECT	594270	P206374	GTMN	60094406	M080018	BROD
	X004480	NAVI	5550035	X004536	OMNI	575480	P206543	ECS	594271	P206410	GTMN	60094519	M090301	BROD
549558C91	X004482	DRSS		X004536	COMPAC	5758068C1	M090563	NAVI	594308	P206370	GTMN	60094542	P224669	BROD
	X004482	FURU	555005016001	P206555	CMI	5759513	P206542	XAIR	594309	P206322	GTMN	600A1016	P206338	AP
	X004482	NAVI	555005018000	P207283	CMI	579711	X005207	XAIR	594317	P206282	GTMN		P206338	TRUX
	X004482	KTSU	55528	M090595	JHEI	57991408	J190003	IR	594329	P207326	GTMN	600C1016	P206338	AP
	X004482	CUCC	5554373	X007829	SNKL	57991416	J009645	IR	59450254	M060055	SKYJ		P206338	TRUX
549559C91	X004484	DRSS	5557	P206607	CRAN	57A0936	M100466	FMC		M060055	IR	6010469	M085056	ECLD
	X004484	NAVI	555M045193	M045193	ALMD		M100466	LKBT	59450262	M065034	IR		M085056	SISU
	X004484	FURU	557686	M100463	VLVO	580136	H001279	HDMA		M065034	VLVO		M085056	VALM
549563C91	X004536	DRSS	55945	M090535	JHEI	58167925	M100463	IR	59456103	P206406	IR	601354	P270538	Marine
	X004536	FURU	559903	P206410	AGEM	58173378	X004484	IR	594610	X004478	GTMN	601355	M090158	Marine
	X004536	NAVI	55CP	P206509	HDMI	58173386	P206411	IR	594647	P207362	GTMN	601356	P270538	Marine
549564C91	X004537	DRSS	5605586	M120131	ENMT	58195751	P207322	EIMC	594979	M060055	GTMN	602499001	P207332	VMER
	X004537	CUCC		M120131	LEBR	58195777	P206507	EIMC	59512814	M080018	IR	6024990011	P207332	VMER
	X004537	NAVI	5606629	M120176	LEBR	58198235	M100213	IR	595182	M085207	GTMN	602588	P270534	Marine
	X004537	FURU		M120176	ENMT	582122C1	M090781	NAVI	595234	M100146	GTMN	602616	M065044	Marine
549565C91	X004538	NAVI	56109	H001035	VLVO	582123C1	M090781	NAVI	59534321	M085008	IR	6031328	M100146	DUHR
	X004538	FURU		H001035	CRMY	58259321	P207355	IR	59536524	M090159	IR	603165	P270539	Marine
	X004538	DRSS	5611585	X004482	ENMT	58259329	P207341	IR	59548594	M045193	IR	603923001	M001503	VMER
549611C91	X004539	DRSS		X004482	LEBR	5826466	X004480	GRDR		M045193	VLVO	603924001	M001505	VMER
	X004539	FURU	563023	P270536	CAT		X004480	GRDL	595707M91	M090091	AGCO	6039240011	M001505	VMER
	X004539	NAVI		P270536	BLNT	5826861	M120365	GRDL	59595	P270540	GEHL	604129	P207362	MTWC
54962	M090544	FWD	563109	P206407	CAT	5826864	M120225	GRDL		P270540	GNRC	604470	P206372	GTMN
54984	P206390	TRUX		P206407	OMML	5827462	M090158	GRDL	5959768	M100049	FLYR	604476	P206321	GTMN
54985	P208393	TRUX		P206407	BLNT	5829628	M120108	GRDL	59626663	M080024	IR	604477	P206345	GTMN
54991	P207288	TRUX	565231	M120131	WGMC				59626671	M070068	IR	604534	P206341	GTMN
54993	P224710	TRUX								M070068	VLVO			

Cross Reference

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
604631	P270541	Marine	62104449200	P206603	KOEH	64106926	X004482	EIMC	652492	P206554	LROI	68106374	P207596	TMRK
604809	P206397	GTMN	6210451550	M120365	NWEG		X004482	SDVK	652493	P206326	CMRPR		P207596	SDVK
604964	X004536	GTMN	62104524	M090009	NWEG		X004482	TMRK		P206326	LROI		P207596	EIMC
604965	P206306	GTMN	62104526	M090091	NWEG	64108268	P206411	SDVK	652504	P207322	LROI	6811502	M080018	CDIV
604966	M045237	GTMN	62104527	M100016	NWEG		P206411	EIMC	652535	P207341	LROI	6811503	P206600	CDIV
605042	P207364	GTMN	62104543	M120225	NWEG		P206411	TMRK		P207341	CMRPR	68122680	P226140	EIMC
605091	P207324	GTMN	6211458	P206519	FMC	64116798	P206407	EIMC	65297S1	M100043	SEDD	68122681	X004478	SDVK
605323	M065044	GTMN	6216199	M065030	HRCN	64116949	P206410	TMRK	6530	P206407	XAIR	6814910400	M120448	MERS
605337	P206328	GTMN	62182	M080018	HRCN		P206410	SDVK	6535	P206409	XAIR		M120448	FRTL
605338	M065034	GTMN	62183	M070068	HRCN		P206410	EIMC	6540	P206410	XAIR		M120448	CAT
605358	P206308	GTMN	6222668	P207389	LNDL	64118734	P206603	SDVK	6550	P206411	XAIR	6814910700	M120450	MERS
605405	M090544	AGEM	622362	P207341	EMOI		P206603	EIMC	65760001	P208338	VMER		M120450	WSTI
605409	P206410	AGEM	62244	J190058	HRCN		P206603	TMRK	657600011	P208338	VMER		M120450	CAT
605441	P206407	AGEM	6224934	M065073	LNDL	64119242	P206347	EIMC	65805	P270541	GNRC	6815	M090009	NAVI
605457	P206319	GTMN	6230	P206600	XAIR	642050	M065030	FVD	65806	P270543	GNRC	682684	P270538	TMRK
605477	J009640	GTMN	6232815	M120131	ECLD	6426225	X004482	LEBR	65901	M065065	RKRM	685217	M090544	GM
606740	P226149	Marine		M120131	VME	6426229	X004484	LEBR	660098	M120100	GM	685350L1	M100049	DREO
606T122	M065071	FMCO		M120131	VLVO	6426600	M070068	LEBR	66200	X004536	JHEI	685478	M100213	TMRK
60857703	M085078	LEAR	62332	P207414	HRCN	6427162	X004480	LEBR		X004536	XAIR	685703L1	M120100	DREO
60901	M060232	RKRM	6235	P206601	XAIR	64400606	P207667	EIMC	66225	X004537	XAIR	685946	M101182	EMOI
60BM1357	P270541	AA	623631226X1	P270538	FURU	64544223	P206407	SDVK	66250	X004476	JHEI	686072	P206603	TMRK
60EST	J000218	ACFT		P270538	DRSS		P206407	EIMC		X004476	XAIR	686082	P270541	TMRK
60FBC	P207598	ACFT	6240	P206602	XAIR	64558024	M090091	SDVK	66275	X004538	JHEI	686420	M060055	U C
60FBZ	P207596	ACFT	6250	P206603	XAIR	64572841	M045237	SDVK		X004538	XAIR	686424	M090074	U C
60GZ	P207667	ACFT	62548	M090091	HRCN	64673	P216202	TRUX	66300	X004478	XAIR	687820	P206283	U C
60PLA	J190055	ACFT	6260	P207596	XAIR	64804136	M100146	EIMC		X004478	JHEI	687824	P206312	U C
60PLS	J190063	ACFT	62712	J190042	HRCN	64804786	M065071	EIMC	663283	M090074	GM	687828	P206344	U C
60RCZ	P270543	ACFT	6299	J190014	NH	64806596	M080018	EIMC	6633766	P270532	CLRK	687832	P206348	U C
60STA120	P206338	ACFT	62W2269	M090159	KOOT		M080018	SDVK	66350	X004480	TESSI	687836	P206407	U C
60X50CS148C	P207321	PACC	62W9012	M080018	KOOT	648808	X004536	MCHC		X004480	XAIR	687840	P206410	U C
60X50CS160C	P207302	PACC	6300	P207363	NH	648810	X004537	MCHC	66362	X007829	NOBEL	687844	P206411	U C
60X50CS196C	P209910	PACC	631204500	X004482	VH	648812	X004476	MCHC		X007829	SCHAE	687860	P206602	U C
60X50CS248C	P206387	PACC	631204510	J024836	VH	648814	X004538	MCHC		X004482	TESSI	687864	P206850	U C
60X50CS260C	P208395	PACC	6317331	P206328	NABI	648816	X004478	MCHC	66400	X004482	JHEI	687868	P207361	U C
60X50R106A	P207402	ACFT	6320	J000220	XAIR	648820	X004482	MCHC		X004482	JHEI	687876	P207596	U C
610	M065065	AP	63229	M120418	HRCN	648822	X004484	MCHC	66496	P207362	TYLE	687884	P208393	U C
6100481	P206282	TIPP	63238	M060037	WKSA		X004484	CNLC	66500	X004484	XAIR	687888	P206603	U C
61192	P270531	GNRC	63239	P270533	GNRC	64955	P206315	HRCN		X004484	XAIR	688557	M090301	TMRK
61225	X004537	TBCR	6325	J000221	XAIR	64956	P206317	HRCN		X004484	JHEI	689132	X004484	U C
61240007	M120154	TBBI	6330	J000227	XAIR	6501351	M120365	SEDD	66500F	X007785	JHEI	689136	X004536	U C
61240011	M110674	NAVI	6335	J000228	XAIR	65119192	M060037	CLJL	66600	X004539	TESSI	689164	X006202	U C
	M110674	FRTL	63361	P270838	CRAN		M060037	CLRK		X004539	XAIR	689168	X004484	U C
	M110674	TBBI	6340	J000230	XAIR	651562	J190042	LROI		X004539	JHEI	689172	X004539	U C
61240015	M085171	TBBI	63407	P206369	HRCN		J190042	CMRPR	669473	P206404	CLJL	689176	X006203	U C
61240016	M085078	TBBI	63462	P207355	HRCN	651563	P207326	CMRPR	66U13753	X004478	TCLD	69000400	P206849	EIMC
61240169	M120713	TBBI	6350	J000232	XAIR		P207326	LROI		X004478	CALD	69008773	X004537	SDVK
61240385	P206311	TBBI	63510	M060250	EAGP	651567	P206280	LROI		X004478	CALD		X004537	TMRK
61250	X004476	TBCR		P206374	HRCN		P206280	CMRPR	66U1375301	X004536	TCLD	69008774	M170101	EIMC
61275	X004538	TBCR	63552040	P206556	KTSU	651570	P207362	LROI		X004536	CALD	69008926	P222751	SDVK
61300	X004478	TBCR		P206556	MH	651571	P207362	CMRPR	66U21491	M045237	CALD	69013569	X004476	EIMC
61350	X004480	TBCR		P206556	DMAG		J008681	CMRPR	671732	M090158	TMRK	69015849	X004536	EIMC
61400	X004482	TBCR	63552140	X004539	MH		J008681	LROI	671733	M120225	TMRK		X004536	SDVK
614042724	P226152	CAM		X004539	DMAG	651575	P207366	LROI	67362	M080024	ATHP		X004536	TMRK
	P226152	PRIN		X004539	KTSU		P207366	CMRPR	67496	M060158	WLDN	69033512	P207366	EIMC
61500	X004484	TBCR	63586	P206370	HRCN	651581	P207408	CMRPR	6751378	M120100	AMLF		P207366	SDVK
61573	P216175	HRCN	63696S1	M070069	SEDD		P207408	LROI	676533	M100464	GM		P207366	TMRK
61574	P206338	HRCN	63898	P207282	HRCN	6519192	M060037	CLJL	6772134	X004480	VLVO	69040237	P206340	SDVK
61599	P207408	HRCN	640001	J640001	AP		M060037	CLRK	6772734	X004480	VME	690420R91	M120100	NAVI
61600	X009076	HRCN	640008	P224600	AP	651997	M100049	GM		X004480	VLVO		M120100	CASE
	X004539	TBCR	64045	P207402	HRCN	652468	P207365	LROI		X004480	ECLD		M120100	CUCU
617890001	M001668	VMER	64101298	P206408	EIMC		P207365	CMRPR	6779670	X004478	ECLD	691318	M100464	GM
6181929	M100572	ELGN		P206408	TMRK	6524682	P207365	LROI		X004478	VME	69427B	M100463	OKSH
	M100572	ATHEY		P206408	SDVK	652469	P207283	CMRPR	680013	M070008	NAVI	69445089	M045237	AGEM
6187303	M085023	ATHEY	64106179	X004478	EIMC		P207283	LROI	680033	M070050	NAVI	6953201	M065030	TRJN
	M085023	ELGN		X004478	SDVK	652474	P206346	CMRPR	68010	M100464	NAVI	695423	M100464	GM
6202245	M060037	FMC	64106591	X004539	EIMC		P206346	LROI	680400	M065065	TMTR	695424	M100048	GM
62027	M065030	HRCN		X004539	SDVK	652475	P207282	CMRPR	680401	M100048	TMTR	69941B	M100465	OKSH
6202728	M065030	FMC		X004539	TMRK		P207282	LROI	680402	M120100	TMTR	69941BX	M100465	OKSH
6203000009	X004484	MLS	64106592	X007785	TMRK	652490	P206344	LROI	6804900201	M110148	MERS	69A0122	M085056	FMC
6203000013	M090595	MLS		X007785	EIMC	652491	P206362	LROI		M110148	FRTL		M085056	LKBT
6203577	P270536	ELGN	64106599	X004480	SDVK	6524911	P206361	LROI		M110148	FRTL	6A1145	M080024	PETTI
6206115910	X007829	KTSU		X004480	EIMC		P206361	CMRPR	6804900401	M110112	MERS	6HD247	P206410	OKSH

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Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
610144	X007805	BABR	70P206343	P206343	AST	7300000272	X004476	MTWC	7409017000	M090170	CHARD	76046685	M100463	BADG
	X007805	CAT		P206343	ASTEC		X004476	GRVE	7409020600	M090535	CHARD	76046734	X004480	WRNR
6PS4174	M090535	CHLN	70P206344	P206344	ASTEC	7300000971	X004476	MTWC	7410004800	M100048	CHARD		X004480	BADG
	M090535	RCHD		P206344	AST		X004476	GRVE	74103400	X004478	ENMT	76047417	M100049	BADG
			70P206369	P206369	AST	7300001003	X004536	MTWC		X004478	LEBR	76047483	M120225	BADG
				P206369	ASTEC		X004536	GRVE	7412010800	M120108	CHARD	76047717	M090535	BADG
			70P207326	P207326	AST	7300100029	X007833	GRVE	7412018600	M120365	CHARD	76048156	X004478	BADG
700073228	M060247	KBTA		P207326	ASTEC	73061486	M100043	FIAT	741238002	P206409	AGEM	76049046	M100043	BADG
7000302389	X004482	IKRS	70P207402	P207402	AST		M100043	CASE	7413123	H001034	LEBR	76050047	X004476	BADG
7000320364	P206364	IKRS		P207402	ASTEC		M100043	NH		H001034	ENMT	76050048	X004538	BADG
7000320393	P208393	IKRS	7100090	M100049	KOEH	73061656	M085023	FIAT	74131239814046	H001034	LEBR	76051472	X004482	BADG
7000320411	P206411	IKRS		M100049	TREX	73061668	M085023	NH		H001034	LEBR	76054143	M100091	BADG
7000327541	P270541	IKRS	71040225	P270534	TJMG		M085023	FIAT	7415294	M070069	LEBR	76059877	M100146	BADG
700353500	H001284	KOEH		P207362	HOIST	73111489	X004478	FIAT	7415447	P206544	LEBR	76062464	M085078	BADG
	H001284	TJAK	71151108	P207362	HOIST		X004478	CASE	7415448	P207386	LEBR	76065186	M085171	BADG
	H001284	JNDR	71173007	M100146	GRDL		X004478	HTHI	7420053400	P270534	CHARD	76066741	J009648	BADG
700701176	P206555	NH	712001	M085008	KMBL		X004478	NH	7420134600	P206406	CHARD	76067164	X004484	BADG
	P206555	FIAT	712001	M085023	KMBL	73121002	H001033	NH	7420500200	P270532	CHARD	76072056	M100572	BADG
	P206555	CASE	712004	M070069	KMBL		H001033	FIAT	7420500600	P270536	CHARD	76072870	M100463	BADG
700701264	P207419	CASE	712005	M080024	KMBL	73182	M091047	RSCO	7420500700	P270538	CHARD	76079257	M120365	BADG
	P207419	FIAT	712042	M070068	KMBL		M091047	BRLEE	7420501100	P270542	CHARD	76079720	M1090544	BADG
	P207419	NH	71316859	H001279	AGCO	73183	M002120	RSCO	74350C	P207582	DFLX	76080439	M085090	BADG
700702200	X004539	CASE	7133300	X004536	KARP		M002120	BRLEE	7450000092	P206612	MTWVC	76080458	M070068	BADG
	X004539	FIAT	7133400	X004537	KARP	73184	J190044	BRLEE		P206612	GRVE	76080988	J034673	BADG
	X004539	NH	7133500	X004476	KARP		J190044	RSCO	7450000109	P206615	GRVE	76082813	M100049	BADG
700715571	X007830	CASE	7133600	X004538	KARP	73185	J190014	BRLEE		P206615	MTWVC	76084889	P206600	FIAT
	X007830	AGCO	71337	M100049	FLYR		J190014	RSCO	7450000166	P206615	GRVE	76085702	M002121	BADG
700715572	J240004	CASE	7133700	X004478	KARP	73331	M100464	FDQN	745017	P207581	DYPC	76093320	J009637	BADG
	J240004	AGCO	7133800	X004480	KARP	733870	M001503	CAT	750	M090091	EAGL	76093321	P206311	BADG
700716741	P206319	HAY	7133900	X004482	KARP	7362899	X004484	ENMT	75024	P206411	FMHD	7611247	P206410	LEBR
	P206552	CASE	7134000	X004484	KARP		X004484	LEBR	7510057	M100043	PTBM	76164	M085090	PBRN
	P206552	HAY	71368964	P206365	DETT	736289903	X004484	LEBR	7524005210	P206411	GE	761880010	X004484	HRSN
	P206552	AGCO		P206365	AGCO	7364001293	P206315	MTWVC	753980C1	M090535	NAVI	7618810	X004484	HRSN
700717720	P207322	CASE	71397878	P270540	HAY		P206315	GRVE	753980C91	M090074	CUCC	7618812	X004478	HRSN
700725495	P226144	AGCO	71405382	X004476	HTHI	7364001704	P206326	MTWVC		M090074	NAVI	7618889	X004482	HRSN
	P226144	HAY		X004476	FIAT		P206326	GRVE	7567407803	P206367	IR	7621247	P206602	LEBR
700727325	P207402	HAY	7140871	M100466	TREX	7365029	X004539	ENMT	7567507802	P206600	IR	7621826	P206601	LEBR
	P207402	AGCO		M100466	KOEH		X004539	LEBR	76009164	M070008	BADG	7624000028	M090535	GRVE
7009031763	P271507	KBTA	7146489	P270541	TYLE	7365810	P270541	ENMT		M070008	GRDL	7624000049	M100465	GRVE
701046200	H001279	JNDR	716177	M120108	KSHA		P270541	LEBR	76018489	M070068	BADG	762782C92	M120108	NAVI
	H001279	TJAK	7170177	M100465	KOEH	7366270	P206323	LEBR		M070068	WRNR	762783C91	M100048	CUCC
7013000112	J009514	MTWVC		M100465	TREX		P206323	ENMT	76018805	M085056	WRNR	7630255	M060158	OMNI
	J009514	GRVE	717202	M120197	GM	73671042	M090210	GRDL		M085056	BADG	763196C91	M090074	NAVI
70170	P207369	HRCN	717214	M100464	GM	7368830	P271511	LEBR	76018849	P206407	BADG	763C003	P207367	SIGM
70177	P206850	IR	717217	M100464	GM	7368952	P207667	LEBR		P206407	GRDL	764077	M065074	TENT
7018	M085008	CASE	717308	M090535	GM		P207667	ENMT	76020614	M045237	BADG	764120	P270534	TENT
70199467	P206410	MIIN	718051	M100464	GM	740	M080024	EAGL		M045237	WRNR	7642000025	M065034	GRVE
	P206410	FIAT	718CP	P206641	HDMI	7400448200	X004482	CHARD	76022356	M085023	BADG	7642000027	M090544	GRVE
	P206410	NH	7200	M060037	ME	7401755	P270543	LEBR		M085023	GRDL	7642000028	M090535	GRVE
70202	P206337	HRCN		M060037	ME		P270543	ENMT	76025334	M085008	GRDL	7642000031	M090170	GRVE
7024938	P206410	FIAT	720000	M045237	AGEM	7404512300	M045123	CHARD		M085008	WRNR	7642000036	M090146	GRVE
	P206410	NH	72003655	M060037	ME	7404783	M100016	ENMT	76025334	M085008	WRNR	764200004	M070008	MTWVC
703130	M065071	SHUT	720190011	M100463	VMER		M100016	LEBR		M085008	BADG	7642000009	M100048	GRVE
7037000002	M060037	GRVE	72112	M090280	BRLEE	7406000151	P207339	MTWVC	76026291	M120108	BADG	7642000012	M091046	GRVE
7037000504	M070069	GRVE		M090280	RSCO		P207339	GRVE		M120108	GRDL	7642000020	M100464	GRVE
	M070069	MTWVC	72113	P206311	RSCO	7406000158	P206340	GRVE	76026399	P206409	BADG	7642000022	M090544	GRVE
7056100001	M002122	GRVE		P206311	BRLEE	7406000163	P207332	GRVE	7602691	M120108	GRDL	7642000024	M100463	GRVE
	M002122	MTWVC	721239005	P206410	AGEM	7406000179	P207351	MTWVC	76027177	P206411	GRDL	7642000028	M090535	MTWVC
7056100010	M002119	GRVE		P206410	AGEM		P207351	GRVE		P206411	BADG	7642000029	M085090	GRVE
706186	M120365	GM	7221516	X004480	OK	7406000443	P206310	GRVE	76031368	M100049	BADG	7642000031	M090170	GRVE
707024722	P270539	FIAT		X004480	TREX		P206310	GRVE	76032138	M100049	WRNR	7642000032	M085226	GRVE
	P270539	CASE	72525770	P207339	AGCO	74060003700	M060037	CHARD		M100049	BADG	7642000033	M085226	MTWVC
	P270539	NH	7258000828	P270530	GRVE	74060003700	M060158	CHARD	76034168	M120176	BADG	764200004	M070008	GRVE
708799512	X004484	CASE	7258000829	P270531	GRVE	7406503000	M065030	CHARD	76036048	M070069	BADG	7642000041	M100463	GRVE
	X004484	FIAT	727321001	M110012	JNDR	7406504400	M065044	CHARD	76036827	M080024	BADG	7642000045	M100464	GRVE
	X004484	NH	728599	M090535	TREX	7407006800	M070068	CHARD	76039812	M070068	BADG	7642000051	M100464	GRVE
70930	M090594	RDRL	7300000073	P206410	GRVE	7408507800	M085078	CHARD	76040807	M090158	BADG	7642000052	M060158	GRVE
709385	X004476	AGEM	7300000074	P206409	GRVE	7408509000	M085090	CHARD	76043380	M090544	BADG	7642000054	M100463	GRVE
70977	M090544	RDRL	7300000109	P206406	GRVE	740851200	M085023	CHARD	76045587	M120131	BADG		M100463	MTWVC
70DD3852	P206601	AA	7300000177	X004478	MTWVC	7409009100	M090091	CHARD						
70M080024	M080024	ASTEC		X004478	GRVE									
	M080024	AST	7300000194	X004484	MTWVC									
70P206316	P206316	AST		X004484	GRVE									
	P206316	ASTEC	7300000211	X004480	GRVE									
				X004480	MTWVC									

Cross Reference

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
7642000055	M090210	GRVE	78103131	M100048	BADG	7E6455	M001504	CAT	809458	P206543	TRUX	8182600	M002164	UPTI
	M090210	MTWC	781111	M090009	LROI		M001668	CAT	809498	J009429	TRUX	81906	M090158	RKRM
7642000056	M120176	GRVE	781111	M090009	LROI	7E9506	M001504	CAT	809500	X005207	TRUX	81908	M090280	RKRM
	M120176	MTWC	78140	M070008	LROI	7GB010	M100464	WGMCM	809530	J009560	TRUX	81922	M090538	RKRM
7642000057	M120131	GRVE	78147	M060005	LROI		M090544	VLVO	809544	P206342	TRUX	81923	M090563	RKRM
7642000059	M090210	GRVE	78152	M045237	LROI	7LT400	M090362	RKRM	809545	P207345	TRUX	8198	J009649	BLNT
7642000061	M090301	MTWC	78157	M070028	LROI	7N1087	M001566	CAT		P207345	GOE	82033810	P224589	GRDL
	M090301	GRVE	78158	M070050	LROI	7TU01112	P206851	AA		P207345	AP	82034108	M070068	CASE
7642000062	M090158	MTWC	781670	P206319	DYPC	7TU01113	P226148	AA	809546	P207346	TRUX	82034547	M090159	BADG
	M090158	GRVE	78254	M100464	LROI				809547	J009547	TRUX	82082010026	P206851	MAN
7642000068	M120235	GRVE	78268	M060158	CMPR				809621	P207345	TRUX	82082010027	P207361	MAN
	M120235	MTWC		M060158	LROI				80973013	M101169	GRDL	82082010028	P206338	MAN
7642000075	M065044	GRVE	78272	M080024	LROI		M045237	APE	809736	P206282	TRUX	8213187000	X004484	GILB
	M065044	MTWC	78273	M100580	LROI	80000415	J000231	CUMS	809737	J190023	TRUX	8213187001	X004482	GILB
7642000080	M070028	GRVE	78283	M100016	CMPR	80013034	P207367	MTWC	809738	P206286	TRUX	82151010021	M090535	MAN
	M070028	LROI		M100016	LROI	80015981	M110479	GRVE	809739	P206283	TRUX	82152010054	P206400	MAN
7642000088	M090544	GRVE	782862	M085056	CMPR	80015984	M120176	GRVE	809750	P207353	TRUX	82152010056	P206337	MAN
	M090544	MTWC		M085056	LROI	8001648	H001279	BATI	809752	P216169	TRUX	82152010060	P208375	MAN
764200009	M100048	GRVE	78287	M090091	LROI	8001649	H001284	BATI	809769	P206343	TRUX	82152016012	P270838	MAN
7642000093	M090594	MTWC	78294	M100146	CMPR	80018129	P206311	GRVE	809770	P207345	TRUX	82152100003	P226143	MAN
	M090594	GRVE		M100146	LROI	80022125	X007785	GRVE	809771	J009547	TRUX	82152150017	P206540	MAN
7642000056	M120176	GRVE	78295	M085208	LROI	80082	X007785	RSNBR	809793	P207364	TRUX	82155016001	P206611	MAN
7642000603	M100465	GRVE	78300C	P206604	DFLX		X007785	ROSEN	809796	J190019	TRUX	82155016002	P206511	MAN
	M100465	MTWC	78312	M065044	CMPR	801852	M120225	DYPC	8100075	X007784	TIPP	82155016003	X006202	MAN
7642000609	M120100	MTWC		M065044	LROI	80273060	M070068	JLGI	81004	M090074	RKRM	8225975000	P206337	GILB
	M120100	GRVE	78314	M120225	LROI		M070068	GRDL	81005	M090158	RKRM	8227489000	P206369	GILB
7642000610	M090146	GRVE	78318	M085090	LROI	80373183	M080024	GRDL		P206336	ROSS	8229364000	X004480	GILB
7642000640	M080018	GRVE	783181	M085090	LROI	80483121	M002121	JLGI	81006	M090158	RKRM	8238488000	P206602	GILB
	M080018	MTWC	78325	M100146	LROI		M002121	GRDL	81008	M090280	RKRM	8238889000	P206328	GILB
764200068	M120235	GRVE	784120014X1	M085208	CETCO	8049	P206507	TRUX	810090220	X007829	MNTW	8239673000	P206507	GILB
764210000	M045237	GRVE	7842001825	M100146	GRVE	8050	P206507	TRUX	810803400	M090210	TJAK	824001	J014622	TRUX
7642100001	M060055	GRVE		M100146	MTWC	8052	J008167	TRUX		M090210	JNDR	824002	P224633	TRUX
7642100004	M110479	MTWC	78491	M065044	PBRN	805333	M090009	Americ	8108214	M080024	EATN	824004	P208338	TRUX
	M110479	GRVE	78500C	P206604	DFLX	805335	M090009	AMHO	810821400	M080024	TJAK	824006	J240024	TRUX
	P206321	GRVE	78626181	M045193	AGCO		M090009	Americ	810821600	M100146	EATN	824607	P206405	CLJL
7642100007	M065030	MTWC		M045193	DETZ	8056472	X004962	VLVO		M100146	JNDR	824701	P207283	TRUX
	M065030	GRVE		M045193	KLMA	806237	M120100	AMHO		M100146	TJAK	824715	J024757	TRUX
7642100008	M060037	GRVE	788022C1	M120131	NAVI	806556	M045237	LONG	810850800	M070068	TJAK	824716	P207309	TRUX
7642100009	M120566	GRVE	78M065044	M065044	HARLEY	80683303	M120751	GRDL	811175700	M070028	JNDR	824721	J024749	TRUX
	M120566	MTWC	78M100572	M100572	HARLEY	80683304	M002123	GRDL	8112017	X004478	FLYR	824722	J024751	TRUX
7642100013	M120382	GRVE	79018666	P270535	NH	807002	M070008	AMHO		X004478	NEWFLY	824738	P224627	TRUX
	M120382	MTWC		P270535	FIAT		M070008	Americ	8112018	X004480	FLYR	824749	J024749	TRUX
7642100021	M120225	MTWC		P270535	CASE	8070241	M100695	UPTI		X004480	NEWFLY	824751	J024751	TRUX
	M120225	GRVE	79028227	H001032	CASE		M100695	VLVO	81152046054	P270541	MAN	824757	J024757	TRUX
7642100022	M100213	GRVE		H001032	NH	8070281	X007805	VLVO	81152046060	P270540	MAN	824758	J024758	TRUX
7642100024	M101181	GRVE		H001032	HTHI	8070282	X007824	UPTI	81155016001	P206611	MAN	8249296000	X004539	GILB
7642100026	M101158	GRVE		H001032	FIAT		X007824	VLVO	811870600	X007784	CAT	826337	P206410	Americ
	M101158	MTWC	7905	P270534	WIRG	807348	X004539	FNMNT		X007784	TJAK	827125	P206411	AMHO
7642100035	M120450	GRVE	790758	P206406	CLJL	80783048	P206395	GRDL	811870700	J190062	BLNT		P206411	Americ
7642100042	M085409	MTWC	79076459	H001034	NH	80783049	P206328	GRDL		J190062	JNDR	8275035	M065073	TRAK
	M085409	GRVE		H001034	HTHI	808164	M170101	AMHO	827745	X004962	TJAK	827745	P206409	TREX
7642800000	M100048	GRVE		H001034	FIAT	80856	P207361	WIRG	82976411	H001033	TREX	82976411	H001033	TREX
7642995001	M100146	GRVE	7910009098	P207354	GRVE	809275	X004482	FLYR	831012S	P206542	DFLX	832419	H001284	AGEM
76685A	M100049	OKSH		P207354	MTWC		X004482	NEWFLY	834002	P224698	TRUX	834002	P224698	TRUX
769184	P270536	TENT	794299	M100213	IVECO	809299	X005207	TRUX	834004	P224628	TRUX	834005	J340023	TRUX
7697000164	P206345	GRVE	79434	M065034	WLDN	809300	X005207	TRUX	834006	P224581	TRUX	834727	P208359	TRUX
7700054646B	M001503	RVI	794982	M090158	IVECO	809302	J009429	TRUX	834746	J034746	TRUX	83477	P216204	TRUX
7700054689	X004482	RVI	795570C1	M120108	CUCC	809303	J009429	TRUX	834778	P206409	LROI	83479	P216227	TRUX
7700059654A	M001702	RVI		M120108	NAVI	809304	J009429	TRUX	8355742	M085078	DUHR	8355910	M100043	DUHR
7700062689	M001502	RVI	798803	M090538	GMI	809305	J009429	TRUX	835866	M090074	WGMCM			
7701030196	P206343	AMC	799118	M080018	DYPC	809306	J009429	TRUX		M090544	VLVO			
	P206343	XMN	799121	X004478	DYPC	809307	P206543	TRUX						
770460000	M060055	PETTI	7C1377	X007831	CAT	809308	P206543	TRUX	815743	X007829	CAT			
770512A05	M085023	GRDL		X007831	RYGO	809309	P206543	TRUX		X007829	BROW			
77118	M080018	DYPC	7C4500	X007830	CAT	809404	P206341	TRUX	81589079	X005207	LORR			
77173007	M100146	GRDL	7C7009	X007784	CAT	809406	P206353	TRUX		X005207	LRAN			
7718810	X004484	HRSN	7E0114	M080019	CAT	809408	P206354	TRUX	81653289	H001032	DLTC			
7734000685	J190042	GRVE	7E1397	M001505	CAT	809415	P206282	TRUX	8167	J008167	AP			
7734000686	P206319	GRVE		M001505	TIM	809427	P206543	TRUX	8167807	X004484	VLVO			
77383601	H001034	GRDL	7E3870	M001503	TIM	809429	J009429	TRUX						
77383778	M100572	GRDL		M001503	CAT									
	M100572	JLGI		M001503	EAGP									
7806300	X004539	KARP												

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
836309.....	M080024 ..	AMHO	84438.....	X004537	LAWSON	85400CP.....	P206508 ..	DFLX	8612966.....	M080024 ...	BLNT	864000.....	J640005.....	TRUX
836310.....	M100048 ..	AMHO	84439.....	X004476	LAWSON	85403160.....	M100464 ...	GRDL	8612986.....	M080024	CAT	864001.....	P224600	TRUX
83671042.....	M090210 ...	GRDL	84440.....	X004538	LAWSON	85403161.....	M090091 ...	GRDL	8612986.....	P206406	BLNT	864671.....	P216202	TRUX
83671149.....	X004480 ...	GRDL	84441.....	X004478	LAWSON	854715.....	P206390 ...	TRUX	8612986.....	P206406	CAT	864672.....	P216205	TRUX
83671225.....	M070069 ...	GRDL	84442.....	X004480	LAWSON	854723.....	P207301 ...	TRUX	8612988.....	P206409	CAT	86500.....	M090091 ...	DFLX
83683097.....	X007785 ...	GRDL	84443.....	X004482	LAWSON	854724.....	P207302 ...	TRUX	8612988.....	P206409	BLNT	86500M.....	M110012	NLSN
83683175.....	P206405 ...	GRDL	84444.....	X004484	LAWSON	854727.....	P208389 ...	TRUX	86130M.....	M100463	NLSN	86502M.....	M110189	NLSN
83713009.....	X007784 ...	GRDL	84466.....	X004539	LAWSON	854728.....	P208395 ...	TRUX	86130M.....	M100465	NLSN	865034C91.....	M100049	NAVI
8374280546.....	H001033	KAEL	844661.....	P206388 ...	TRUX	854830.....	P224693 ...	TRUX	86131M.....	M090544	NLSN	86503M.....	M120366 ...	NLSN
83746.....	P206409 ...	CMPR	844663.....	P206389 ...	TRUX	85500CP.....	P206509 ...	DFLX	86132M.....	M090074	NLSN	86507M.....	M065065 ...	NLSN
83747.....	P207667 ...	LROI	844668.....	P207320 ...	TRUX	85803795.....	M065030 ...	NH	86133M.....	M100049	NLSN	86510M.....	M090547 ...	NLSN
83816.....	M060055 ..	WLDN	844669.....	P206386 ...	TRUX	85804014.....	P270534	NH	86134M.....	M085008	NLSN	86511573.....	P206409 ...	CASE
83890.....	P206411 ...	LROI	844670.....	P207321 ...	TRUX	85804014.....	P270534	CASE	86136M.....	M060055	NLSN	86511M.....	M090548 ...	NLSN
83931.....	X007785 ...	LROI	844671.....	P206387 ...	TRUX	85805478.....	M065030 ...	NH	86137M.....	M065065	NLSN	86512M.....	M090520 ...	NLSN
839312.....	X007829 ...	LROI	844734.....	P207318 ...	TRUX	85821055.....	M065030 ...	FIAT	86137M.....	M065034	NLSN	86513M.....	M090563 ...	NLSN
839313.....	X006204 ...	LROI	844735.....	P207319 ...	TRUX	85821055.....	M065030 ...	CASE	86139M.....	M085023	NLSN	86514M.....	M090781 ...	NLSN
83947685.....	X004536 ...	FMCO	844737.....	P207312 ...	TRUX	85821055.....	M065030 ...	CASE	8613U.....	M090544 ...	TYLR	86515M.....	M090781 ...	GRCM
83947685.....	X004536 ...	FMCO	845100207.....	M070008 ..	KOEH	85821055.....	M085084 ...	CASE	86144M.....	M090362 ...	NLSN	86515M.....	M065065 ...	NLSN
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840031.....	M090280 ...	TREX	846100205.....	M060005 ...	CAME	85821061.....	X004478 ...	CASE	86149M.....	M100146 ...	NLSN	86525M.....	M085189 ...	NLSN
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841074700.....	X007831 ...	TJAK	846100209.....	M045237 ...	KOEH	859003CP.....	P206511 ...	DFLX	86150M.....	M070028 ...	NLSN	86529M.....	M110189 ...	NLSN
841074700.....	X007831 ...	JNDR	846100243.....	M085023 ...	KOEH	85900RCP.....	P206511 ...	DFLX	86151M.....	M100052 ...	NLSN	86530M.....	M110311 ...	NLSN
841074700.....	X007831 ...	CAT	846100247.....	M085023 ...	BRLEE	85901.....	M085171 ...	RKRM	86152M.....	M100464 ...	NLSN	86531M.....	M100580 ...	NLSN
841074700.....	X007831 ...	BLNT	846100247.....	M085023 ...	KOEH	85903.....	M085008 ...	RKRM	86153M.....	M090534 ...	NLSN	86533M.....	M100580 ...	NLSN
841076000.....	X004478 ...	CAT	846100273.....	M065065 ...	RSCO	85904.....	M085080 ...	RKRM	86163M.....	M090280 ...	NLSN	86535M.....	M100695 ...	NLSN
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841076000.....	X004478 ...	TJAK	846100273.....	M065065 ...	RSCO	85925.....	M085023 ...	RKRM	86173M.....	M070008 ...	NLSN	86538M.....	M090563 ...	NLSN
841087100.....	X004482 ...	TJAK	846100279.....	M100464 ...	KOEH	85GH18CP.....	P206641 ...	DFLX	86177M.....	M070050 ...	NLSN	86539.....	M065065 ...	NLSN
841087100.....	X004482 ...	JNDR	846100283.....	P206311 ...	CAME	85SC6003Z.....	P224492 ...	DFLX	86177M.....	M045237 ...	NLSN	86541M.....	M110012 ...	NLSN
841389.....	P206407 ...	Americ	846100287.....	P206304 ...	CAME	86025101.....	X007784 ...	NH	86178M.....	M065071 ...	NLSN	86542M.....	M120566 ...	NLSN
841600207.....	M070008 ...	KOEH	846100292.....	M090158 ..	BRLEE	86025102.....	X007784 ...	CASE	86179M.....	M090280 ...	NLSN	86543M.....	M120566 ...	NLSN
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842434.....	M190002 ..	Americ	846100292.....	M090158 ..	KOEH	86025102.....	X007785 ...	CASE	86180M.....	M122300 ...	NLSN	86547M.....	M100695 ...	NLSN
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842964800.....	P206325 ...	BLNT	846100344.....	X004484 ...	CAME	86034576.....	M090072 ...	BVER	86184M.....	M085189 ...	NLSN	86550M.....	M090594 ...	NLSN
842964800.....	P206325 ...	JNDR	846100359.....	M090146 ...	CAME	8605331.....	M002122 ...	CASE	86185M.....	M090563 ...	NLSN	86563M.....	M090158 ...	NLSN
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842973900.....	M090301 ...	JNDR	846850.....	M090158 ...	AMHO	86102M.....	M090535 ...	NLSN	86191M.....	M065044 ...	NLSN	86571018.....	P206410 ...	GRDL
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842974000.....	P206310 ...	BLNT	85071213.....	M070008 ..	GRDL	86111M.....	M100464 ...	NLSN	86193M.....	M085206 ...	NLSN	86631M.....	M090680 ...	NLSN
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842974000.....	P206600 ...	BLNT	85107180.....	M090544 ...	VLVO	86116.....	J000228 ...	AP	86196M.....	M100582 ...	NLSN	86650M.....	M110012 ...	NLSN
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844001.....	P216228 ...	TRUX	854001.....	J540008 ...	TRUX	861225M.....	M120100 ...	NLSN	86216M.....	M090146 ...	NLSN	86671417.....	M070050 ..	WRNR
844002.....	P207314 ...	TRUX	854002.....	P207299 ...	TRUX	86127M.....	M085171 ...	NLSN	86220M.....	M120367 ...	NLSN	86671583.....	P206601 ...	GRDL
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84437.....	X004536	LAWSON	854005.....	P224693 ...	TRUX	8612944.....	M070069 ...	CAT	86225M.....	M120197 ...	AMHO	86681083.....	M060232 ...	GRDL
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						8612944.....	M070069 ...	BLNT	86262181.....	M045193 ...	DETZ			
						8612944.....	M070069 ...	BLNT	86300.....	M070068 ...	DFLX			
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Cross Reference

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CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
86722M	M085267	NLSN	87357	X004480	CNLC	884250191	M065044	DFLX	89037A	P206380	NLSN	89107A	P206347	FTGD
86724M	M110479	NLSN	87358	X004482	CNLC	884548	P224636	TRUX	89037C	P207312	NLSN		P206347	NLSN
86725M	M100572	NLSN	87358X	X004482	CNLC	884550	P209910	TRUX	89040A	P208338	NLSN	89107C	P207346	NLSN
86739M	M090074	NLSN	87359	X004484	CNLC	88456	P210110	XAIR	89042A	P206381	NLSN	89108A	P206348	NLSN
8674	P216172	AP	87359X	X004484	CNLC	88487	P207584	XAIR	89043A	J024748	NLSN		P206348	FTGD
86740M	M090781	NLSN	87380522	P206304	TYLE	88500121	M120131	DFLX	89043C	J024749	NLSN	89108C	P206354	NLSN
8675	P206340	AP	874001	P209912	TRUX	88500428	M120176	DFLX	89044A	P208358	NLSN	89109A	P206350	NLSN
8675034C91	M100049	CUCC	87400108	M090544	DFLX	88506	P206607	XAIR	89044C	P208359	NLSN	89110A	P207322	NLSN
86752M	M120100	NLSN	87400108Q	M090544	DFLX	8857720	X004478	DUHR	89045A	P206382	NLSN	89111A	P207324	NLSN
86753M	M120100	NLSN	87400115	M120154	DFLX	8867719	X004482	DUHR	89045C	P206386	NLSN	89113A	P207326	NLSN
8676	P206342	AP	87400115Q	M120154	DFLX	8868	P226148	TRUX	89046A	J024750	NLSN	89114A	P207328	NLSN
86771M	M090823	NLSN	87400120	M090544	DFLX	8869067	M120365	DUHR	89046C	J024751	NLSN	89115A	P207329	NLSN
8678	P206344	AP	87400127	M085171	DFLX	8872	P226149	TRUX	89047A	P208374	NLSN	89115C	J190016	NLSN
8680	P207339	AP	87400127Q	M085171	DFLX	8875	P226129	TRUX	89047C	P208375	NLSN	89116A	P206346	NLSN
8681	J008681	AP	87400131	M090544	DFLX	8877	P226157	TRUX	89048A	P206383	NLSN	89117A	P207331	NLSN
8683	P206394	AP	87400131Q	M090544	DFLX	8878	P226156	TRUX	89048C	P206387	NLSN	89117C	J190019	NLSN
8684	P206395	AP	87400144	M090362	DFLX	8879	P226158	TRUX	89049A	P208394	NLSN	89118A	P206349	NLSN
8685	P206396	AP	87400144Q	M090362	DFLX	8880	P226129	AP	89049C	P208395	NLSN	89119A	P216175	NLSN
86871209	M070069	GRDL	87400594	M090594	DFLX		P226129	TRUX	89050A	P208326	NLSN	89123A	P207332	NLSN
86880066	M080024	GRDL	87400594Q	M090594	DFLX	8881	P226154	TRUX	89051A	P207293	NLSN	89124A	J190009	NLSN
86881083	M060232	WRNR	874050205	M100695	DFLX	8882	P226155	TRUX	89051C	P207318	NLSN	89125A	J190017	NLSN
86881375	X004478	WRNR	874050514	M090781	DFLX	8883	P226151	TRUX	89052A	P224633	NLSN	89126A	P207365	NLSN
	X004478	GRDL	874050514Q	M090781	DFLX	8884	P226152	TRUX	89053A	P208350	NLSN	89127A	J190020	NLSN
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86883067	M100043	JLGI	87406803	P222018	EARN	8885	P226144	TRUX	89054C	P207319	NLSN	89130A	P206393	NLSN
	M100043	JLGI	87406903	M002135	CASE		P226144	AP	89055A	J024746	NLSN	89131A	P206394	NLSN
8688D066	M080024	GRDL		M002135	ISERVI	8886	P226145	TRUX	89055C	J024757	NLSN	89132A	P206395	NLSN
86981541	M120365	GRDL		M002135	EARN	8887	P226146	TRUX	89056A	P208366	NLSN	89133A	P206396	NLSN
86983714	M090594	GRDL	87427885	M002134	CASE	8888	P226147	TRUX	89056C	J034746	NLSN	89140A	P207415	NLSN
87048600055	P213191	FXBL	87449404	M001503	CASE	8895	P226153	TRUX	89057A	P207295	NLSN	89141A	P206301	NLSN
	P213191	UCP	8745050514Q	M090781	DFLX	88H168193	M045193	DFLX	89057C	P207320	NLSN	89142A	P206927	NLSN
87052700003	X004484	FXBL	874608	P224635	TRUX	88H200190	M060158	DFLX	89058A	J024747	TRUX	89143A	P206302	NLSN
87052700004	X004482	FXBL	874609	P224638	TRUX	88H250191	M065044	DFLX		J024747	TRUX	89143C	J014621	NLSN
87052700005	X004480	FXBL	87500102	M090535	DFLX	88H300102	M085090	DFLX	89058C	J024758	NLSN	89144A	P206303	NLSN
87052700006	X004536	FXBL	87500102Q	M090535	DFLX	88H300192	M085090	DFLX	89059C	P216204	NLSN	89144C	J014622	NLSN
870876C91	M100049	NAVI	87500130	M100465	DFLX	88H400148	M100146	DFLX	8906	P207411	TRUX	89145A	P207297	NLSN
870876C91	M100049	NAVI	87500130Q	M100465	DFLX	89005A	P208328	NLSN	89060A	P207296	NLSN	89145C	P207308	NLSN
871834R91	M090544	NAVI	87500132	M090074	DFLX	89006A	P206376	NLSN	89060C	P207321	NLSN	89146A	P206305	NLSN
87185	P206343	CRQT	87500132Q	M090074	DFLX	89007A	P206376	NLSN	89072A	P206279	NLSN		P207298	NLSN
87200177	M060232	DFLX	87500145	M090072	DFLX	89010A	P208336	NLSN	89073A	P206280	NLSN	89146C	P207309	NLSN
87200177Q	M060232	DFLX	87500145Q	M090072	DFLX	89011A	P208324	NLSN	89073C	P206280	NLSN	89147A	P207559	NLSN
87250186	M065065	DFLX	87500674	M090595	DFLX	89012A	P206377	NLSN	89074A	J190023	NLSN	89147C	P207559	NLSN
87250186Q	M065065	DFLX	87500674Q	M090595	DFLX	89013A	J240012	NLSN	89075A	P206283	FTGD	89150A	P206306	NLSN
	M065071	DFLX	875390	M100464	IVECO	89015A	P206378	NLSN		J190027	NLSN	89151A	P206308	NLSN
87300004	M060005	LKWD	875480	P206543	ECS	89015C	P206388	NLSN	89077A	P206281	NLSN	89152A	P206927	NLSN
87300018	M080018	DFLX	87674684	P224515	RYKE	89016A	P224589	NLSN	89081A	P207347	NLSN	89153A	P206309	NLSN
87300018Q	M080018	DFLX	87674852	M002123	CASE	89016C	P224590	NLSN	89082A	P207349	NLSN	89154A	P206310	NLSN
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	M002120	ISERVI	8776	P216175	NH	89019A	P208393	NLSN	89090A	P207362	NLSN	89156A	P208392	NLSN
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87350028Q	M070028	DFLX	8821116	P206605	MCII	89025C	P224627	NLSN	89099A	P207335	NLSN	89166A	P206369	NLSN
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87355	X004538	CNLC	88356	P206605	XAIR	89031A	P207289	NLSN	89105C	P207345	NLSN	89181A	P206324	NLSN
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87356X	X004478	CNLC	88406	P206606	XAIR	89035C	J240016	NLSN	89106C	P206353	NLSN	89184A	P206325	NLSN

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89185A	P206326	NLSN	89400125	M120100	DFLX	89527K	X004482	NLSN	89617K	P206553	NLSN	89736K	P206544	NLSN
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89187A	P206328	NLSN	8941	P207389	TRUX	89527W20	X004482	FTGD	8962	P206320	AP	89740K	P207408	AP
89194U	M001327	NLSN	89417A	P270531	NLSN	89528B	J000217	NLSN	89620K	P206320	TRUX	89742K	P206546	NLSN
89205C	P206390	NLSN	8942	J008942	TRUX	89528K	X004484	NLSN	89621K	P226151	NLSN	89744C	P206547	NLSN
89212A	P216191	NLSN	89420A	P270532	NLSN	89528W	X004484	NLSN	89622K	P226152	NLSN	89745C	J009429	NLSN
89214A	P207281	NLSN	89422A	P270533	NLSN	89528W20	X004484	FTGD	89623K	P226145	NLSN	89747C	J009429	NLSN
89216A	P207282	NLSN	89425A	P270534	NLSN	89529K	X004539	NLSN	89624K	P226146	NLSN		P206542	NLSN
89217A	P207288	NLSN	89425C	P270534	NLSN	89529W	X004539	NLSN	89625K	P226147	NLSN		P206540	NLSN
89217C	P207299	NLSN	89427A	P270535	NLSN	89529W20	X004539	FTGD	89626K	P226153	NLSN	89748A	P206542	NLSN
89218A	P207283	NLSN	89430A	P270536	NLSN	8953	P206313	TRUX	8963	P206321	TRUX	89749C	X005207	NLSN
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89222C	P208389	NLSN	89435C	P271508	NLSN	89534K	P206515	NLSN	89642K	P226149	NLSN	89761K	P206510	NLSN
89223A	P216206	NLSN	89440A	P270539	NLSN	89535K	P206516	NLSN	89643K	P226140	NLSN	89762K	P206511	NLSN
89226A	P207290	NLSN	89440C	P270837	NLSN	89537K	P206520	NLSN	89644K	P226141	NLSN	89763K	P206512	NLSN
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89256A	J009649	NLSN	89518K	P207784	NLSN	8956	P206315	AP	89688K	P206337	NLSN	8987	P226141	TRUX
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89258A	P206363	NLSN	8952	P207385	AP	89560K	P207596	NLSN	89698K	P206338	NLSN	89881A	J009648	NLSN
89259A	P206364	NLSN	89520K	P222018	NLSN	89566K	P206608	NLSN	8970	P206362	TRUX	89883A	J009650	NLSN
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89354051	M090520	DFLX							89733K	J024838	NLSN	89957K	P207568	NLSN
89354055	M090520	DFLX										89958K	P207581	NLSN

Cross Reference

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CROSS REFERENCE

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89961K	P207566	NLSN		P206410	AA	900098A	J190002	NLSN	90387A	P222758	NLSN	90859A	P207339	NLSN
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89971K	P207584	NLSN	8NG280908	P206850	AA	900424	M085407	MRBR	90441C	P224611	NLSN	90871A	J000206	NLSN
89973K	P206616	NLSN	8NG28091	P206405	AA	900426	M085408	MRBR	90444C	P224710	NLSN	90872A	J000207	NLSN
89974K	P206617	NLSN	8NG28092	P206333	AA	90076A	P206523	NLSN	90444A	P224641	NLSN	90873A	J000200	NLSN
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	M085078	BABR					X006204	NLSN	90528K	J009611	NLSN	90929K	J000220	NLSN
	M085078	CAT				90356A	J009606	NLSN	90529K	J009613	NLSN	90945	M090781	RKRM
8CL17228	P206517	AA	900040K	J000224	NLSN		X007824	NLSN	90532A	P205979	NLSN	90958A	P207330	NLSN
8EG1000403	M101167	AA	900041K	J000227	NLSN		X006203	NLSN	90533A	P206299	NLSN	90975A	J018110	NLSN
8HB463	P206321	OKSH	900042K	J000228	NLSN	90357A	J190054	NLSN	90538A	P205976	NLSN	90979A	J038612	NLSN
8I5743	X007829	TIM	900043K	J000230	NLSN	90358A	J009607	NLSN	90539A	P206300	NLSN	90980A	J038611	NLSN
	X004476	BROW	900044K	J000232	NLSN		X007805	NLSN	90546K	P222740	NLSN	90993	P216174	HRCN
	X004476	CAT	900045K	J000233	NLSN		X006202	NLSN	90547K	P222741	NLSN	90HL70R60	P215307	CASE
8I5746	X004482	BROW	900046A	J008671	NLSN		X006202	FTGD	90554K	P222742	NLSN	90UH1	P206518	ACFT
	X004482	CAT	900048A	P206339	NLSN	90359A	J190055	NLSN	90560A	J190046	NLSN	910033	P207354	U C
	X004482	TIM	900049A	P207335	NLSN	903604	P206319	U C	90561A	J190041	NLSN	9103074	M045193	MOB
8LT400	M090362	RKRM	900050A	P216172	NLSN	90360A	J190056	NLSN	90562A	P206344	NLSN		M045193	WLDN
8NG1000501	M085056	AA	900052A	P206340	NLSN	90361A	J190057	NLSN	90569A	P206615	NLSN	910807	P207283	U C
8NG1000503	P206324	AA	900053A	P224669	NLSN	90362A	J190058	NLSN	905722	M065034	U C	91083101	M085056	GIRD
8NG1000504	X004476	AA	900055A	J008681	NLSN		X007829	NLSN	90589C	P224609	NLSN	91083250	M065034	MJPR
8NG100081	P206519	AA	900056A	P206344	NLSN	90363A	J190059	NLSN	90593C	P224699	NLSN		M065034	GIRD
8NG1001506	M091050	AA	900057A	P207341	NLSN	90364A	J190060	NLSN	90595C	P224605	NLSN		M065034	JLGI
8NG1001507	P270538	AA	900058A	P207327	NLSN		X007830	NLSN	90597C	P224707	NLSN	91094960	P226140	KTSU
8NG1001508	P206342	AA	900059A	P206346	NLSN	90365A	X007831	NLSN	90600413	M100146	IR		P226140	DMAG
8NG1001602	P207322	AA	900061A	P207332	NLSN		J190061	NLSN	90600424	M100048	IR		P226140	MH
8NG1001604	P270532	AA	900062A	P207365	NLSN	90366A	J009623	NLSN		M100048	IRT	91095	P206399	HRCN
8NG1001608	M060251	AA	900063A	P207366	NLSN		X007784	NLSN	90600434	M090544	IR	91096	P207353	HRCN
8NG1002302	M091048	AA	900064A	P206282	NLSN	90367A	J190062	NLSN		M090544	IRT	91108	P207351	HRCN
8NG1002303	P226145	AA	900065A	P206283	NLSN	9036810011	M120235	VMER	90600435	X005207	IRT	91109	P207322	HRCN
8NG18000	M085206	AA	900066C	P206283	NLSN	903682001	P206347	VMER		X005207	IR	91126	P207366	HRCN
8NG18001	P207362	AA	900066A	P207359	NLSN	9036820011	P206347	VMER	90604C	P224707	NLSN	91126937	M100213	GM
8NG18002	P207361	AA	900067A	P207359	NLSN	90368A	J009624	NLSN	90615K	J000127	NLSN	911349	M045237	U C
8NG18003	P207366	ASTEC	900068A	P207352	NLSN		X007785	NLSN	90624A	P206299	NLSN	911613	M170101	U C
	P207366	AA	900069A	P207354	NLSN	90369A	X009076	NLSN	9063047	M085293	TREX	911614	X004539	U C
	P207366	AST	900070A	P207354	NLSN		J190063	NLSN	90631	J009631	TRUX	911615	P207543	U C
8NG20011105	P206544	AA	900072A	J009631	NLSN	90372A	P222744	NLSN	90691505	M100016	NAT	911616	P207667	U C
8NG20011107	X005207	AA	900073A	J009632	NLSN	90373A	P222745	NLSN		M100016	IRT	911617	P206559	U C
8NG20011112	P206362	AA	900074A	J009633	NLSN	90374A	P222746	NLSN	906922	M090301	U C	911618	P206338	U C
8NG20011113	P206397	AA	900076A	J009635	NLSN	90375A	P222747	NLSN	90786	J190003	HRCN	911619	P207341	U C
8NG20011114	P206309	AA	900077A	J009636	NLSN	90376A	P222748	NLSN	9079368	M170101	TREX	911624	P206851	U C
8NG2002002	P224628	AA	900078A	J009637	NLSN	90377A	P222749	NLSN	907996	P207566	U C	91163035	M085056	JLGI
8NG28016	P206340	AA	900080A	J009639	NLSN	90378A	P222750	NLSN	907997	P206607	U C		M085056	GIRD
8NG28023	X004484	AA	900081A	J009640	NLSN	90379A	P222751	NLSN	90822A	P207364	NLSN	91163035CP	M085056	JLGI
8NG28027	P206602	AA	900082A	J009641	NLSN	90380A	P222752	NLSN	908319T1	X007784	CASE	91173	P206400	HRCN
8NG28030	X004482	AA	900085A	J009644	NLSN	90382A	P222753	NLSN	908320T1	X007785	CASE	911753	M122300	IR
8NG2803035	X004480	AA	900086A	J009645	NLSN	90383A	P222754	NLSN	90847A	P206344	NLSN		M170101	CABT
			900089C	P224636	NLSN	90384A	P222755	NLSN						

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
911778	M090009	CABT	925002	P206849	TRUX	9330	P207361	AP	9371	P270532	TRUX	9400CP	P270837	HDMI
	M090009	IR	925262AA	M085056	SKYJ	9330C09102101	P206410	ENTW		P270532	AP	9400Z	P270539	HDMI
	M090009	IRT	925502	P207368	GOE	9331	P206328	AP	9372	P270534	TRUX	9406	P206353	AP
911782	M070050	CABT		P207368	TRUX		P206328	TRUX		P270534	AP	9408	P206354	AP
911784	M070008	IR	926002	P206850	TRUX	9332	P206327	TRUX	9373	P270536	TRUX	94238001	P270539	VMER
	M070008	IRT	926123	P270531	HSTR		P206327	AP	9374	P270538	TRUX	942380011	P270539	VMER
	M070008	CABT	9265	P207352	AP	9333	P206325	AP		P270538	AP	94286	P207359	CMI
911948	P207349	U C	92659	M080018	DRSS		P206325	TRUX	9375	P270539	TRUX	9429	J009429	WLKR
911949	P207351	U C		M080018	KTSU	9334	P206339	AP		P270539	AP		J009429	AP
911950	P207324	U C	92673	P206297	TRUX	9335	P206318	AP	9376	P270540	TRUX	9430	P206641	TRUX
911951	P207362	U C	92674	P206298	TRUX		P206318	TRUX		P270540	AP	94307	M085008	RKRM
911952	P207326	U C	92679	J092679	TRUX	9336	P207402	TRUX	9377	P270541	AP	944130	X004536	OK
91203058	M045237	GRDL		J092679	AP		P207402	AP		P270541	TRUX		X004536	TREX
91203087	P206306	GRDL	92689	J092689	TRUX	93368	P206321	CRMY	9378	P270535	TRUX	9450	P270540	HDMI
91233003	M065071	GRDL		J092689	AP	9337	P206397	AP		P270535	AP		P270540	ECS
912361	P206370	U C	92695	P206297	TRUX	9338	P206398	AP		P270535	DFLX	94507	M120365	RKRM
91267	P206346	HRCN	92696	P206298	TRUX	9339	P206399	AP	9379	P270535	AP	9451	P206510	TRUX
	P206346	GRST	92697	P206298	TRUX	9340	P206400	AP	9381	X004536	TRUX		P206510	AP
91279	J009649	HRCN	927002	P206851	TRUX	934001	P205976	DFLX		X004536	GOE	9452	P206511	TRUX
	J009649	GRST	92701012391	M090158	GRVE	9341	P205979	TRUX		X004536	AP		P206511	AP
91301	M065030	GNRC	9270102391	M090158	GRVE	9342	P206299	GOE	9382	X004537	AP	9453	P206512	TRUX
9141094	P206546	VLVO	9275	P270535	HDMI		P206299	TRUX		X004537	TRUX		P206512	AP
91410944	P206546	VLVO		P270535	XAIR	934270	X004484	IVECO		X004537	GOE	945530011	P270541	VMER
91410947	P206546	VLVO	92794437	H001035	IR	934285	X004482	IVECO	9383	X004476	AP	9456	P206508	AP
91413140	P206371	JLGI	928002	P207369	TRUX	934286	X004480	IVECO		X004476	TRUX		P206508	TRUX
9150	P270530	ECS		P207369	GOE	9343	P205976	TRUX		X004476	GOE	94569	P206602	CMI
9155711	P206546	VLVO	9283113008	M122300	EIMC	9344	P206300	TRUX	9384	X004478	AP	9457	P206509	GOE
91557116	P206546	VLVO	9284749	M100146	GRVE	9345	P206617	TRUX		X004478	TRUX		P206509	TRUX
916833	X004482	U C	929002A	P206331	NLSN	9346	P206616	AP	9385	X004480	TRUX	9458	P206543	AP
916834	P206346	U C	929004A	P206333	NLSN	934766	X005207	IVECO		X004480	AP	945946	X004484	TREX
916864	P206346	U C	929005A	P206333	NLSN	9350	P270538	HDMI		X004480	GOE		X004484	OK
9186262	P206546	VLVO	929006A	P206334	NLSN		P270538	XAIR	9386	X004482	GOE	946100325	P206280	RSCO
9186269	J000220	GDLS	929007A	P206336	NLSN		P270538	ECS		X004482	TRUX		P206280	BRLEE
91910	M090594	RKRM	929014K	P206333	NLSN		P207784	AP		X004482	AP	9470	P207619	AP
919206	P208394	U C	929015K	P206334	NLSN		P207784	TRUX	9386890	X004484	KRON		P207619	GOE
9200	P270532	HDMI	929022K	P206335	NLSN	935001	P206300	DFLX	9386900	P208374	KRON		P207619	TRUX
	P270532	XAIR	929023K	P206336	NLSN	9350CP	P271508	HDMI	9386910	J190003	KRON	9472	P207582	AP
920007402	M065044	CASE	929024A	J000127	NLSN	9350Z	P270538	HDMI	9386920	M100213	KRON	9473	P207581	TRUX
920018271	P206409	CASE	929025A	P206334	NLSN	9354	P206515	TRUX	9387	X004484	AP		P207581	AP
920018376	P206407	CASE	929026A	P206335	NLSN	9355	P206516	TRUX		X004484	GOE	9474	P206614	AP
920019350	P206408	CASE	929027A	P206336	NLSN	935598	P270838	IVECO		X004484	TRUX		P206614	GOE
920019377	P206406	CASE	929030A	P206335	NLSN	9356	P206517	TRUX	9388	X004539	AP		P206614	TRUX
920019473	M001702	NH	929034S	P224685	NLSN	9357	P206518	TRUX		X004539	GOE	9474Q	P206614	AP
920019547	M001502	NH	929035S	P224686	NLSN		P206518	AP		X004539	TRUX	9475	P207567	AP
920019550	M001756	NH	929036S	P224687	NLSN	9358	P206519	TRUX	9389	X004538	GOE		P207567	TRUX
920034AA	J009604	SKYJ	9300	P270536	XAIR		P206519	AP		X004538	AP	9476	P207620	TRUX
9202940451	M100146	EIMC		P270536	HDMI	9359	P206521	TRUX		X004538	TRUX		P207620	AP
920507	P207282	U C	9300CP	P271507	HDMI		P206521	AP	9390	P206612	AP	9478	P206615	TRUX
9206602	P206602	NEWFLY	9303	P207335	AP	935952	M090091	IVECO		P206612	TRUX		P206615	AP
9206960019	P270540	KLMA	9304	P206341	AP	9360	P206520	AP	9391	J009391	AP	9479	J009479	TRUX
921097	P206409	DYPC	9305	P206343	AP		P206520	TRUX		J009391	TRUX		J009479	AP
921098	P206604	DYPC	9306	P206345	AP	93610450	X004478	DMAG	9392	P207568	AP	9486	J009486	TRUX
9214205	M100016	TREX	9308	P206348	AP		X004478	KTSU		P207568	TRUX		J009486	TRUX
	M100016	VME	9308052	P226146	ELGN		X004478	MH	9393	J009393	TRUX	9487	J009487	AP
9218031	M090095	TREX	9308053	X004482	ELGN	93610500	P206409	MH		J009393	AP		J009487	TRUX
	M090095	VME	9309	P206349	AP		P206409	KTSU	9394	P207566	TRUX	9490	P206608	TRUX
	M090095	ECLD	9310	P206350	AP		P206409	DMAG		P207566	AP		P206608	AP
921989	M045237	DYPC	9312	P206279	AP	936203	M120189	IVECO	9395	P206604	TRUX	9491	P206609	TRUX
921997	P206301	DYPC	9313	P206280	AP		P206523	TRUX		P206604	AP		P206609	AP
92234	P206321	HRCN	9313A	P206280	AP		P206523	AP	9396	P206605	TRUX	9492	P206610	TRUX
9225	P270533	HDMI	931359AA	M060055	SKYJ	9364	P206524	AP		P206605	TRUX		P206610	AP
	P270533	XAIR	9314	P206281	AP		P206524	TRUX	9397	P213191	AP	94927	P207394	CMI
922701	P270536	U C	9314C094115	X004480	ENTW		P206525	AP		P213191	TRUX	9493	P206611	AP
9228310001	X004537	KLMA	9314C094120	P206408	ENTW	9365	P206525	AP	9398	P206604	AP		P206611	TRUX
9228310002	X004538	KLMA	9315	P206282	AP		P206525	TRUX		P206604	TRUX	9495	P207598	TRUX
9228310004	X004482	KLMA	9317	P206283	AP	9366	P206526	TRUX	9399	P206606	AP		P207598	AP
9228310005	X004480	KLMA	9318	P207350	AP		P206526	CSND		P206606	TRUX	9500	P270541	XAIR
923002	P224684	TRUX	931900	P226142	SAME	93671042	M090210	GRDL	9400	P270539	XAIR		P270541	HDMI
924002	P207367	TRUX	931SA0393	M120100	CLRK	9368	P270542	AP		P270539	GRMC	9500900008	M120365	IR
924465	P207331	U C	931SA185	M120100	CLRK	9369	P270543	TRUX		P270539	ECS	9500CP	P270838	HDMI
924466	P207365	U C	931SB0393	M090072	CLRK		P270543	TRUX	94006	M100049	RKRM	9500Z	P270541	HDMI
9250	P270534	XAIR	932367	M080024	IVECO	9370	P270533	AP		M100049	RKRM	9501	P206600	TRUX
	P270534	HDMI	9329	P207363	AP		P270533	TRUX	94007	M090538	RKRM		P206600	TRUX

Cross Reference

(See the first page of this section for the Manufacturer's Code Listing)



CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
9502	P206601	AP	9607	X007805	AP	9678	P222747	TRUX	986063	P207596	CHAMP	9Y0177	P206408	CAT
950250016	M045237	EIMC		X007805	TRUX	9680	P222748	TRUX	9896	P270530	TRUX	9Y1561	X004484	CAT
9503	P206602	TRUX	9610	J009612	TRUX	9681	P222749	TRUX	9897	P270531	TRUX	9Y3815	M001502	CAT
	P206602	AP		J009612	AP	9682	P222750	TRUX	990023	X004478	TPORT	9Y8315	M001502	CAT
9504	P206603	AP	9611	J009611	AP	9683	P222751	TRUX	9901	P222748	AP			
	P206603	TRUX		J009611	TRUX	9684	P222752	TRUX	9913	P206403	AP			
9506	P207596	TRUX	9612	J009612	AP	9686	P222753	TRUX	9914	P206404	AP			
	P207596	AP		P206604	TRUX	9687	P222754	TRUX	9915	P206405	AP			
9514	J009514	TRUX	9613	J009613	TRUX	9688	P222755	TRUX	992L1	M100464	DREO			
	J009514	AP		J009613	AP	9690	P222756	TRUX	992L11	M090535	DREO			
9516	J009516	AP	9614	J009614	TRUX	9692	P222757	TRUX	992L12	M090544	DREO			
	J009516	TRUX		J009614	AP	9693	P222758	TRUX	992L13	M100464	DREO			
9518	J009518	AP	9615	P206607	TRUX	9694	P222759	TRUX	9941436	J190003	ENGN			
	J009518	TRUX		P206607	AP	9696	X007784	GOE	9948	P206331	ICAB			
9531	P207322	AP	96156	M080018	JNDR	9697	X007785	GOE	994819	X004536	TKNG			
9532	P207324	AP	9616	P210110	TRUX	9698	X007824	GOE	99487900034	X004482	FXBL			
9533	P207325	AP		P210110	AP	9699	X007805	GOE	9949979	M090544	KOEH			
9534	P207326	AP	9617	J009614	TRUX	9701300001	M090535	BRED	997722C1	M090538	NAVI			
9535	P207327	AP	9618	J009618	TRUX	9704	P270542	TRUX	998025C1	M085171	NAVI			
9536	P207328	AP		J009618	AP	9706292	X007824	NH	998580	M090544	VLVO			
9537	P207329	AP	9620	P206344	AP		X007824	VSTL	9989101A	P206340	ENGN			
9538	P207330	AP	96206	P207402	CMJ	9706293	X007785	CASE	9990000767	P206602	BIAM			
9539	P206346	AP	96207	M120751	CMJ		X007805	NH		P206602	ONTB			
9540	P207331	AP	96208	P206365	CMJ	9706674	P207298	NH	9999	M060251	TMCO			
9541	P207332	AP	96223	M001505	CMJ		P207298	VSTL	99M090362	M090362	HARLEY			
9542	P206349	AP	9623	X007784	TRUX	9707490	P207297	NH	99M100464	M100464	HARLEY			
9545	P207345	AP	9623618	P206407	MCII		P207297	VSTL	9F6433	M120100	CAT			
9546	P207346	AP	9624	X007785	TRUX	9713	P207582	TRUX	9H0047	M120100	LKBT			
9547	J009547	AP	9628	P224841	TRUX	9714	P207567	TRUX		M120100	FMC			
9550	P270542	HDMI	9629	J009629	TRUX	9715	P207584	AP	9H0547	P207339	LKBT			
9554	P206347	AP		J009629	AP		P207584	GOE	9H0554	M090538	FMC			
9557	P207339	AP	9630	X004962	GOE	9722	P206326	TRUX		M090538	LKBT			
9559	P207354	AP		X004962	TRUX	972204010	P206336	BOSS	9H47	M120100	FMC			
9560	J009560	AP	9631	J009631	AP	972303010	P206334	BOSS	9H554	M090538	FMC			
9561	P207347	AP	9632	J009632	AP	972335010	P206335	BOSS	9HB910	M100463	OKSH			
9562	P207349	AP	9633	J009633	AP	9724	P206512	TRUX	9LT400	M090362	RKRM			
9563	P207350	AP	9635	J009635	AP	9725	P206511	TRUX	9LT500	M090072	RKRM			
9564	P207351	AP	9636	J009636	AP	9726292	X007824	VSTL	9N8185	M190002	CAT			
9566	P207353	AP	9637	J009637	AP	9730	J190060	TRUX	9N8198	M065044	CAT			
9567	P207354	AP	9639	J009639	AP	9731	J190061	TRUX		M065044	RYGO			
9571	P271507	TRUX	9640	J009640	AP	9732	J009623	TRUX	9S0038	P208326	CAT			
	P271507	AP	9641	J009641	AP	9733	X007785	TRUX	9S200	P270532	HDMI			
9572	P271508	AP	9642100072	M100464	MTWC	97342400232	M120108	FXBL	9S225	P270533	HDMI			
9573	P270837	AP		M100464	GRVE	9737	J009612	TRUX	9S250	P270534	HDMI			
	P270837	TRUX	9642100076	M085078	GRVE	97496413	P206409	IVECO	9S275	P270535	HDMI			
9575	P270838	TRUX		M085078	MTWC	97926300001	M120189	UCP	9S300	P270536	HDMI			
	P270838	AP	9644	J009644	AP		M120189	FXBL	9S300CP	P271507	HDMI			
9577	P271511	AP	9645	J009645	AP	979541R91	M090544	NAVI	9S350	P270538	HDMI			
9581	P206521	TRUX	9648	J009648	AP	97977600026	P206403	FXBL	9S350CP	P271508	HDMI			
9587	P206617	GOE		J009648	TRUX	97977600238	P210110	FXBL	9S400	P270539	HDMI			
	P206617	TRUX	9649	J009649	TRUX	9798	P206511	TRUX	9S400CP	P270837	HDMI			
	P206617	AP		J009649	AP	9799	P206512	TRUX	9S450	P270540	HDMI			
9598	P206367	GOE	964L1	M085008	WGMC	980001350	X004539	GAME	9S500	P270541	HDMI			
	P206367	AP		M085008	DLEQ	980011834	J190045	GAME	9S500CP	P270838	HDMI			
9599	P207281	TRUX	9650	J009650	AP	9801	P206508	TRUX	9S550	P270542	HDMI			
9600	P270543	HDMI	9652	P222018	TRUX	9803	P206509	TRUX	9S600	P270543	HDMI			
	P206324	AP	9653	P222018	TRUX	9804	P206508	TRUX	9S600CP	P271511	HDMI			
	P270543	XAIR	9656	J009611	TRUX	9805	P206510	TRUX	9XD354	M085008	RKRM			
	P206324	TRUX	96600512	M060037	GRDL	9806	P206511	TRUX	9XD358	M090146	RKRM			
	P206324	GOE	9664	J190056	TRUX	9807	P206512	TRUX	9XD400	M090544	RKRM			
9600CP	P271511	HDMI	9665	J190057	TRUX	9810	P224492	TRUX	9XD403	M090544	RKRM			
96014149	P206327	DLTC	9666	X007829	TRUX	9811	P205834	TRUX	9XD404	M090544	RKRM			
96028649	P207667	DLTC	9667	J190059	TRUX	982438003	X004539	CMPR	9XD405	M090544	RKRM			
9604	J009604	TRUX	9668	X007830	TRUX	9824380040026	P207596	CMPR	9XD408	M090544	RKRM			
	X007824	AP	9669	X007831	TRUX	9824380090004	X004478	CMPR	9XD448	M090544	RKRM			
96047289	X007784	DLTC	9670	J190062	TRUX	9824380090006	X004478	CMPR	9XD500	M090074	RKRM			
96047309	P226155	DLTC	9671	X009076	TRUX	9824380090009	X004480	CMPR	9XD505	M090074	RKRM			
96047569	P206410	DLTC	9673152	M001702	CASE	9837	M070028	CRMY	9XD508	M090535	RKRM			
9605	J009605	TRUX		M001702	NH	98423	M065065	CRMY	9XD508W	M090535	RKRM			
	J009605	AP		M001702	KBCO	985250008	M080018	EIMC	9XD548	M090074	RKRM			
96057001	M065044	VMER	9674	P222744	TRUX	98525008	M080018	EIMC	9Y0176	P206407	CAT			
960570011	M065044	VMER	9675	P222745	TRUX	986055	M060158	CHAMP						
9606	J009606	AP	9676	P222746	TRUX									
	X007824	TRUX												

A		
A004482	X004482	CRAN
A017851	P206409	CASE
A0409520000	P206410	FRTL
A0410342	M090535	FRTL
A04103420	M090535	FRTL
A0410561	M100464	FRTL
A04105610	M100464	FRTL
A04105611	M100464	FRTL
A04105620	M090544	FRTL
A0410617	M090544	FRTL
A04106170	M090544	FRTL
A04106171	M090544	FRTL
A0410618	M100464	FRTL
A04106181	M100464	FRTL
A0410879	M090535	FRTL
A04108790	M090535	FRTL
A04108791	M090535	FRTL
A04109610	M100464	FRTL
A04114470	M100464	FRTL
A0411447000	M100464	FRTL
A04114471	M100464	FRTL
A04116940	M100465	FRTL
A04116941	M100464	FRTL
A04117170	M100463	FRTL
A04117171	M100463	FRTL
A04118400	M100465	FRTL
A0411843	M100465	FRTL
A04118430	M100465	FRTL
A0412094	M100465	FRTL
A04120940	M100465	FRTL
A0412096000	X007785	MERS
A0412096001	X007784	MERS
A04122700	M100463	FRTL
A04125560	M100465	FRTL
A0412966	M100465	FRTL
A041407500	M100580	FRTL
A0414075000	M100580	FRTL
A04164220	M120365	MERS
A0416422000	M120365	CAT
A0416704002	M110311	MERS
	M110311	FRTL
A0495200	P206410	FRTL
A0534253	P206403	WTLK
	P206403	AECW
A0534254	P206409	WTLK
A0546090	P206405	AECW
A0574901CJ	P213191	ONTB
	P213191	BIAM
A07849P05	M120108	GRDL
A118960	J190062	MNTW
	J190062	MTWC
A118960	J190054	MNTW
A1204214	M100464	PETTI
A1204227	M090535	PETTI
A1204265	M120225	PETTI
A1204277	M120365	PETTI
A134171	X004478	AMHO
A135428	M060037	GRVE
	M060037	Marine
	M060037	MTWC
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(See the first page of this section for the Manufacturer's Code Listing)

CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
A135430	M070068	CASE	A3764910240	P206519	FRTL	A602499001	P207332	VMER	AC504	P206375	EAGL	AS350	J000201	AP
A139977	X004482	LRAN	A3764920159	P206554	FRTL	A60AF	J000209	TORCA	ACU5266	X004478	ROVLR	AS35A	J000201	GRMC
A14105	P206601	IR	A3764920259	P206552	FRTL	A6290	M101170	GNRC	X004478	MULTI		AS3A	J000200	GRMC
A14105X1	P206602	IR	A3764920640	X007785	FRTL	A6814910400	M120448	FRTL	X004478	UNIP		AS400	J000202	TRUX
A141843	X004480	LRAN	A3764921340	X007784	FRTL	A7471	P206303	XMN	X004478	LEYL			J000202	AP
A147178	X004482	MCC	A3764921440	P206602	FRTL		P206303	AMC	ACU5267	X004480	MULTI	AS4A	J000202	GRMC
	X004482	CASE	A3764921940	X007830	FRTL	A8593386	X006203	RNDR	X004480	UNIP		AS500	J000203	AP
A14789	X004476	IR	A3764922104	P206311	FRTL	A8596162	J226148	RNDR	X004480	ROVLR			J000203	TRUX
A162292	X004484	CASE	A3764922204	P208388	FRTL	A8599672	P206403	RNDR	X004480	LEYL		AS5A	J000203	GRMC
A1636	P206303	SAKR	A3764922604	P207290	FRTL	A8599673	X004536	RNDR	AD300	P207619	RKRM	ASKS191521	M080024	HSTR
A166072	P207397	ELECT	A3964920040	X004480	MERS	A8599674	P206306	RNDR	AD302	P206612	RKRM	ASKS477902	M060037	HSTR
A173381	M001703	CASE	A400	P206304	RKRM	A8605649	P270543	RNDR	AD308	J009393	RKRM	AT10646	J004482	JNDR
A17851	P206409	CASE		X006203	AP	A8605660	X004539	RNDR	AD351	P206605	RKRM	AT177974	M001702	JNDR
	P206409	MJPR		X006203	GOE	A8891	M060250	GNRC	AD352	P206613	RKRM		M001702	CMCO
A19563	M070008	CASE		X006203	TRUX	AA200	P206306	RKRM	AD354	P207582	RKRM	AT182928	M001503	JNDR
A199510	P206509	GRVE	A40024	J024746	RKRM	AA250	P206308	RKRM	AD358	P207581	RKRM	AT252689	X004482	JNDR
	P206509	MNTW	A40024PL	J024757	RKRM	AA275	P206927	RKRM	AD401	P207567	RKRM		X004482	BEQP
A200	P207415	RKRM	A40036	P208366	RKRM	AA300	P206309	RKRM	AD402	P207567	RKRM	AT400	P207367	RKRM
A2036926	P206411	CASE	A40036PL	J034746	RKRM	AA30024	P208330	RKRM	AD404	P206617	RKRM		P207367	PDCI
	P206411	PTN	A40048	P207295	RKRM	AA30024PL	J240016	RKRM	AD455	P207582	RKRM	AT4863	M120100	GRDL
A20AF	J000205	TORCA	A40048PL	P207320	RKRM	AA30048PL	P207312	RKRM	AD500	P206615	RKRM	AT500	P206849	RKRM
	J000204	TORCA	A40060	P207290	RKRM	AA33992	M090544	HRSN	AD506	P206615	RKRM		P206849	PDCI
A21464	M065071	CASE	A40060PL	P207301	RKRM	AA350	P206310	RKRM	AE12380	P206303	XMN	AT550	P207368	PDCI
A215675	M120100	JOY	A40072PL	P216202	RKRM	AA35024	J024748	RKRM		P206303	AMC		P207368	RKRM
A22AF	J000205	TORCA	A400PL	P207308	RKRM	AA35024PL	P206385	RKRM	AE15200	P206303	AMC	AT55914	X004480	JNDR
A2300003	M120131	UPTI	A40801	M090009	ROUS	AA35036	P208358	RKRM		P206303	XMN	AT600	P206850	RKRM
A2300003001	M120131	UPTI		M090009	DACR	AA35036PL	P208359	RKRM	AE20595	P206407	JNDR	AT6501101	M100016	HRSN
A2300003A001	M120131	UPTI	A40AF	J000202	TORCA	AA35048	P206382	RKRM		P206407	CMCO		M100016	CABT
A2300051001	M090823	UPTI	A41210A	P206344	EAGL	AA35048PL	P206386	RKRM	AE20595P221454	P206407	JNDR	AT650111	M100016	HRSN
A2318028	M085023	PETTI	A41212A	P206344	EAGL	AA400	P206311	RKRM	AE20601	M085023	JNDR	AT65079	X004480	JNDR
A2318037	M085008	PETTI	A41818A	P206345	EAGL	AA40024	J024748	RKRM	AE31390	P206343	XMN	AT700	P206851	RKRM
A2318051	M090544	PETTI	A4194907045	P270536	FRTL	AA40024PL	J024749	RKRM		P206343	AMC	AT800	P207369	RKRM
A2320050001	M001505	UPTI	A4194927029	M070068	FRTL	AA40036	P206386	RKRM	AE56777	P206601	JNDR	AU100240	M101169	AST
A23476	M065071	CASE	A42229	M065030	CASE	AA40036PL	P208359	RKRM	AE56778	P206602	CMCO		M101169	ASTE
A2350040001	P222017	UPTI		M065030	MCC	AA40048	P206382	RKRM	AEC03276B	M120365	OBIL	AU100263	M002121	AST
A2350179001	M001865	UPTI	A44332	P206343	AMC	AA40048PL	P206386	RKRM	AEM001327	M001327	PBLT		M002121	ASTE
A2350217001	M002164	UPTI		P206343	XMN	AA40060	P208388	RKRM	AF5108	P206546	XMN	AU100265	P206311	ASTE
A2370001001	M100016	UPTI	A45AF	J000208	TORCA	AA40060PL	P208389	RKRM		P206546	AMC		P206311	AST
A2416	P206546	SAKR	A4957	M085023	CRAN	AA40072PL	J640005	RKRM	AF9844901	X004962	RVI	AU100481	P208386	ASTE
A24314	M065071	CASE	A500	P206305	RKRM	AA40096PL	P209913	RKRM	AG059617	M001432	AGCO		P208386	ASTE
A250	P206301	RKRM		X006202	AP	AA400PL	P206384	RKRM	AG123684	M120235	AGCO	AU100482	M101170	ASTE
A250179001	M001865	UPTI		X006202	TRUX	AA500	P206312	RKRM		M120235	AGEM		M101170	AST
A2522	P206343	SAKR		X006202	GOE	AA50024	J024750	RKRM	AG123921	P208392	AGCO	AU100484	J008681	ASTE
A25AF	J000206	TORCA	A50024	J024747	RKRM	AA50024PL	J024751	RKRM	AG126501	M002123	AGCO		J008681	AST
A275	P206927	RKRM	A50024PL	J024758	RKRM	AA50036	P208374	RKRM	AG126558	M001668	AGCO	AU100771	P206546	ASTE
A27AF	J000207	TORCA	A50036	P216204	RKRM	AA50036ALZ	P208374	RKRM	AG126558	M001668	AGCO		P206546	AST
A300	P206302	RKRM	A50036PL	P216204	RKRM	AA50036PL	P208375	RKRM	AG1418A	P208386	EAGL	AU100772	P206602	ASTE
	X004478	TRUX	A50048	P207296	RKRM	AA50048	P206383	RKRM	AG418K	P208386	EAGL		P206602	AST
A30024	P208326	RKRM	A50048PL	P207321	RKRM	AA50048ALZ	P206383	RKRM	AG514228	M085078	AGCO	AU103095	P206304	ASTE
A30024PL	P207318	RKRM	A50060PL	P207302	RKRM	AA50048PL	P206387	RKRM	AG514354	X004538	AGCO		P206304	AST
A30036	P208326	RKRM	A50072PL	P216205	RKRM	AA50060	P208394	RKRM	AG518A	P208392	EAGL	AU103151	M090594	ASTE
A30048	P207293	RKRM	A50084PL	P209912	RKRM	AA50060ALZ	P208394	RKRM	AG522580	P207282	AGCO		M090594	AST
A30048PL	P207318	RKRM	A50096	P209910	RKRM	AA50060PL	P208395	RKRM	AG522726	P206409	AGCO	AU103152	M002120	AST
A300PL	J014621	RKRM	A50096PL	P209910	RKRM	AA50072	P224600	RKRM	AG522729	M001503	AGCO		M002120	ASTE
A306	P206303	UNVL	A500PL	P207309	RKRM	AA50096	P208375	RKRM	AG524K	J024751	EAGL	AU104372	M002118	AST
A30AF	J000200	TORCA	A500Q	X006202	AP	AA50096PL	P209912	RKRM	AG536K	P208375	EAGL		M002118	ASTE
A31191	M120235	HDMI	A503A	P207339	EAGL	AA500PL	P206385	RKRM	AG555185	P206407	AGCO	AU104419	P206301	AST
A312	X006204	TRUX	A508A	P207339	EAGL	AA600	P207419	RKRM	AG605405	M090544	AGCO		P206301	ASTE
	X006204	GOE	A508K	J009547	EAGL	AB3511K	J014622	EAGL	AH6019	M090538	FMC	AU104420	M001756	AST
	X006202	GOE	A50AF	J000203	TORCA	AB418A	P206384	EAGL	AI1000	P206519	EAGL		M001756	ASTE
	X006204	AP	A51515A	P206347	EAGL	AB518A	P207298	EAGL	AI400	P206525	EAGL	AU104421	M065142	ASTE
A3345404	M100043	AUXI	A51515K	P207346	EAGL	AB518K	P207309	EAGL	AI900	P206518	EAGL		M065142	AST
A350	P206303	RKRM	A52020A	P206348	EAGL	AB524K	J024758	EAGL	AJ40A	P206336	EAGL	AU104425	X007829	ASTE
	P206303	RYCO	A5540	X007785	CRAN	ABPN3535PLA	J009605	ALP	AJ50A	P206337	EAGL		X007829	ASTE
	P206303	VIC	A5543	X007829	CRAN	ABPN3540EST	J000216	ALP	ALG9047	J190059	AFC	AU105143	M090280	ASTE
A35036	P208350	RKRM	A5544	X004538	CRAN	ABPN3540PLA	J009606	ALP	AP41818A	P207329	EAGL		M090280	AST
A35036PL	P216200	RKRM	A5545	X007830	CRAN	ABPN3540PLB	P222740	ALP	AP51515K	J190019	EAGL	AU106006	M045193	ASTE
A35048PL	P207319	RKRM	A5546	X007831	CRAN	ABPN3540PLS	J009623	ALP	AP52020A	P206349	EAGL		M045193	AST
A350PL	J014622	RKRM	A5547	X007784	CRAN	ABPN3550EST	J000217	ALP	AR70100	P206411	JNDR	AU106185	M001702	ASTE
A35108	P206546	PUPR	A5548	X004539	CRAN	ABPN3550PLA	J009607	ALP		P206411	CMCO		M001702	AST
A35AF	J000201	TORCA	A56029	M070028	CASE	ABPN3550PLB	P222741	ALP	AS25A	J000206	GRMC	AU106186	M001593	ASTE
A36280	M070050	DACR	A600	P207559	RKRM	ABPN3550PLS	J009624	ALP	AS2A	J000204	GRMC		M001593	AST
A3764910140	P206521	FRTL				AC412	P206374	EAGL	AS300	J000200	AP	AU106262	P207295	ASTE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
D3HA5225AAA	M090146	FMCO	DA0796	M065034	WBBCO	E12651880	M122300	ECLD	E650024	M070050	RYGO	EH11068196	P207394	ECLD
D3HA5230FA	M090535	FMCO	DA2638	M065034	WBBCO	E12651892	P207419	ECLD	E650057	M085008	AMHO	EH6232815	M120131	ECLD
D3HS5230GA	M100048	FMCO		M065034	KTSU	E130	M085023	EAGL	E650097	M090074	AMHO		M120131	VME
D3HZ5230HA	M120365	FMCO		M065034	DRSS	E13039	M085023	EAGL		M090074	RYGO		M120131	VLVO
D3HZ5230D	M090146	FMCO	DA3580811	M120100	HRSN	E135	M070028	EAGL	E650102	M090158	AMHO	E110481S	X005207	EAGL
D3HZ5230M	M090535	FMCO	DA3590811	M120100	HRSN	E1351	M070028	EAGL		M090158	RYGO	EN163	M060005	WPOW
D3HZ5255A	M090146	FMCO	DA3590823	M090544	HRSN		M085023	EAGL	E650103	M090170	RYGO	EN1632	M045237	WPOW
D3TZ5230D	M065065	FMCO	DA3590824	M100464	HRSN	E1405	M085171	EAGL		M090170	AMHO	EN164	M070008	WPOW
D45000242	M090091	KW	DA3590825	M100464	HRSN	E1HS5230AA	M100463	FMCO	E650105	M065065	RYGO	EN170	M070050	WPOW
D45000248	M100016	KW	DA3590827	M085023	HRSN	E1HT5225BA	M110014	FMCO	E704	M120382	EAGL	EN171	M090009	WPOW
D45000259	M120450	KW	DA3590829	M090538	HRSN	E1HZ5230A	M110014	FMCO	E705	M120566	EAGL	EN20948	M070068	ARDCO
D45000266	M101182	KW	DA359088	M090074	HRSN	E201	M085023	EAGL	E707	M100213	EAGL	EN20949	M070008	ARDCO
D45000282	M100944	KW	DA81670	M120108	WRNR	E202	M065065	EAGL	E708	M090547	EAGL	EN20951	M085206	ARDCO
D45000307	M100463	KW	DC200	X004536	UCP	E203	M065065	EAGL	E725	M065030	EAGL		M085206	PTBN
D45009558	M110849	KW	DC225	X004537	UCP	E204	M065065	EAGL	E735	M070069	EAGL	ENC0144	M070068	ARDCO
D49456	M070008	LRAN	DC250	X004476	UCP	E206	M100048	EAGL	E740	M080024	EAGL	ENE0004	M100048	ARDCO
D4HA5225EA	M090146	FMCO	DC275	X004538	UCP	E208	M085008	EAGL	E750	M090091	EAGL	ENE0188	P206333	PTBN
D4HZ5230C	M090146	FMCO	DC300	X004478	UCP	E209	M060232	EAGL	E8A0593	M085411	LKBT	ENE0189	P206334	ARDCO
D4NN5230F	M085078	NH	DC350	X004480	UCP	E20ST	J000210	TORCA	E8A0617	M002119	LKBT		P206334	PTBN
D4NN5230F	M085078	CASE	DC400	X004482	UCP	E22ST	J000212	TORCA	E8A0618	P206315	LKBT	ENE0229	P207367	PTBN
D5443	J190003	GNRC	DL0201001	M120189	NPRT	E230	M065065	EAGL	E8A0619	M001503	LKBT		P207367	ARDCO
D5443R	J190003	GNRC		M120189	NEPN	E2355	M085008	EAGL	E8A0620	M001702	LKBT	ENE0292	P206397	ARDCO
D5HA5225HA	M100464	FMCO		M120189	NPLN	E25ST	J000211	TORCA	E8HT5225LA	M100807	FMCO	ENE0298	P207361	ARDCO
D5HS5230EA	M120225	FMCO	DOHZ5230F	M120135	FRTL	E27ST	J000213	TORCA	E8HZ5230H	M100807	FMCO	ENE0299	P206556	ARDCO
D5HZ5230G	M100464	FMCO		M120135	FMCO	E2HS5225EA	M100146	FMCO	E9218031	M090095	ECLD	ENE0300	P207419	ARDCO
D5NN5N202A	M070068	NH	DP51654	M060250	DFLX	E2HT5225AZB	M120366	FMCO	EB5665	M120418	HOBT	ENE0308	P206849	ARDCO
	M070068	FMCO	DP51654Q	M060250	DFLX	E2HT5225BCA	M100465	FMCO	EB5728	P206399	HOBT	ENE0337	M070068	ARDCO
D5TA5225BDA	M090538	FMCO	DSC200	X004536	TAC	E2HT5225BGA	M100465	FMCO	EB5792	P208364	HOBT	ENE0340	P206336	ARDCO
D5TA5225BDA1	M090538	FMCO	DSC250	X004476	TAC	E2HT5225BNA	M100464	FMCO	EB5922	M120418	HOBT	ET5048	M065071	HOBT
D5TQ5225BDA	M090538	FMCO	DSC275	X004538	TAC	E2HT5225BMA	M100465	FMCO	EB5933	P206326	HOBT	EX0020000800000	P206407	PSIS
D5TZ5230AC	M065065	FMCO	DSC300	X004478	TAC	E2HT5225BMA	M100465	FMCO	EB5944	P206510	HOBT	EX0030000100000	P206507	PSIS
D5TZ5230AF	M065065	FMCO	DSC300N	J000214	TAC	E2HT5225L	M100465	FMCO	EB5945	P206411	HOBT	EX300017	M060037	RNCO
D5TZ5230AH	M090538	FMCO	DSC350	X004480	TAC	E2HZ5230ANA	M085172	FMCO	EB5946	P207619	HOBT	EX300021	M060158	RNCO
D5TZ5230CM	M065065	FMCO	DSC400	X004482	TAC	E2HZ5225AFB	M110012	FMCO	EB5954	P206315	HOBT	EX300040	M100146	RNCO
D5TZ5230J	M065065	FMCO	DSC500	X004484	TAC	E2HZ5230G	M085189	FMCO	EB5955	P206365	HOBT	EX302240	P208366	RNCO
D6667R	P206615	GNRC	DWM4410	M100464	PDCI	E2HZ5230H	M100465	FMCO	EB5959	P206407	HOBT	EX305528	P270531	RNCO
D6HS5230AA	M100464	FMCO	DX004482	X004482	DD	E2HZ5230I	M085172	FMCO	EB5960	P206320	HOBT	EX306040	P206410	RNCO
D6HS5230DA	M090072	FMCO	DX004484	X004484	DD	E2HZ5230S	M085172	FMCO	EB5967	P207354	HOBT	EX306140	P206525	RNCO
D6NN5C208A	P270534	NH	DX3590812	M100049	HRSN	E2HZ5230Y	M090544	FMCO	EB5969	P207328	HOBT	EX306190	P206519	RNCO
	P270534	FIAT	DX3590813	M090535	HRSN	E2HZ5230Z	M110012	FMCO	EB5972	P206335	HOBT	EZ3	J000214	GRMC
	P270534	CASE	DX359089	M090544	HRSN	E301	M090538	EAGL	EB5975	J009649	HOBT	EZ35	J000215	GRMC
	P270534	FMCO				E302	M120100	EAGL	EB5982	P207352	HOBT	EZ4	J000216	GRMC
D71668	M085023	LRAN				E303	M120365	EAGL	EB6010	M065044	HOBT	EZ5	J000217	GRMC
D7204	P206369	GNRC				E30ST	J000214	TORCA	EB6017	P206851	HOBT			
D7HT5225AJA	M100464	FMCO	E0300478	X007833	DETZ	E31505	M120108	EAGL	EB6025	P226157	HOBT			
D7HT5225BEA	M100463	FMCO	E0302842	P206849	DETZ	E32841	M090159	MJPR	EB6071	P206339	HOBT	F000687	X004538	TJAK
D7HT5225BNA	M120197	FMCO	E0303895	P206850	DETZ		M090159	CASE	EB6073	M002118	HOBT		X004538	JNDR
D7HT5225CLA	M100465	FMCO	E0555230CA	M100465	FMCO	E35ST	J000215	TORCA	EBC200	X004536	CLMP	F004250	M085078	JNDR
D7HT5225D	M100465	FMCO	E0HT5225AB	M090534	FMCO	E3HT5225RA	M100464	FMCO	EBC225	X004537	CLMP	F010587	X004478	TJAK
D7HT5230FRA	M100465	FMCO	E0HT5225EB	M100464	FMCO	E3HZ5230B	M110189	FMCO	EBC250	X004476	CLMP	F024660	M070068	TJAK
D7HT5230FYA	M100463	FMCO	E0HT5225FA	M120366	FMCO	E401	M100049	EAGL	EBC275	X004538	CLMP	F054725	M070069	TJAK
D7HT5230GEA	M100465	FMCO	E0HZ5230A	M090534	FMCO	E4041463	X004539	ECLD	EBC300	X004478	CLMP	F10123	J190059	XMN
D810093	M060037	DAEW	E0HZ5A231B	J009611	FMCO	E4043701	X004482	ECLD	EBC350	X004480	CLMP		J190059	AMC
D810150	M070068	DAEW	E100154	M065044	CLJL	E4047421	X004484	ECLD	EBC350ALZ	X006204	CLMP	F1200	X004536	EAGL
D810174	M065030	DAEW	E101	M090544	EAGL	E40ST	J000216	TORCA	EBC400	X004482	CLMP	F122005	X004962	TJAK
D830151	M070069	DAEW	E102	M090544	EAGL	E45ST	J000219	TORCA	EBC400ALZ	X006203	CLMP		X004962	JNDR
D8HS5225CA	M100464	FMCO	E103	M090535	EAGL	E4HS5225EA	M120365	FMCO	EBC500	X004484	CLMP	F1225	X004537	EAGL
D8HS525EA	M100463	FMCO	E104	M090074	EAGL	E4HT5230BA	M085189	FMCO	EBC500ALZ	X006202	CLMP	F1250	X004476	EAGL
D8HT5230BA	M100465	FMCO	E106	M090072	EAGL	E4HZ5230B	M085172	TERN	EBC600	X004539	CLMP	F1275	X004538	EAGL
D8HT5230CA	M100465	FMCO	E108	M090146	EAGL	E4HZ5230C	M085172	FMCO	ECL1828	X004482	PAI	F1300	X004478	EAGL
D8HZ5230AB	M100463	FMCO	E109	M085056	EAGL	E4NN5B233AA17M	X004476	NH	ECL1829	X004484	PAI	F1350	X004480	EAGL
D8HZ5230AE	M100464	FMCO		M090362	EAGL	E4NN5N231AA	X004536	NH	EE100601	M120225	OKSH	F1400	X004482	EAGL
D8HZ5230AF	M100465	FMCO					X004536	FMCO	EEM1879	M090544	PAI	F1450	X004962	EAGL
D8HZ5230AT	M100465	FMCO	E110	M085171	EAGL			NH	EEM1895	M090781	PAI	F1500	X004484	EAGL
D8HZ5230AV	M100463	FMCO	E111	M100466	EAGL	E502	M120131	EAGL	EEM1896	M090823	PAI	F1600	X004539	EAGL
D8HZ5230B	M100465	FMCO	E112	M100465	EAGL	E50ST	J000217	TORCA	EEM1899	M120566	PAI	F18658	M090170	FRYM
D8HZ5230F	M100465	FMCO	E114	M100807	EAGL	E56990	M120100	LRAN	EEM1901	M090535	PAI	F18685	M045237	CASE
D8TZ5230AC	M090538	FMCO	E115	M100695	EAGL	E5779	M002119	GNRC	EEM1917	M120382	PAI	F19008	M090210	FRYM
D8TZ5230CF	M065065	FMCO	E117	M090595	EAGL	E5HS5225BA	M080024	FMCO	EF9518	P206641	EAGL	F240	P206602	EAGL
D9HS5225JA	M100464	FMCO	E119	M100582	EAGL	E5HZ5230B	M100464	FMCO	EF9520	P206512	EAGL	F250	P206603	EAGL
D9HZ5230A	M085172	FMCO	E123	M070008	EAGL	E60ST	J000218	TORCA	EG0938	M045237	EGLE	F2500	J000217	EAGL
D9HZ5A231J	J009612	FMCO	E12574828	P207596	ECLD	E650006	M090544	AMHO	EH0201001	M100048	NPLN	F2500PF	J009624	EAGL

Cross Reference

(See the first page of this section for the Manufacturer's Code Listing)



CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
F250K	P206611	EAGL	FL225	X004537	GRMC	GD1402841	M120365	LROI	H300	J000227	AP	HD2015	H001033	HAVA
F260	P207596	EAGL	FL25	X004476	GRMC	GD1406486	X004484	LROI	J000227	MDIESL		HD2016	H001034	HAVA
F260K	P207598	EAGL	FL275	X004538	GRMC	GD1413616	M090009	LROI	J000227	TRUX		HD2017	H001035	HAVA
F2A0375	M100580	LKBT	FL3	X004478	GRMC	GD1417607	P207365	LROI	P206523	RKRM		HD2030	H001278	HAVA
F300106	M070068	JNDR	FL35	X004480	GRMC	GD1417608	M120365	LROI	P206407	TRUX		HD2031	H001279	HAVA
	M070068	TJAK	FL4	X004482	GRMC	GD1422024	M060037	LROI	H300P			HD2036	H001284	HAVA
F330	J000227	EAGL	FL404	P206616	RKRM	GD169026	P206407	LROI	H312	J000228	AP	HD2190	M045123	HAVA
F335	J000228	EAGL	FL4A	X006203	GRMC	GD1755012	M085090	LROI	J000228	TRUX		HD2200	M060037	HAVA
F3A0066	P206385	LKBT	FL5	X004484	GRMC	GD183184	P206411	CMPR	H350	P206524	RKRM	HD2210	M060038	HAVA
F5225	P206404	EAGL	FL5A	X006202	GRMC		P206411	LROI	H360339430	X004536	KTSU	HD2220	M065030	HAVA
F5300	P206407	EAGL	FL6	X004539	GRMC	GD200SPQ063M120100		LROI	H37006	M070008	GALN	HD2230	M070068	HAVA
F5350	P206409	EAGL	FMC090091	M090091	KW	GD2016573	M120108	LROI	H400	J000230	AP	HD2240	M070069	HAVA
F5400	P206410	EAGL	FP1503535	M090210	PTBN	GD202SPT063M122300		LROI	J000230	TRUX		HD2250	M080024	HAVA
F5500	P206411	EAGL	FS1719	J190059	SAKR	GD302650	X004539	LROI	P206525	RKRM		HD2260	M090091	HAVA
FL5L912	M080018	RDCI	FS30018	P206552	RKRM	GD5000268	P206410	LROI	H400P	P206410	TRUX	HD2265	M100016	HAVA
FA3066	P206303	FSA	FS35012	J240005	RKRM	GD5826466	X004480	LROI	H412	J000231	AP	HD2500	M065065	RKRM
FB300	M001702	TRUX	FS35018	P206553	RKRM	GD5827462	M090158	LROI	J000231	TRUX		HD2501	M065065	RKRM
FB350	M001502	TRUX	FS35024	J024850	RKRM	GD5840015	M090535	LROI	H500	J000232	TRUX	HD2502	M065065	RKRM
FB388	M001432	TRUX	FS40018	P206554	RKRM	GD7144099	P270536	LROI	J000232	AP		HD2503	M065065	RKRM
FB400	M002164	TRUX	FS40024	J024836	RKRM	GD98J11	P206411	LROI	P206526	RKRM		HD2507	M065065	RKRM
FB400C	M002164	TRUX	FS40030	J024836	RKRM		P206411	CMPR	P206411	TRUX		HD2509	M065065	RKRM
FB450	M001703	TRUX	FS40036	J034673	RKRM	GD98J14	P206407	LROI	H500Z	J000232	TRUX	HD25039	M065065	RKRM
FB4C	P206610	GRMC	FS50012	J240007	RKRM	GD98J3	P206410	LROI	H556	M002121	RKRM	HD2510	M065065	RKRM
FB4ZN	P206602	GRMC	FS50018	P206555	RKRM	GD98J8	P206404	LROI	H580	P206517	RKRM	HD25739	M065065	RKRM
FB500	M001865	TRUX	FS50024	J024838	RKRM	GF3120	P226140	GRMC	H600	J000233	AP	HD278	M065065	RKRM
FB500C	M001865	TRUX	FS50036	J024837	RKRM	GF35120	P226141	GRMC	J000233	TRUX		HD3078	M085023	RKRM
FB5C	P206611	GRMC	FT300	P226129	RKRM	GF35300	P226154	GRMC	P206515	RKRM		HD325	M065065	RKRM
FB5ZN	P206603	GRMC	FT300SS	P226132	RKRM	GF412	P224479	GRMC	H700	P206516	RKRM	HD350	M070028	RKRM
FB600	M001505	TRUX	FT350	P226154	RKRM	GF4120	P226142	GRMC	H811	P206520	RKRM	HD3530	M085008	RKRM
FB6C	P207598	GRMC	FT350SS	P226133	RKRM	GF418	J024754	GRMC	H850	P206517	RKRM	HD357	M085008	RKRM
FB6ZN	P207596	GRMC	FT400	P226155	RKRM	GF424	J024835	GRMC	H900	P206518	RKRM	HD358	M085008	RKRM
FBC200	X004536	PDCI	FT400SS	P226156	RKRM	GF4300	P226155	GRMC	H92659	M080018	GALN	HD359	M070028	RKRM
FBC225	X004537	PDCI	FT500	P226157	RKRM	GF436	J034743	GRMC	HC2738	M070069	FMC	HD363	M070028	RKRM
FBC250	X004476	PDCI	FT500SS	P226158	RKRM	GF512	P224481	GRMC	M070068	LKBT		HD3631	M070028	RKRM
FBC275	X004538	PDCI	FTG2001925	P226148	RKRM	GF5120	P226143	GRMC	HD0714	X004536	HAVA	HD3810	X004478	HAVA
FBC300	X004478	PDCI	FTG2501925	P226149	RKRM	GF518	J024755	GRMC	HD0716	P206279	HAVA	HD3811	X004480	HAVA
FBC350	X004480	PDCI	FTG30015	P226129	RKRM	GF524	J000123	GRMC	HD0718	P206280	HAVA	HD3812	X004482	HAVA
FBC350A	X006204	PDCI	FTG3001925	P226129	RKRM	GF5300	P226157	GRMC	HD0732	P206313	HAVA	HD3815	X004484	HAVA
FBC400	X004482	PDCI	FTG35015	P226154	RKRM	GF536	J034744	GRMC	HD0736	P206315	HAVA	HD3995	M085084	HAVA
FBC400A	X006203	PDCI	FTG3501925	P226154	RKRM	GF6120	P226150	GRMC	HD0738	P206316	HAVA	HD4012	M100146	HAVA
FBC450	X004962	PDCI	FTG40015	P226155	RKRM	GF668	J190059	AC	HD0740	P206317	HAVA	HD4020	M045237	HAVA
FBC500	X004484	PDCI	FTG4001925	P226155	RKRM	GH0201001	M100048	NPRT	HD0746	P206340	HAVA	HD4025	M070008	HAVA
FBC500A	X006202	PDCI	FTG50015	P226157	RKRM		M100048	NEPN	HD0748	P206342	HAVA	HD403	M085171	RKRM
FBC600	X004539	PDCI	FTG5001925	P226157	RKRM		M100048	NPLN	HD0750	P206344	HAVA	HD4035	M080018	HAVA
FCM060037	M060037	PITC	FTS35019	P226133	RKRM	GH115PL	P205834	RKRM	HD0766	P226141	HAVA	HD404	M085171	RKRM
FCM080024	M080024	DART	FTS40019	P226156	RKRM	GH121PL	P205834	RKRM	HD0768	P226142	HAVA	HD4040	M090009	HAVA
	M080024	KW	FTS50019	P226158	RKRM	GH124PL	P205834	RKRM	HD0770	P226143	HAVA	HD405	M085171	RKRM
FCM090091	M090091	PBLT				GH18C	P206641	PDCI	HD0780	P207333	HAVA	HD4070	M090170	HAVA
	M090091	DART				GH18S	P206641	GRMC	HD0782	P207339	HAVA	HD4075	M090158	HAVA
	M090091	KW				GH24S	P205834	GRMC	HD0794	P207382	HAVA	HD4080	M120100	HAVA
FCM100016	M100016	KW	G1007513	P210110	UCP	GR91083250	M065034	PTBN	HD0804	P208348	HAVA	HD4090	M120365	HAVA
FF2391368	M085409	NH	G1007514	X006202	UCP	GVMA4191927029M070068		FRTL	HD0806	P208364	HAVA	HD4095	M170101	HAVA
FF2391369	M002119	NH	G1007531	P213191	TRMF	GVMA4194927029M070068		FRTL	HD0808	P208380	HAVA	HD4130	M090535	HAVA
FF2393512	P206341	NH	G1007778	P206404	PRVT				HD0810	P270530	HAVA	HD414	M090594	HDMI
FF2393513	J190013	NH	G12322838	M065065	VLVO				HD0812	P270531	HAVA	HD4170	M100043	HAVA
FF2405090	P206544	NH	G12322863	M120365	VLVO				HD0814	P270532	HAVA	HD4230	M090535	HAVA
FF2410384	P206407	NH	G153300	P226129	GRMC				HD0818	P270534	HAVA	HD4310	M060232	HAVA
FF2417954	P208326	NH	G1535300	P226154	GRMC				HD0820	P270535	HAVA	HD4315	M060232	HAVA
FF3043171	P206280	NH	G154300	P226155	GRMC				HD0822	P270536	HAVA	HD4320	M065065	HAVA
FG1133	M070008	PETTI	G155300	P226157	GRMC	H037006	M070008	DRSS	HD0824	P270538	HAVA	HD4380	M085056	HAVA
FG400120	P226142	RKRM	G2013323	M100213	VLVO	H092659	M080018	DRSS	HD0826	P270539	HAVA	HD449	M085171	RKRM
FG40018	J024754	RKRM	G2036932	X004484	CASE	H10	P206507	GRMC	HD0828	P270540	HAVA	HD500	M090074	RKRM
FG40024	J024835	RKRM		X004484	PTN	H1000	P206519	RKRM	HD0830	P270541	HAVA	HD6017	M100048	RKRM
FG40036	J034743	RKRM	G2584801	M002121	GRDL	H1015	P206521	RKRM	HD0834	P270543	HAVA	HD7034	M090538	RKRM
FG40048	P226142	RKRM	G2957	J190059	CHAP	H1510	P206521	RKRM	HD0841	P206605	HAVA	HD9000	P206407	HAVA
FG500120	P226143	RKRM	G33505	X004478	PTBM	H200	J000220	AP	HD0842	P206606	HAVA	HD9002	P206409	HAVA
FG50018	J024755	RKRM	G6442	J190059	FRAM	H212	J000221	TRUX	HD0843	P206607	HAVA	HD9004	P206410	HAVA
FG50024	J024837	RKRM	G695424	M100048	VLVO		J000221	AP	HD0850	P206612	HAVA	HD9006	P206411	HAVA
FG50036	J034744	RKRM	G717214	M100464	VLVO		J000222	TRUX	HD0860	P207567	HAVA	HD9035	P206406	HAVA
FI46070	J190059	XMN	G798803	M090538	VLVO	H214	J000222	TRUX	HD0865	P206615	HAVA	HD9830	M120197	HAVA
	J190059	AMC	G9013928	M120108	VLVO	H234	J000224	TRUX	HD200	M060232	RKRM	HH404X	P207567	EAGL
FL2	X004536	GRMC	G9013982	M120108	VLVO		J000224	TRUX	HD201	M060232	RKRM	HH505X	P207566	EAGL
			GD125065	P270539	LROI				HD2014	H001032	HAVA			

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
HT0549.....	P270539	.....LKBT	K324SBA.....	P208330	.....GRMC	KYX00448210	.....X004482	.....DART	L350F.....	P224669	.....RKRM	L4901010C.....	P207345	.....GRMC
HT0739.....	M090009	.....FMC	K324SBC.....	J240016	.....GRMC	KYX004484	.....X004484	.....DART	L350FNE.....	P207327	.....RKRM	L4901010SA.....	P207330	.....GRMC
HT739.....	M090009	.....FMC	K3524SBA.....	P208338	.....GRMC		X004484	.....UCP	L350FS.....	P206342	.....RKRM	L4901212SA.....	P206346	.....GRMC
HW0449.....	M090544	.....WBCO	K3536EXC.....	P216200	.....GRMC		X004484	.....STEW	L350NE.....	P207328	.....RKRM	L4901818A.....	P206345	.....GRMC
	M090544	.....DRSS	K3548EXC.....	P207319	.....GRMC		X004484	.....MARWIL	L350SB.....	P206398	.....RKRM	L4901818C.....	P206353	.....GRMC
			K424EXA.....	J024746	.....GRMC		X004484	.....FRTL	L350SR.....	J190014	.....RKRM	L4901818SA.....	P207329	.....GRMC
			K424EXC.....	J024757	.....GRMC		X004484	.....CRAN	L35150404SA.....	P206394	.....GRMC	L4901818SC.....	J190016	.....GRMC
			K424SBA.....	J024750	.....GRMC		X004484	.....SWEE	L35300404A.....	J009631	.....GRMC	L490181A.....	P206345	.....GRMC
I400.....	P270539	.....EAGL	J024748	.....GRMC					L35300404SA.....	J009635	.....GRMC	L500.....	P206348	.....RKRM
I500.....	P270837	.....EAGL	K424SBC.....	J024749	.....GRMC	KYX00448210	.....X004484	.....DART	L35300808A.....	J009639	.....GRMC	L50015.....	P206396	.....RKRM
I500K.....	P270838	.....EAGL	K436EXA.....	P208366	.....GRMC	KYX004536	.....X004536	.....FRTL	L35450909A.....	P206281	.....GRMC	L50030.....	J009633	.....RKRM
IE00001.....	P206340	.....HOIST	K436EXC.....	J034746	.....GRMC		X004536	.....DART	L35450909SA.....	P207352	.....GRMC	L50030NE.....	J009637	.....RKRM
IE00002.....	P206393	.....HOIST	K436SBA.....	P208358	.....GRMC	KYX004537	.....X004537	.....WSTI	L35900808A.....	P206342	.....GRMC	L50045.....	P206283	.....RKRM
IE00006.....	P206372	.....HOIST	K436SBC.....	P208359	.....GRMC		X004537	.....DART	L35900808SA.....	J190014	.....GRMC	L50045ALZ.....	P206283	.....RKRM
IE00012.....	M080018	.....HOIST	K448EXA.....	P207295	.....GRMC	KYX004538	.....X004538	.....NFC		P207363	.....GRMC	L50045F.....	J190025	.....RKRM
IH028.....	M065065	.....MRMT	K448EXC.....	P207320	.....GRMC		X004538	.....DART	L35901212A.....	P224669	.....GRMC	L50045FPL.....	P206286	.....RKRM
IH0859.....	M070008	.....FMC	K448SBA.....	P206382	.....GRMC	KYX004539	.....X004539	.....DART	L35901212SA.....	P207327	.....GRMC	L50045NEPL.....	P216169	.....RKRM
IH28.....	M065065	.....MRMT	K448SBC.....	P206386	.....GRMC	KYX005207	.....X005207	.....DART	L35901616A.....	P206343	.....GRMC	L50045PL.....	P206286	.....RKRM
IH859.....	M070008	.....FMC	K448EXC.....	P206386	.....GRMC	KYX005833	.....X007785	.....DART	L35901616SA.....	P207328	.....GRMC	L50045SR.....	P207354	.....RKRM
II00007.....	P207367	.....HOIST	K460EXA.....	P207290	.....GRMC	KYX006202	.....X006202	.....FRTL	L35AA.....	J009605	.....TORCA	L50045SRPL.....	P216169	.....RKRM
II00036.....	P206849	.....HOIST	K460EXC.....	P207301	.....GRMC	KYX006203	.....X006203	.....FRTL	L35A.....	J190061	.....TORCA	L50060.....	J009641	.....RKRM
II00037.....	P206850	.....HOIST	K460SBA.....	P208388	.....GRMC		X006203	.....WSTI	L3900606SA.....	P207362	.....GRMC	L50060NE.....	J009645	.....RKRM
II00038.....	P206336	.....HOIST	K460SBC.....	P208389	.....GRMC	KYX004484	.....X004484	.....CRAN	L3900707A.....	P206340	.....GRMC	L500FCR.....	P206347	.....RKRM
IPS0848.....	M090544	.....CHLN	K472EXC.....	P216202	.....GRMC				L3901010SA.....	P207326	.....GRMC	L500FNE.....	P207331	.....RKRM
IPS2453.....	M070050	.....CHLN	K472SBC.....	J640005	.....GRMC				L3901414A.....	P206341	.....GRMC	L500FPL.....	P207346	.....RKRM
IPS4174.....	M065065	.....CHLN	K484EXC.....	P224635	.....GRMC				L3901414SA.....	J190013	.....GRMC	L500NE.....	P206349	.....RKRM
IPS41742.....	M065065	.....CHLN	K496EXC.....	P224636	.....GRMC				L400.....	P206345	.....RKRM	L500NEPL.....	P206349	.....RKRM
IPS4586.....	M120154	.....CHLN	K524BC.....	J024751	.....GRMC				L40015.....	P206395	.....RKRM	L500PL.....	P206354	.....RKRM
			K524EXA.....	J024747	.....GRMC				L40030.....	J009632	.....RKRM	L500SB.....	P206400	.....RKRM
			K524EXC.....	J024758	.....GRMC				L40030NE.....	J009636	.....RKRM	L500SR.....	P207365	.....RKRM
			K524SBC.....	J024751	.....GROCK				L40045.....	P206282	.....RKRM	L500AA.....	J009607	.....TORCA
J009469.....	J009649	.....MARTIN	K536EXC.....	P216204	.....GRMC				L40045F.....	P206282	.....RKRM	L500A.....	P222741	.....TORCA
J009648016147	J009648	.....HRCN	K536SBA.....	P208374	.....GRMC				L40045FPL.....	P206285	.....RKRM	L50SA.....	J009624	.....TORCA
J1000406.....	J190060	.....THOM	K536SBC.....	P208375	.....GRMC				L40045NE.....	P207353	.....RKRM	L510.....	P207339	.....RKRM
J100046.....	J190060	.....THOM	K548EXA.....	P207296	.....GRMC				L40045SR.....	P207354	.....RKRM	L510PL.....	J009547	.....RKRM
J100122.....	J000224	.....THOM	K548EXC.....	P207321	.....GRMC				L40060.....	J009640	.....RKRM	L512.....	P207339	.....RKRM
J100123.....	P206610	.....THOM	K548SBA.....	P206383	.....GRMC				L40060NE.....	J009644	.....RKRM	L512CR.....	P207339	.....RKRM
J100180.....	P206608	.....THOM	K548SBC.....	P206387	.....GRMC				L400CR.....	P206345	.....RKRM	L512NE.....	P207332	.....RKRM
J100287.....	X007784	.....THOM	K560EXC.....	P207302	.....GRMC				L400F.....	P206282	.....RKRM	L512NEPL.....	J190019	.....RKRM
J100321.....	J000221	.....THOM	K560SBA.....	P208394	.....GRMC				L400FNE.....	P206346	.....RKRM	L512PL.....	J009547	.....RKRM
J1541491.....	H001032	.....CASE	K560SBC.....	P208395	.....GRMC				L400FNEPL.....	J190016	.....RKRM	L5150404SA.....	P206396	.....GRMC
	H001032	.....PTN	K572EXC.....	P216205	.....GRMC				L400FPPL.....	P207345	.....RKRM	L5300404A.....	J009633	.....GRMC
J240001.....	P206544	.....AGEM	K572SBC.....	P224600	.....GRMC				L400FS.....	P206344	.....RKRM	L5300404SA.....	J009637	.....GRMC
J600847.....	J190061	.....THOM	K584EXC.....	P224638	.....GRMC				L400FSP.....	P207345	.....RKRM	L5450808A.....	J190025	.....GRMC
J600848.....	J240005	.....THOM	K596EXC.....	P209910	.....GRMC				L400NE.....	P207329	.....RKRM	L5450808C.....	P206286	.....GRMC
J601089.....	P224412	.....THOM	K596SBC.....	P209912	.....GRMC				L400NECR.....	J190016	.....RKRM	L5450808SA.....	P207354	.....GRMC
J7H0053.....	M120566	.....LKBT	KC3015.....	M065071	.....WBCO				L400PL.....	P206353	.....RKRM	L5450808SC.....	P216169	.....GRMC
J9A0331.....	M101171	.....LKBT	KCY238A.....	J008681	.....CMWK				L400SB.....	P206399	.....RKRM	L5451212A.....	P206283	.....GRMC
J9A0337.....	M002121	.....LKBT	KCY239A.....	J009649	.....CMWK				L400SR.....	P207364	.....RKRM	L5601010A.....	J009641	.....GRMC
J9A0478.....	M090362	.....LKBT	KHH0199.....	X004476	.....JCB				L401.....	P206345	.....RKRM	L5601010SA.....	J190003	.....GRMC
J9A0496.....	M002120	.....LKBT	KM3103.....	M085189	.....RKRM				L40AA.....	J009606	.....TORCA	L5901010A.....	J190004	.....GRMC
JB7144099.....	P270536	.....GRDR	KPFA015.....	P224684	.....KBCCO				L40BA.....	P222740	.....TORCA	L5901010C.....	J190004	.....GRMC
JE0201070022	X006202	.....NPRT	KW14764L.....	J038611	.....GRMC				L40SA.....	J009623	.....TORCA	L5901010SA.....	P207365	.....GRMC
	X006202	.....NPLN	KW14764R.....	J038612	.....GRMC				L4150404SA.....	P206395	.....GRMC	L5901212A.....	P207339	.....GRMC
JS219802.....	M065034	.....BADG	KYX004476	.....X004476	.....EIMC				L4300404A.....	J009632	.....GRMC	L5901212C.....	J009547	.....GRMC
JS508420.....	M090158	.....BADG		X004476	.....DART				L4450909A.....	P206282	.....GRMC	L5901212SA.....	P207332	.....GRMC
JY9.....	P207667	.....EIMC		X004476	.....NFC				L4450909C.....	P206285	.....GRMC	L5901515A.....	P206347	.....GRMC
				X004476	.....DART				L4450909SA.....	P207353	.....GRMC	L5901515C.....	P207346	.....GRMC
				X004476	.....NFC				L4451212A.....	J190023	.....GRMC	L5901515SA.....	P207331	.....GRMC
				X004478	.....MUNCIE				L450F.....	J190002	.....RKRM	L5901515SC.....	J190019	.....GRMC
				X004478	.....NFC				L45AA.....	J190054	.....TORCA	L5901818A.....	P206348	.....GRMC
				X004478	.....DART				L45SA.....	J190062	.....TORCA	L5901818C.....	P206354	.....GRMC
				X004478	.....DART				L4600808A.....	J009640	.....GRMC	L5901818SA.....	P206349	.....GRMC
				X004480	.....SLAR				L4600808SA.....	J009644	.....GRMC	L600.....	P206350	.....RKRM
				X004480	.....VANAIR				L46279.....	M080018	.....CASE	L60045.....	P207359	.....RKRM
				X004480	.....NFC				L488.....	J008681	.....RKRM	L600F.....	P207341	.....RKRM
				X004480	.....DART				L4900606SA.....	P206399	.....GRMC	L600FNE.....	P216175	.....RKRM
				X004480	.....CNLC				L4900808A.....	J008681	.....GRMC	L600NE.....	P216175	.....RKRM
				X004482	.....TAC				L4900808C.....	P224671	.....GRMC	L600SB.....	P207366	.....RKRM
				X004482	.....DART				L4900808SA.....	P207364	.....GRMC	L600SR.....	P207365	.....RKRM
				X004482	.....NFC				L4901010A.....	P206344	.....GRMC	L60AA.....	J190055	.....TORCA
				X004482	.....VANAIR									
				X004482	.....NAVI									
				X004482	.....SLAR									
				X004482	.....FRTL									
				X004482	.....PRVT									

Cross Reference

(See the first page of this section for the Manufacturer's Code Listing)



CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
L60BA	P222742	TORCA	LL847493	P207402	PTBN	M10682	M100465	ACFT	M15877	M100580	HOIST	M435408X11	M090548	PDCI
L60SA	J190063	TORCA	LL847506	P206544	PTBN	M10713	M090544	ACFT	M15883	P207332	HOIST	M435418X11	M090547	PDCI
L6451515A	P207359	GRMC	LL84771	M085008	PTBN	M10739	M090535	ACFT	M15884	P206396	HOIST	M4410	M100466	PDCI
L6451515SA	P207355	GRMC		M085008	PETTI	M10740	M090781	ACFT	M15888	P206375	HOIST	M44410	M100052	PDCI
L6656	M080018	PETTI	LL84786	M045237	PETTI	M1090074	M090074	AJMC	M15894	P222759	HOIST	M44410X15	M120367	PDCI
L67657	P207362	GEHL	LL84788	M065065	PETTI	M11058	J009636	HOIST	M159851	J024739	HOIST	M4485	M085171	PDCI
L6901313A	P207341	GRMC	LL84796	M070028	PETTI	M11154	P207351	HOIST	M16208	P207362	HOIST	M4490	M090544	PDCI
L847141	M060232	PETTI		M070028	PTBN	M115	M120154	GRMC	M16307	J009645	HOIST	M4510	M100695	PDCI
LA1247	P270538	PTBN	LN4590	M090781	PDCI	M11576	P206393	HOIST	M16323	P206509	HOIST	M451051	M100695	PDCI
LA99816	P206344	PTBN	LN5590	M090074	PDCI	M117	M120365	GRMC	M16557	P206508	HOIST	M45510X15	M120366	PDCI
LBP5510	M100463	PDCI	LND5510	M100582	PDCI	M11997	P206510	HOIST	M180	M122300	GRMC	M45511	M110014	PDCI
LE0201001	M120108	NPRT	LNS5510	M100580	PDCI	M11998	M085023	HOIST	M185	M090563	GRMC	M4590	M090781	PDCI
	M120108	NPLN	LP35095B	M065140	PTBN	M120186	M120365	DINA	M1902490	M070069	ECLD	M4590SP	M090544	TESSI
LG0203015	P206516	NPLN	LP501	J009560	RKRM	M120234	M120235	CUMS		M070069	CLRK	M465	M100944	GRMC
LG503791	M100466	BADG	LPP00200	P206544	PTBN	M120450171	M120450	PACC	M1925199	X004480	ECLD	M5010	M100465	RKRM
LG76402	P270539	BADG	LPP12169	P206405	PTBN	M121	M120131	GRMC	M20125	M120100	ACFT	M503	M120366	GRMC
LG77619	P206410	BADG	LPP19262	M085078	PTBN	M121L	M120450	GRMC	M20137	M065065	ACFT	M5090	M090535	RKRM
LG77625	M100464	BADG	LPP32697	M085207	PTBN	M12410	P206336	HOIST	M20139	M085023	ACFT	M511	M090548	GRMC
LG78701	P270541	BADG	LT350	M070028	RKRM	M12429	P207326	HOIST	M20147	M120108	ACFT	M512	M090520	GRMC
LI246819	M070069	PTBN	LT359	M070028	RKRM	M127	M085171	GRMC	M20153	M090280	ACFT	M514	M090781	GRMC
LL240518	P207340	RKRM	LT400	M090362	RKRM	M12967141	H001039	ECLD	M20183	M085172	ACFT	M5209443	P207282	ECLD
	P226144	PTBN	LT409	M090072	RKRM	M12969628	M090534	ECLD	M20185	M090563	ACFT	M5209756	M090158	CLRK
LL3690391	P206341	PTBN	LT509	M090362	RKRM	M12969629	P206364	ECLD	M20213	M090538	ACFT		M090158	ECLD
LL400	P207338	RKRM	LVA13826	M001866	JNDR	M12969630	X007784	ECLD	M20512	M090520	ACFT	M525	M085189	GRMC
LL500	P207340	RKRM	LVA13827	M001867	JNDR	M12969930	M090538	ECLD	M20529	M110189	ACFT	M526	M100213	GRMC
LL847117	M085056	PTBN				M130	M100580	GRMC	M22260	M060232	PDCI	M529	M110189	GRMC
LL847120	M120100	PTBN				M13035	M085411	HOIST	M2244	M045237	PDCI	M5294859	X004482	ECLD
	M120100	PETTI				M13069	J000200	HOIST	M22525662	M065065	PDCI	M530	M110112	GRMC
LL847127	M090158	PTBN				M13070	P206340	HOIST	M23385	M085023	PDCI	M537	M090547	GRMC
	M090158	PETTI				M131	M090544	GRMC	M23385X32	M085078	PDCI	M5384540	P270534	CLJL
LL847141	M060232	PTBN				M132	M090074	GRMC	M235358X11	M090158	PDCI	M542	M120366	GRMC
LL847156	M120154	PETTI				M13207	J009648	HOIST	M235385	M085008	PDCI	M54410	M100049	PDCI
	M120154	PTBN				M13209	P207353	HOIST	M23548X11	M090520	PDCI	M54410X15	M120154	PDCI
LL847160	M100048	PTBN				M13326	J008681	HOIST	M24358X11	M090538	PDCI	M5510	M100465	PDCI
LL847181	M090146	PETTI				M13327	P206346	HOIST	M24410	M100048	PDCI	M5510SP	M100465	TESSI
LL847245	M090210	PTBN				M13328	P222757	HOIST	M24410X15	M120100	PDCI	M5510X67	M100807	PDCI
LL84726	M070008	PETTI				M13329	P207539	HOIST	M24411	M110012	PDCI	M5510X167	M100807	PDCI
LL84729	M070008	PTBN				M13653	P206399	HOIST	M24411X36	M110189	PDCI	M55510X15	M120131	PDCI
	M070008	PETTI				M139	M085023	GRMC	M2448X11	M090534	PDCI	M5590	M090535	PDCI
LL847307	M080024	PTBN				M144	M090362	GRMC	M250170	M090538	RXRDR	M595	M090595	GRMC
LL847322	M070068	PTBN				M14410	P207318	HOIST	M2501803	M090170	VLVO	M6002355	M100048	MIIN
LL847325	M090362	PTBN				M145	M090072	GRMC	M2510883	M090159	ECLD	M6006049	M090072	ECLD
LL84735	M120100	PETTI				M147	M120108	GRMC	M2512224	M170101	VLVO	M6010469	M085056	ECLD
LL84736	M120100	PETTI				M149	M120382	GRMC	M2513322	X004484	ECLD	M669473	P206404	CLJL
LL84737	M085023	PETTI				M14954	P206410	HOIST	M2520560	M070068	ECLD	M70069	M070069	VMER
	M085023	PTBN				M14958	M090594	HOIST	M252666	M065071	PDCI	M724	M110479	GRMC
LL847372	X007831	PETTI				M150	M070028	GRMC	M2527050	M120108	VLVO	M790758	P206406	CLJL
LL847373	X004480	PTBN				M15035	P206346	HOIST	M2528407	M090159	VLVO	M824607	P206405	CLJL
LL847375	P207281	PTBN				M15036	J009644	HOIST	M2531311	M120189	VLVO	MA399C	X004480	ALMD
LL847381	H001284	PTBN				M1512238	M100049	ECLD	M25510X15	M120108	PDCI	MAN110014	M110014	DART
LL847386	X004482	PTBN					M100049	VLVO	M25510X36	M120365	PDCI	MAN090598	M090598	DENY
LL847410	P206325	PTBN				M1517515	M090091	ECLD	M25511	M110077	PDCI	MB0715	M090091	WBCCO
LL847413	M085207	PTBN				M1518825	M120154	VLVO	M2A252785	M085172	PDCI		M090091	DRSS
LL847414	X004478	PTBN				M09605	J008671	HOIST	M2A25385	M085189	PDCI			
	X004478	ARDCO				M0M120108	M120108	KW	M2A2748X11	M090563	PDCI	MBT0323479000	H001034	FRTL
LL847427	M090598	PTBN				M0M120450171	M120450	KW	M30510	M090547	ACFT	MBTA0416422000	M120365	FRTL
LL847428	X004476	PTBN				M1000146	M100146	VLVO	M30511	M090548	ACFT	MBTA0416704002	M110311	FRTL
LL847429	M065044	PTBN				M100582Q	M100582	AP	M30537	M090547	ACFT	MBTA3764920159	P206554	FRTL
LL847430	J190058	PTBN				M100585	M100580	FRTL	M3380	M080018	PDCI	MBTA3764921940	X007830	FRTL
LL847437	M090280	PTBN					M100580	VLVO	M34410X15	M120382	PDCI	MBTA3764922104	P206311	FRTL
LL847450	M085056	PTBN				M10102	M090535	ACFT	M344116X3	M110479	PDCI	MD820228	X004478	GRM
LL847451	P207362	PTBN				M10108	M090544	ACFT	M34411X36	M110479	PDCI	MDN120131	M120131	KWV
LL847458	M101169	PTBN				M101134	M100580	MF	M34510X15	M120566	PDCI	ME355M	M065071	ALMD
LL847462	P207329	PTBN				M101135	M100582	MF	M34590	M090823	PDCI	ME421M	M065044	ALMD
LL847463	M101168	PTBN				M10127	M085171	ACFT	M353570	M070028	PDCI	ME423MH	M002118	ALMD
LL847464	M002121	PTBN				M10130	M100465	ACFT	M353590	M090146	PDCI	ME431M	M070028	ALMD
LL847469	P206849	PTBN				M10196	M100582	ACFT	M35510	M100213	PDCI	ME439M	M060158	ALMD
LL847474	J009648	PTBN				M102	M090535	GRMC	M3612123	M065044	KRAM	ME444B	X004536	ALMD
LL847481	P207338	PTBN				M10266	P206333	HOIST	M3676064	X004478	ECLD	ME450MB	M002117	ALMD
LL847482	M091048	PTBN				M10514	M090781	ACFT	M4010	M100466	RKRM	ME454M	M091048	ALMD
LL847483	M002120	PTBN				M10531	M100580	ACFT	M4047421	X004484	ECLD	ME455C	M002120	ALMD
LL847485	P207352	PTBN				M106	M090158	GRMC	M4090	M090544	RKRM	ME458M	M090595	ALMD

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
ME459ES	P207298	ALMD	N2N89521K	X004536	EIMC	OV449	M090538	RKRM	P3422043	M190002	S-FIRE	PF3	J190060	GRMC
ME460C	J000232	ALMD	N3440421	M070068	CASE	OV50032	M120365	RKRM	P3423079	M120749	S-FIRE	PF35	J190061	GRMC
MH0811	P206520	PDCI		M070068	PTN				P35005100	J092689	S-FIRE	PF4	J009623	GRMC
MH1000	P206519	PDCI	N37820490	J190059	MZDA	P			P3670	M060037	ROSS	PF4A	X007824	GRMC
MH1015	P206521	PDCI	N426683001	M065065	ONAN	P03979	M120100	IVECO	P3836991S	M001702	CASE	PF5	J009624	GRMC
MH600	P206515	PDCI	N44518	J000202	NOVA	P1003952	M080018	ATHEY	P4302	M065030	ROSS	PF5P	P222741	GRMC
MH700	P206516	PDCI	N5L2058	P270530	CASE		M080018	ATHP	P436EXC	P224699	GRMC	PF6P	P222742	GRMC
MH850	P206517	PDCI	N90871A	J000206	CASE	P1005583	P206282	ATHP	P436SBC	P224698	GRMC	PF6250	J190058	TAC
MH900	P206518	PDCI	N90873A	J000200	CASE		P206282	ATHEY	P43997	P206407	ATHP	PFC275	J190059	TAC
MIS6223	P224515	RYKE	NAYN001710	M001503	HAY	P1005585	M100572	ATHEY		P206407	ATHEY	PFC300	X007830	TAC
Miy0001	X004478	ARDCO	ND28028AG	P270534	CASE		M100572	ATHP	P4454	P206405	ROSS		J190060	TAC
Miy0017	P270538	ARDCO	NP300	J009514	RKRM	P1005586	P270539	ATHEY	P4468	P270534	ROSS	PFC300S	X007830	TAC
Miy0028	P206600	ARDCO	NP350	J009516	RKRM		P270539	ATHP	P448EXC	P224605	GRMC	PFC350	J190061	TAC
Miy0042	P207326	PTBN	NP400	J009518	RKRM	P103952	M120418	OKSH	P448SBC	P224701	GRMC	PFC350S	X007831	TAC
Miy0067	P206397	ARDCO	NP606524	P206524	CASE	P106281	P206281	EAC	P4591	P206279	ROSS	PFC400	X009623	TAC
	P206397	PTBN	NPNO7846	P224515	IRKA	P107097	M085023	OKSH	P4592	P206339	ROSS		X007784	TAC
Miy0119	P206336	ARDCO	NX14141103	P206339	CASE	P109398	M085090	OKSH	P47984	M070008	ATHP	PFC400S	X007784	TAC
Miy0136	P206310	PTBN	NX14152048	P270532	CASE	P17547	M065065	LULL		M070008	ATHEY	PFC500	X007785	TAC
MK160668	M060251	KOEH	NX14152064	M065071	CASE	P17581	M060232	LULL	P48094	M070008	ATHP	PH300	P206523	PDCI
MK21698	J028528	GRMC	NX14152065	P270535	CASE	P1906	M090009	CHLN	P49375	M065034	ATHP	PH350	P206524	PDCI
MM313	M045237	PETTI	NX14152067	M070028	CASE	P19262	M085078	LULL	P501709010	M070069	SLVN	PH400	P206525	PDCI
MM322	M065034	PETTI	NX14152068	P270538	CASE	P19871	M060158	LULL	P501709012	M100016	SLVN	PH500	P206526	PDCI
MO90159	M090159	IR	NX14152069	P206601	CASE	P1997770	M120131	S-FIRE	P50170909	M065030	SLVN	PI0911	M070068	RTWC
MOM120367	M120367	DART	NX14152072	P270535	CASE	P20352	M085023	CHLN	P501878533	M085207	SLVN	PR0102	P206323	AGEM
MOM120382	M120382	DART				P204190	P206304	ATHEY	P525873	P206344	ATHP	PR10002435	M1005023	PTBN
MOM120450171	M120450	KW					P206304	ATHP		P206344	ATHEY	PR10008010	P206342	PTBN
MPT20	M060247	PDCI	O			P206284	P207359	GNRC	P532697	M085207	LULL	PS21834	P206411	RCHD
MPT25	M060005	PDCI	OD5443A	P207339	GNRC	P206376	P206375	UPFR	P536SBC	P216227	GRMC	PS417413	M120225	RCHD
MPT30	M070008	PDCI	OD5443R	J190003	GNRC	OD5745	P210110	GNRC	P548SBC	P216228	GRMC	PS417415	M100463	RCHD
MPT35	M070050	PDCI	OD6667	P206615	GNRC	P206397016147	P206397	SCHAE	P560EXC	P224608	GRMC	PS41745	M120108	RCHD
MPT40	M090009	PDCI	OD667R	P206615	GNRC	P206543016147	P206543	SCHAE	P560SBC	J540008	GRMC	PS41746	M090535	RCHD
MR200	M060037	RKRM	OD667R	P206615	GNRC	P206614	P206641	VLVO	P572EXC	P224706	GRMC	PS41746	M090535	RCHD
MR250	M070008	RKRM	OD8473	M085090	GNRC	P207639	P270539	EAC	P572SBC	P224609	GRMC	PS67251	X004482	RCHD
MR300	M070068	RKRM	OD8473R	M085090	GNRC	P2120402592	M090170	CMi	P584EXC	P224611	GRMC	PS67252	X004484	RCHD
MR350	M070069	RKRM	OD9906B	P207584	GNRC	P224617016	P224617	AGEM	P596EXC	P224707	GRMC	PS67253	X004539	RCHD
MR400	M090362	PDCI	OE1290	P207332	GNRC	P224617248	P224617	AGEM	P64615	P206410	ATHEY	PS67681	P207365	RCHD
MR400	M080024	RKRM	OE2251	P206344	GNRC	P2340486G	P270536	PTN		P206410	ATHP	PS67682	P207332	RCHD
MR50	M090072	PDCI	OE5058	P207330	GNRC		P270536	CASE	P70638	M090158	ATHP	PS7331	P2070541	RCHD
MR500	M090091	RKRM	OE5063	P206344	GNRC	P250011	M120365	ROSS	P720047	P206327	ROSS	PS7332	P270543	RCHD
MR55	M090072	PDCI	OE5954	M065030	GNRC	P250016	P206323	ROSS	P720048	P206398	ROSS			
MRSC225	X004537	MEDINA	OE5955	M070068	GNRC	P250018	P270541	ROSS	P720071	P207363	ROSS			
MRSC250	X004476	MEDINA	OE6312	P207620	GNRC	P250019	P206411	ROSS	P85523	M085023	ATHP			
MRSC275	X004538	MEDINA	OE6778	J000227	GNRC	P250021	P206410	ROSS		M085023	ATHEY			
MRSC300	X004478	MEDINA	OF0629	P206374	GNRC	P250076	X004482	ROSS						
MRSC350	X004480	MEDINA	OF0630	P206375	GNRC	P250077	X004484	ROSS	P9A0243	P208392	LKBT			
MRSC400	X004482	MEDINA	OG1156	J190017	GNRC	P250078	P207309	ROSS	P9A0348	P213191	LKBT			
MUF20006	M045237	WRTH	OH4885	M080024	GNRC	P250249	P270539	ROSS	P9A0349	P222753	LKBT			
MUF57	M070008	WRTH	OLA00124007	P270538	PTBN	P250263	P206407	ROSS	PB01726	J009560	GRMC			
MX251766	P206607	DAEW	OLI02468019	M070069	PTBN	P250265	P206340	ROSS	PB1182	M120108	DRSS			
MY365946	P206303	MBSI	OMH1015	P206521	GRMC	P250338	P206283	ROSS	PB1481	M170101	KTSU			
			OMH8511	P206520	GRMC	P250366	M122300	ROSS		M170101	DRSS			
			OR250	P207389	RKRM	P250392	X004480	ROSS		M170101	WBCO			
			OR252	J008942	RKRM	P2652300	M101181	S-FIRE	PB1913	M190002	KTSU			
			OR275	P206324	RKRM	P270839	P270539	PERK		M190002	DRSS			
			OR350	P206324	RKRM	P28181	P270539	LULL	PB2414	M090535	DRSS			
			OR353	P206325	RKRM	P2980009147	P206407	CMi		M090535	KTSU			
			OR375	P207386	RKRM	P2980518392	M090538	CMi	PB3205	M120108	DRSS			
			OR430	P206326	RKRM	P2980524292	M100463	CMi		M120108	WBCO			
			OR435	P206327	RKRM	P2980524822	J009607	CMi	PB3239	X004539	KTSU			
			OR540	P206328	RKRM	P2980524892	J009607	CMi		X004539	DRSS			
			OR650	P207394	RKRM	P2980527892	P270541	CMi	PB4233	X004484	KTSU			
			ORA23180090	M100048	PTBN	P2980533392	P206603	CMi	PB4590	X004480	DRSS			
			OR023180028	M085023	PTBN	P2980535892	P207332	CMi		X004480	KTSU			
			OR023180037	M085008	PTBN	P2980536192	P206318	CMi	PB4890	M120225	DRSS			
			OR023180065	M070069	PTBN	P2980578392	M090538	CMi		M120225	KTSU			
			OR023180066	M070069	PTBN	P3005100	J092689	S-FIRE	PB8490	M120225	KTSU			
			OR023180096	M070068	PTBN	P308480	M090301	WKSA	PBC400	X007784	PDCI			
			OV35032	M085008	RKRM	P308481	P206342	WKSA	PBC400A	X007824	PDCI			
			OV352	M085008	RKRM	P3114118101	P206340	CMi	PBC500	X007785	PDCI			
			OV40032	M120100	RKRM	P3141445	M120131	PTN	PBC500A	X007805	PDCI			
			OV406	M100049	RKRM	P32697	M085207	LULL	PF2	J190056	GRMC			
			OV409	M090538	RKRM	P3420091	P206323	S-FIRE	PF25	J190055	GRMC			
			OV414	M100049	RKRM	P3421291	M170101	S-FIRE	PF275	J190059	GRMC			

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N0901008H	M100043	OTWA
N090100BH	M100043	OTWA
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N100269	M002119	CASE
N100270	M085411	CASE
N100282	M002121	CASE
N100283	M101171	CASE
N100413	M060158	CASE
N100615	M045237	CASE
N101742	P270530	CASE
N102193	X007784	CASE
N102252	M066203	CASE
N102293	J000227	CASE
N102766	M065074	CASE
N102809	M002118	CASE
N103549	J000204	CASE
N21470A	M090544	DREO
N23505789	P206607	CASE

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R01020253	P206340	CRPD
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R023180137	M120235	PETTI
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R02318037	M085008	PETTI
R02318051	M090544	PETTI
R02318065	M070069	PETTI
R02318076	M085090	PETTI
R02318096	M070068	PETTI
R10604D7	P206850	PH
R133955	P206615	JNDR
R18706	M060005	IR
R1902490	M070069	FRAM
R1925199	X004480	FRAM
R2510883	M090159	FRAM
R34075	M090158	CASE
R35131A	P206314	GRMC
R35031A	P206325	GRMC
R35030A	J190044	GRMC
R3151A	P206318	GRMC
R43075	M090158	CASE
R49787D1	M090362	PH
R4130A	P2063	

Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code	Mfgs. No.	Our No.	Mfg. Code
T2340474	P270539	CASE	TEC225	J000212	RKRM	U500Z	P206411	RKRM	VA601343	P206325	GRDL	X1230	M070008	RKRM
	P270539	PTN	TEC250	J000211	RKRM	U600	P207667	RKRM	VA602286	M070028	GRDL	X12309	M070008	RKRM
T300	P206407	TRUX	TEC275	J000213	RKRM	UA300	J000227	RKRM	VA604749	J024735	GRDL	X12359	M070050	RKRM
	P206407	AP	TEC300	J000214	RKRM	UA350	J000228	RKRM	VB475C	P222018	GRMC	X12409	M090009	RKRM
T300Z	P206407	TRUX	TEC350	J000215	RKRM	UA400	J000230	RKRM	VB475D	P206606	GRMC	X14152004	P270531	ISZU
T303602	M100572	COUG	TEC400	J000216	RKRM	UA500	J000232	RKRM	VB588C	P206607	GRMC	X14152005	M085090	ISZU
T303710	P206849	COUG	TEC450	J000219	RKRM	UA600	J000233	RKRM	VF140V	P206546	VLVO	X141520050	M085090	SRC
T304402	P206851	COUG	TEC500	J000217	RKRM	UAF300	P206600	RKRM	VP0644	M090009	FRHF	X14152007	P270536	ISZU
T312	P206409	AP	TEC600	J000218	RKRM	UAF300PL	P206608	RKRM	VP0673	M070008	FRHF	X141520070	P270536	SRC
	P206409	TRUX	TEL40090	P206344	TAC	UAF350	P206601	RKRM	VP19332	X004482	FRHF	X14152014	P270531	ISZU
T312Z	P206409	TRUX	TFC200	X004536	RKRM	UAF350PL	P206609	RKRM	VP20093	M120154	FAST	X141520140	P270531	ISZU
T314	P206408	TRUX	TFC225	X004537	RKRM	UAF400	P206602	RKRM		M120154	FRHF		P270531	SRC
	P206408	AP	TFC250	X004476	RKRM	UAF400PL	P206610	RKRM	VP20096	M120197	FRHF	X14152019	M065034	ISZU
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T378801	M060055	HSTR	TFC300	X004478	RKRM	UAF500PL	P206611	RKRM	VP20097	M120365	PLOC	X141520220	M065044	SRC
T384786	M065034	HSTR	TFC350	X004480	RKRM	UAF600	P207596	RKRM	VP20098	M070068	FRHF	X14152023	P207324	ISZU
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	P206410	TRUX	TFC500	X004484	RKRM	UF300PL	P206608	RKRM	VP673	M070008	FAST	X14152024	P270534	ISZU
	P206410	AP	TFC600	X004539	RKRM	UF400	P206602	RKRM	VT71457	M060037	UAC	X141520240	P270534	SRC
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T4756ID	P207620	GRMC	TJ841074700	X007831	PTBN	UF600PL	P207598	RKRM	W0M090159	M090159	FRAM	X14152028	P206342	ISZU
T50	M045237	COMP	TJ841076000	X004478	PTBN	UH100	P206507	RKRM	W2440435	P270538	CASE	X141520280	P206342	SRC
T500	P206299	RKRM	TJF122164	J000202	PTBN		P206507	PDCl	WR125159	X007785	PTN	X14152029	P270538	ISZU
	P206411	AP	TOHD2427	M070069	SCRM	UH340	P270543	RKRM	WFC3	X007830	GRMC	X141520290	P270538	SRC
	P206411	TRUX	TP4001015	M120100	TAC	UH450	P207784	RKRM	WFC4	X007784	GRMC	X14152030	P206409	ISZU
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T5XA601M	M085208	COUG	TSC400	X007784	RKRM	UV250	P206606	RKRM	WFC5	X007785	GRMC	X141520430	P270539	ISZU
T5XA605M	P270536	COUG	TSC500	X007785	RKRM	UV277	J009618	RKRM	WFC5A	X007805	GRMC	X14152048	P270532	ISZU
T5XB601M	M085208	COUG	TTA300	X007833	RKRM	UV300	P206604	RKRM	WM26002	M070069	TDSC	X141520480	P270532	SRC
T600	P207667	TRUX	TTA350	X007834	RKRM	UV350	P206605	RKRM	WR125158	M001702	AGCO	X150	P222748	MRMT
	P207667	AP	TTA400	X007824	RKRM	UV400	P206606	RKRM	WR125159	M085409	AGCO	X1750597	M001279	PTN
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TAA400	J000202	RKRM	TTA600	J190055	RKRM	UV478	P206605	RKRM	WR128453	M002119	AGCO	X205	X004536	MRMT
TAC360	M090680	TAC	TTS200	J190056	RKRM	UV500	P206607	RKRM	WR24908	M080018	AGCO	X230	X004537	MRMT
TAC370	M085172	TAC	TTS225	J190057	RKRM	UV501	P206607	RKRM	WR28656	X004482	AGCO	X2440436	M070069	CASE
TAC400BB	M090544	TAC	TTS250	X007829	RKRM				WR28658	P207297	AGCO		M070069	PTN
TAC427	M090146	TAC	TTS275	J190059	RKRM				WR32441	P206321	AGCO	X255	X004476	MRMT
TAC466	M090520	TAC	TTS300	X007830	RKRM				WR32821	X004478	AGCO	X270	J009612	MRMT
TAC800	M090280	TAC	TTS350	X007831	RKRM				WR34818	M065044	AGCO	X275	J000224	MRMT
TAC800L	M090534	TAC	TTS400	X007784	RKRM				WR34821	J240004	AGCO	X280	X004538	MRMT
TAC801	M110189	TAC	TTS500	X007785	RKRM				WR37234	J014623	AGCO	X295	J009611	MRMT
TAC900	M090563	TAC	TTS600	X009076	RKRM					P206311	AGEM	X300	J000227	MRMT
TBA350	X006204	RKRM							WR37235	P206311	WILM	X305	X004478	MRMT
TBA4	P205976	GRMC								M100048	AGCO	X350	J000228	MRMT
TBA400	X006203	RKRM								M100048	AGEM	X355	X006204	MRMT
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TBA500	X006202	RKRM							WT200CR	P206331	RKRM	X400	J000230	MRMT
TBB61240011	M110674	FRTL							WT250	P206333	RKRM	X405	X006203	MRMT
TBB612400169	M120713	FRTL							WT250CR	P206333	RKRM	X505	X006202	MRMT
TBE4	P205979	GRMC							WT275CR	J000127	RKRM	X5103064	M090091	GRDL
TBE5	P206299	GRMC							WT300	P206334	RKRM	X5103065	J009649	GRDL
TBS400	X007784	RKRM							WT300CR	P206334	RKRM	X5103066	P207354	GRDL
TBS500	X007785	RKRM							WT350	P206335	RKRM	X5103067	J009637	GRDL
TCBH084	M070028	PTBN							WT350CR	P206335	RKRM	X5103068	J024750	GRDL
TCBH087	P206507	PTBN							WT400	P206336	RKRM	X8821116	P206605	LIBB
TCBH135	M070325	PTBN							WT400CR	P206336	RKRM	XA58300	M070028	CASE
TD001	M065065	MRMT							WT500	P206337	RKRM	XD200	J000220	MRMT
TD002	M085023	MRMT							WT600	P206338	RKRM	XD225	J000222	MRMT
TD017	M090535	MRMT							WT600CR	P206338	RKRM	XD250	J000221	MRMT
TD019	M085008	MRMT							WTM100104	M100464	DART	XD275	J000224	MRMT
TD022	M060232	MRMT							WZM100464	M100464	FRTL	XD350	M085008	RKRM
TD1	M065065	MRMT								M100464	DART	XD355	M085008	RKRM
TD17	M090535	MRMT										XD4019	M100049	RKRM
TD19	M085008	MRMT										XD414	M090594	RKRM
TD2	M085023	MRMT										XD415	M085171	RKRM
TD22	M060232	MRMT										XH4M2	M090680	NFC
	M060232	MARE										XH4MD1	M090563	NFC
TDA400	P206304	TAC										XSC212	X004476	NFC
TE840001	M080024	TREX										XSC214	X004537	NFC
TEC200	J000210	RKRM										XSC234	X004538	NFC

Cross Reference

(See the first page of this section for the Manufacturer's Code Listing)

CROSS REFERENCE

Mfgs. No.	Our No.	Mfg. Code
XSC312.....	X004480.....	NFC
XSC4.....	X004482.....	NFC
XX0070721.....	P206312.....	SABI
XX0070722.....	P207332.....	SABI
XX0070724.....	J024838.....	SABI
XX0071216.....	X004484.....	SABI

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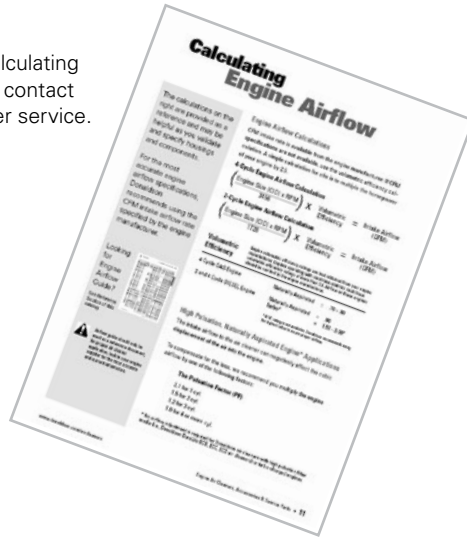
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Y0602300395.....	M090598.....	DENY
Y0602325066.....	M001432.....	DENY
Y0602325088.....	X004476.....	DENY
Y0602325089.....	X004478.....	DENY
Y0602325097.....	X004536.....	DENY
Y400.....	P206297.....	RKRM
Y401NPA.....	P206297.....	GRMC
Y500.....	P206298.....	RKRM
Y500NPA.....	P206298.....	GRMC
YB400A.....	J092679.....	GRMC
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YS400.....	J092679.....	RKRM
YS500.....	J092689.....	RKRM

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Z1540470.....	P270541.....	CASE
	P270541.....	PTN
Z1750597.....	H001279.....	CASE
	H001279.....	PTN
Z3036919.....	X004478.....	PTN
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ZF305.....	M060037.....	MRMT
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ZF307.....	M070068.....	MRMT
ZF308.....	M070069.....	MRMT
ZF604.....	M080024.....	MRMT
ZF605.....	M090091.....	MRMT
ZF606.....	M090072.....	MRMT
ZF615.....	M085172.....	MRMT
ZF665.....	M085267.....	MRMT
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ZH002.....	M120365.....	MRMT
ZH003.....	M120197.....	MRMT
ZH012.....	M110189.....	MRMT
ZH201.....	M100464.....	MARE
	M100464.....	MRMT
ZH202.....	M090544.....	MRMT
ZH203.....	M090544.....	MRMT
ZH206.....	M090535.....	MRMT
ZH209.....	M090146.....	MRMT
ZZ8002001.....	P206400.....	NPRT
	P206400.....	NEPN

If the airflow information is not available from the engine manufacturer, the calculations on page 6 may be helpful as you validate and specify mufflers and components.

For assistance in calculating engine flow, please contact Donaldson customer service.



The data on engines in this section is to be used as a reference only. If spec'ing a new muffler for an engine, Donaldson recommends that you acquire this information directly from the engine manufacturer. If you can not acquire the information from the engine manufacturer, we recommend that you calculate the flow based on our instructions on page 6.

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For the most accurate engine flow specifications, Donaldson recommends using the flow rates specified by the engine manufacturer.

Engine Model	RPM	HP	-- Exhaust --	
			Intake CFM	Temp. Flow (°F) (CFM)
ALLIS CHALMERS				
10000.....	2200	145	265	
11000.....	2200	220	560	
16000.....	2100	250	420	
17000 MKII ...	2100	300	780	
2000.....	2100	59	97	
21000 MKII ...	2100	375	875	
213.....	3600	32	75	
2200.....	2100	55	97	
25000 MKII ...	2100	450	1050	
2800.....	2600	85	200	
2900.....	2600	135	340	
320.....	3600	53	114	
3400.....	2400	125	240	
3500.....	2400	175	380	
3700.....	2400	200	400	
426.....	3600	72	150	
433I.....	2400	100	247	
433T.....	2400	90	242	
6000.....	2200	104	218	
61000.....	2100	800	2300	
6138I.....	2100	450	1060	
6138LT.....	2100	325	790	
6138T.....	2100	375	875	
649I.....	2600	155	430	
649T.....	2600	135	390	
65000.....	2100	900	2400	
670I.....	2400	200	490	
670T.....	2400	175	460	
685I.....	2200	266	680	
685T.....	2200	220	555	
7000.....	2200	160	300	
D175.....	2200	52	85	
D262.....	2200	78	128	
D344.....	1800	88	143	

CASE				
301BD.....	2200	94	153	1000..... 414
336BD.....	2200	104	171	1000..... 462
336BDT.....	2200	126	267	850..... 648
451BD.....	2200	142	360	1000..... 973
451BDT.....	2200	181	380	900..... 957
504BD.....	2200	155	275	950..... 718
504BDT.....	2200	221	440	900..... 1108
504BDTI.....	2200	256	600	950..... 1567
A267D.....	2000	73	123	1000..... 333
A284.....	2000	136	1000..... 368	
A377.....	1800	139	1000..... 376	
A451D.....	2000	145	200	1000..... 541
G188.....	2000	49	82	1000..... 222
G188D.....	2250	62	138	1000..... 373

CATERPILLAR				
1160.....	2800	225	410	1050..... 1146
1673T.....	2200	250	600	950..... 1567
1674TA.....	2200	270	690	900..... 1738
1693TA.....	2100	1080	900..... 2720	
3116.....	2600	200	618	856..... 1511
	2600	250	713	867..... 1755
	2450	275	685	929..... 1773
	2600	300	745	984..... 2006

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. Flow (°F) (CFM)	
3126B.....	2200	175	1239	660..... 2640	
	2300	190	1355	716..... 3017	
	2200	210	1327	741..... 3031	
	2200	230	593	808..... 1471	
	2200	250	635	821..... 1595	
	2200	275	649	867..... 1683	
	2200	300	660	916..... 1778	
	2400	330	709	931..... 1937	
3140.....	2800	410	1000	1109	
3145.....	2800	410	1050	1146	
3150.....	2800	410	1000	1109	
3160.....	2800	410	1080	1169	
3176.....	1800	275	692	676..... 1458	
	1800	300	738	693..... 1579	
	1800	350	802	760..... 1819	
	1800	365	805	808..... 1900	
3204NA.....	2400	66	193	980..... 515	
3208ATAC.....	up to 300	950			
3208N.....	2200	165	325	1076..... 930	
3208NA.....	2800	210	410	1000..... 1109	
3208T.....	2800	250	646	900..... 1627	
	2200	215	591	855..... 1443	
3208T-DIATAAC					
	2600	275	752	854..... 1837	
	2800	300	871	874..... 2162	
3208T-DIT.....	2600	250	649	976..... 1740	
3304B.....	up to 165	950			
3304NA.....	2200	102	206	1050..... 576	
3304T.....	2200	165	264	900..... 665	
3306.....	1900	300	745	1019..... 2059	
3306B.....	1800	285	745	825..... 1781	
	1800	300	777	843..... 1887	
3306NA.....	2200	150	325	950..... 849	
3306T.....	2200	250	600	900..... 1511	
	up to 300	850			
3306TA.....	2200	270	624	950..... 1629	
3406.....	1900	425	1109	880..... 2758	
3406B.....	1800	300	930	655..... 1917	
	1800	330	986	705..... 2125	
	1800	350	1016	739..... 2255	
	1800	400	1052	753..... 2364	
	1800	425	1077	806..... 2532	
	1900	460	1108	847..... 2694	
3406E.....	1800	355	967	762..... 2301	
	1800	375	1023	899..... 2717	
	1800	435	1066	901..... 2872	
	1800	455	1083	919..... 2925	
	1800	475	1105	937..... 3017	
	1800	500	1119	954..... 3098	
	1800	575	1164	959..... 3236	
	1800	600	1164	959..... 3236	
3406T.....	2100	339	910	900..... 2292	
3406TA.....	2100	375	1000	900..... 2519	
3408T.....	2100	425	980	900..... 2468	
3408TA.....	2100	475	1220	900..... 3073	
3412T.....	2100	650	1719	870..... 4234	
3412TA.....	2100	750	2426	900..... 6420	
3508.....	1800	1000	2490	900..... 6271	
3512.....	1800	1500	3695	900..... 9306	
3516.....	1800	2000	4830	900..... 12164	
3606.....	1000	2475	5850	850..... 14192	
3608.....	1000	3330	7235	800..... 16882	
3612.....	1000	4950	11700	800..... 27300	
3616.....	1000	6655	14470	800..... 33763	
5.4-6.....	2000	437	1041	950..... 2718	
5.4-8.....	1900	614	1477	950..... 3857	

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. Flow (°F) (CFM)	
5.4V12.....	1900	896	1936	900..... 4876	
5.75-6.....	1330	317	780	950..... 2037	
6.25-6.....	1375	440	1111	950..... 2901	
C-10.....	1800	305	755	821..... 1888	
	1800	335	766	918..... 2078	
	1800	350	752	892..... 1997	
	1800	370	766	918..... 2078	
C-12.....	1800	335	805	876..... 2110	
	1800	355	815	859..... 2121	
	1800	380	826	898..... 2202	
	1800	395	833	924..... 2265	
	1800	410	836	937..... 2287	
	1800	425	815	922..... 2220	
	1800	430	826	948..... 2276	
	1800	455	819	953..... 2269	
C-15.....	1800	355	963	762..... 2294	
	1800	375	1023	899..... 2714	
	1800	435	1066	902..... 2830	
	1800	455	1083	919..... 2925	
	1800	475	1105	937..... 3017	
	1800	500	1119	954..... 3098	
C-16.....	1800	575	1154	941..... 3165	
	1800	600	1164	959..... 3236	
D330NA.....	2200	100	227	1050..... 635	
D330T.....	2200	165	418	950..... 1091	
D333NA.....	2200	150	349	1000..... 944	
D333T.....	2200	250	613	900..... 1544	
D334TA.....	2200	280	689	950..... 1799	
D336TA.....	2200	350	895	950..... 2337	
D342NA.....	1300	200	418	1050..... 1169	
D342T.....	1300	300	887	950..... 2316	
D343T.....	2000	315	786	950..... 2052	
D343TA.....	2000	425	996	900..... 2508	
D346TA.....	2000	565	1350	900..... 3400	
D348TA.....	2000	850	2048	900..... 5158	
D349TA.....	2000	1130	2827	900..... 7120	
D353TA.....	1300	490	1091	900..... 2748	
D379TA.....	1300	650	1501	900..... 3780	
D398TA.....	1300	975	2323	900..... 5851	
D399T.....	1300	1300	3009	900..... 7578	

CONTINENTAL MOTORS				
E201.....	2400	104	1100	300
F124.....	2400	65	1100	188
F135.....	2000	40	1100	168
F140.....	2400	84	1100	243
F162.....	2400	60	1100	243
F186.....	2400	101	1100	292
F209.....	2400	109	1100	315
F226.....	2400	115	1100	332
F227.....	2400	78	1100	335
F244.....	2400	126	1100	364
F245.....	2400	88	1100	367
G134.....	2000	58	1100	168
G157.....	2000	68	1100	196
H227.....	2000	96	1100	277
H243.....	2000	104	1100	300
H260.....	2000	112	1100	324
J382.....	2000	160	1100	462
L478.....	2400	162	1100	766
M271.....	2400	141	1100	407
M290.....	2400	151	1100	436
M330.....	2400	172	1100	497
M363.....	2400	122	1100	581
N56.....	2200	27	1100	78
N62.....	2400	31	1100	90

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
CONTINENTAL MOTORS CONTINUED					
R513	2400	267	1100	771	
R572	2400	298	1100	861	
R602	2400	191	313	1100	904
S749	2200	358	1100	1034	
S802	2200	392	1100	1132	
S820	2400	250	455	1100	1314
T&B371	2400	193	1100	558	
T&B427	2400	133	241	1100	696
U501	2400	260	1100	751	
V603	2800	313	1100	904	
Y112	2400	37	58	1100	168
Y69	2400	37	1100	107	
Y91	2400	27	91	1100	263

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
CUMMINS					
3B2.9	2500	56	115	1000	311
4B3.9	2500	76	150	1050	419
4BT	2500	105	289	890	750
4BT	2500	120	336	970	922
4BT3.9	2500	100	253	1000	684
4BT3.9-G1	1800	86	147	850	357
4BT3.9-G2	1800	102	157	850	381
4BTA3.9	2500	120	298	900	751
6B5.9	2500	116	226	1000	611
6BT	2500	190	590	780	1290
	2500	230	535	1031	1531
	2300	230	520	910	1380
6BT5.9	2500	152	381	900	960
6BT5.9-G1	1800	135	224	900	564
6BT5.9-G2	1800	166	285	900	718
6BTA5.9	2500	180	449	900	1131
6C8.3	2500	316	1000	854	
6CT	2300	250	570	930	1740
	2200	300	742	1000	2140
	2000	275	590	985	1665
6CT8.3	2500	555	900	1398	
6CTA8.3	2500	250	632	900	1592
C-160	2500	153	300	900	756
C-180	2500	173	350	900	881
C-190	2500	190	495	900	1247
FLEET 270	1600	270	710	900	1788
FLEET 300	1600	300	765	900	1927
	1600	300	710	900	1788
Formula 240	1800	240	630	900	1587
	1800	240	618	900	1556
Formula 270	1800	270	720	900	1813
Formula 300	1800	300	761	900	1917
	1800	300	745	900	1876
	1800	300	744	900	1874
Formula 315	1800	315	735	900	1851
Formula 350	1800	350	821	900	2068
	1800	350	800	900	2015
	1800	350	857	900	2158
Formula 400	1900	400	1060	900	2670
	1900	400	930	950	2428
	1900	400	986	900	2483
Formula 450	1900	450	1110	950	2898
Formula L10-240					
	1900	240	522	900	1315
	1900	240	580	900	1461
	1900	240	585	900	1473

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
Formula L10-270					
	1900	270	556	900	1400
	1900	270	618	900	1556
	1900	270	606	900	1526
Formula L10-300					
	1900	300	609	900	1534
GNH-220-IP	1800	177	250	900	630
GNH-250-IP	1800	204	265	900	667
GV-12-525-IP	1800	408	580	900	1461
ISB	2500	185	578	698	1257
	2600	190	526	801	1250
	2500	205	508	831	1246
	2600	210	526	857	1313
	2500	225	510	892	1311
	2500	240	610	812	1456
	2500	245	610	812	1456
	2600	260	622	886	1592
	2500	275	620	956	1673
ISC	2400	225	708	706	1417
	2400	240	721	746	1485
	2400	260	743	765	1578
	2200	285	682	833	1531
	2200	300	688	860	1578
	2200	315	682	919	1686
	2200	330	693	927	1758
	2200	350	706	966	1841
ISL	2100	310	689	891	1682
	2100	330	708	933	1740
ISM	2100	280	777	670	1523
	1800	310	734	721	1528
	1800	330	773	742	1610
	2100	350	888	720	1778
	2100	370	918	737	1853
	2100	400	918	737	1853
	2100	425	855	969	2171
	2100	450	974	789	2030
	2100	500	940	965	2341
ISX	1800	400	1063	655	2036
	1800	450	1129	696	2218
	2000	475	1126	842	2504
	2000	500	1125	905	2633
	2000	600	1227	975	3202
KT-1150-C	2100	450	1130	900	2846
KT-2300-C	2100	900	2400	880	5956
KT-450	2100	450	1130	850	2741
KTA-1150-C	2100	600	1400	900	3526
	2100	525	1410	880	3499
KTA-2300-C	2100	1200	2900	900	7304
	2100	1050	2700	900	6800
KTA-3067-C	2100	1600	3760	900	9470
	2100	1350	3455	900	8701
KTA-525	2100	525	1425	850	3457
KTA-525-FORM					
	1900	525	1200	850	2911
KTA-600	2100	600	1400	850	3396
KTTA-19-C		650		900	
KTTA-38-C		1350		900	
KTTA-50-C		2000		900	
L10	1700	260	615	745	1300
	1700	280	640	760	1407
	1600	310	638	825	1470
	2100	270	670	900	1687
	2100	300	659	900	1660

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
M11	1600	280	615	817	1476
	1600	310	670	813	1390
	1600	350	760	822	1554
	1600	370	770	828	1641
	1600	400	840	832	1801
N-855-C	2100	220	460	850	1116
	2100	235	460	850	1116
N-927	1950	240	465	880	1154
	2100	260	495	880	1228
	2100	240	495	880	1228
N14	1800	330	1014	657	1997
	1800	400	1126	723	2354
	2100	350	1212	606	2254
	2100	370	1283	651	2474
	2100	460	1329	737	2737
	2100	500	1380	802	2984
	2100	525	1380	802	2984
	2100	410	1164	670	2614
	2100	435	1302	714	2639
	2100	550	1380	802	2984
	2100	525	1380	802	2984
NH-220	2100	212	470	900	1184
NH-230	2100	220	460	900	1159
NH-230S	1800	186	460	900	1159
NH-250-M	2100	240	460	950	1201
	1800	190	395	1050	1105
	1800	200	395	900	995
	2100	210	460	900	1159
NHC-250	2100	240	460	900	1159
	2300	240	710	900	1788
NHC-250-D	2100	240	460	900	1159
NHD-230	2100	220	495	900	1247
NHF-240	2300	230	505	900	1272
NHF-265	2300	255	505	900	1272
NHH-250	2100	240	460	900	1159
NHHTC-335	2100	335	850	850	2062
NHTF-295	2300	295	710	900	1788
NT-335-M	1800	235	625	950	1632
	1800	265	650	900	1637
	2100	285	775	950	2024
	2100	335	800	950	2089
NT-380-M	2300	380	950	950	2481
	2000	253	700	1000	1893
	2000	300	750	900	1889
	2300	320	900	980	2400
NT-855-C	2100	310	895	880	2221
	2100	280	860	850	2086
	2100	250	825	850	2001
	2100	335	920	900	2317
	2100	335	900	900	2267
	2100	280	820	900	2065
	2100	250	680	880	1687
	2100	310	835	900	2103
NTA-370	1950	335	810	850	1965
	2100	370	950	850	2305
NTA-400	2100	400	1000	850	2426
NTA-420	2300	420	1080	900	2720
NTA-855-C	2100	400	1000	880	2481
	2100	360	960	880	2382
	2100	360	980	900	2468
	2100	400	1050	900	2644
NTC-270-CT	2100	240	740	850	1795
	2100	225	760	900	1914
	2100	270	825	900	2078

Engine Model	RPM	HP	-- Exhaust --		
			Intake CFM	Temp. (°F)	Flow (CFM)
CUMMINS CONTINUED					
NTC-290	2100	270	665	950	1736
	2100	290	685	900	1725
	1950	255	580	920	1482
NTC-300	2100	300	936	900	2357
NTC-335	2100	280	780	880	1936
	2100	300	805	880	1998
	2100	335	850	900	2141
NTC-350	2100	320	830	900	2090
	2100	350	885	900	2229
	2100	335	865	880	2146
NTC-400	2100	320	845	880	2097
	1950	310	760	850	1844
	2100	350	986	900	2483
NTCC-300	2100	350	930	900	2342
	2100	400	1165	950	3042
	2100	400	1030	900	2594
NTCC-350	2100	300	868	900	2186
NTCC-400	2100	350	1000	900	2519
NTF-295	2100	400	1090	900	2745
NTF-365	2300	295	710	850	1722
P.TORQ 240	2300	365	960	920	2453
P.TORQ 270	2100	240	618	900	1556
	2100	240	735	900	1851
P.TORQ 315	2100	270	840	900	2116
	2100	315	890	950	2324
P.TORQ L10-240	2100	240	645	900	1624
	2100	240	577	900	1453
	2100	240	647	900	1629
P.TORQ L10-270	2100	270	630	900	1587
	2000	500	1072	959	2638
Signature	2000	565	1117	986	2777
	2000	600	1164	1013	2936
SUPER 250	2100	240	495	900	1247
V-12-500-M	2100	480	840	900	2116
	1800	370	720	950	1880
	1800	400	720	900	1813
V-378-C	2100	425	840	950	2193
V-504-C	3000	145	277	900	698
V-504-M	3000	195	357	900	899
V-555	3300	202	425	950	1110
	2500	158	322	900	811
	3300	197	386	900	972
V-555-C	3300	216	470	880	1166
V-555-E	3000	215	430	850	1043
V-903	3300	202	470	900	1184
V-903-C	2600	307	610	900	1536
	2600	255	610	900	1536
	2600	269	610	900	1536
V-903-M	2600	288	610	880	1514
	2600	295	610	880	1514
	2600	265	610	850	1480
V-9035	2600	307	610	950	1593
	2300	250	545	900	1373
	2500	302	585	900	1473
V5-120-635-M	2200	250	520	880	1290
V5-120-635-M	1800	435	1060	900	2670
	2100	540	1380	900	3476
V6-155	3300	149	318	950	830
V8-185-E	3300	178	425	950	1110
V8-210	3300	202	425	950	1110

Engine Model	RPM	HP	-- Exhaust --		
			Intake CFM	Temp. (°F)	Flow (CFM)
V8-300	3000	288	580	970	1536
V8-300-M	3000	288	585	950	1528
	2600	220	505	900	1272
	2800	260	545	950	1423
VT-12-635-M	2100	635	1460	950	3812
	1800	490	1100	900	2770
VT-12-700-M	2100	700	1600	980	4267
	1800	480	1130	900	2846
	1800	545	1190	900	2997
VT-12-800-M	2100	595	1500	950	3917
	2100	800	1820	950	4752
	1800	550	1325	900	3337
VT-1710-C	1800	620	1400	900	3526
	2100	680	1700	950	4439
	2100	635	1700	900	4281
VT-555	3000	220	625	900	1574
VT-555-C	3000	230	585	850	1419
VT-903	2600	307	850	900	2141
	2600	350	1050	900	2644
VT-903-C	2600	320	930	900	2342
	2600	350	920	900	2317
VT8-370-M	2600	320	905	900	2279
	3000	370	930	950	2428
	2600	270	760	900	1914
VTA-1710-C	2800	320	865	950	2259
	2100	700	1880	950	4909
VTR-28-C	2100	800	2100	980	5600
	900			900	
DETROIT DIESEL					
12V-149	1900	800	2800	850	6793
12V-149T	1900	1000	3600	850	8733
12V-149TI	1900	1200	4300	850	10431
12V-71	1800	350	1128	850	2736
	2300	471	1430	850	3469
	2100	456	1309	850	3176
12V-71T	2100	525	1800	850	4367
	1800		1650	850	4003
16V-149	1900	1060	3600	850	8733
16V-149T	1900	1325	4800	850	11644
16V-149TI	1900	1600	5500	850	13343
16V-71	2100	608	1748	850	4241
	1800	466	1506	850	3653
16V-71T	1800		2240	850	5434
16V-92	2100	700	2300	850	5580
	1800	600	1960	850	4755
16V-92T	2100	720	2300	850	5580
	1800	860	3200	850	7763
2-53	1800		2600	850	6307
	1800		130	850	315
2-71	1200		91	850	221
	200		142	850	344
	200	65	223	850	541
3-53/2-VAL	1800	48	200	850	485
	1200		131	850	318
	2200	75	242	850	587
3-53T	1800	59	202	850	490
	2200		253	850	614
	2800	98	319	850	774
3-71	2500	125	500	850	1213
	2500	125	500	850	1213
4-35T	1800	82	319	850	774
	2100	109	375	850	910
	1200		207	850	502

Engine Model	RPM	HP	-- Exhaust --		
			Intake CFM	Temp. (°F)	Flow (CFM)
4-35T	2500	170	596	850	1446
4-53/2-VAL	2200	103	340	850	825
	1000		282	850	684
	2200		356	850	864
	2800	136	450	850	1092
4-53T	2500	170	596	850	1446
	1200		275	850	667
6-71	2300	159	550	850	1334
	1800	117	425	850	1031
	2100	152	500	850	1213
6-71T	2300	236	825	850	2001
	1800	175	637	850	1545
	2100	228	750	850	1819
6-71T	1200		413	850	1002
6-71T	2100	275	1045	850	2535
6-71TT	1950	230	930	850	2256
6-V-71	2300	236	715	850	1735
6V-53	1800	175	564	850	1368
	2100	228	655	850	1589
6V-53T	2200		534	850	1295
	2800	210	675	850	1638
6V-53T	2600		627	850	1521
6V-53T	2500	230	855	850	2074
6V-92	1800	225	730	850	1771
	2100	270	860	850	2086
6V-92T	1800		1000	850	2426
	2100	322	1200	850	2911
6V-92TA	2100	335	1225	850	2972
6V-92TT	1950		1030	850	2499
6V-92TTA	1950	270	1050	850	2547
8.2LN	3000	165	376	850	912
8.2LT	3000	205	553	850	1342
8V-53	2200		693	850	1681
	2500		786	850	1907
8V-71	1800	233	753	850	1827
	2300	314	954	850	2314
	2100	304	874	850	2120
8V-71T	2100	350	1200	850	2911
	1800		1100	850	2669
8V-71TA	2100	370	1240	850	3008
8V-71TT	1950		1240	850	3008
8V-71TTA	1950	305	1055	850	2559
8V-92	1800	300	980	850	2377
	2100	360	1150	850	2790
8V-92T	2100	430	1600	850	3881
	1800		1300	850	3154
8V-92TA	2100	435	1434	850	3479
8V-92TT	1950		1300	850	3154
8V-92TTA	1950	365	1250	850	3032
Series 40E (7.6 LTA)					
Series 40E (7.6 LTA)	2300	175	675	670	1450
	2600	190	705	710	1575
	2600	210	740	765	1730
	2600	230	700	885	1810
	2400	195	715	720	1610
Series 40E (8.7 LTA)	2400	250	700	885	1810
	2200	250	685	850	1725
	2200	275	705	955	1890
2200	300	710	965	1930	
2200	320	715	985	1995	

Engine Model	RPM	Intake HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
DETROIT DIESEL CONTINUED					
Series 50 (8.5 Ltr)					
2100	250	760	625	1575	
2100	275	790	680	1720	
2100	300	820	715	1845	
2100	320	815	730	1861	
2100	350	815	850	2055	
Series 60 (12.7 Ltr)					
2100	330	1050	610	2157	
2100	350	1090	645	2310	
2100	370	1010	725	2300	
2100	400	1050	780	2500	
2100	430	1080	820	2652	
2100	470	1170	825	2877	
2100	500	1170	825	2877	
Series 60 (14 Ltr)					
2100	550	1231	986	3402	
2100	575	1271	867	3221	

DEUTZ					
BF12L 714	2300	390	695	850	1686
BF6L 913	2800	175	396	850	961
F10L 413	2650	310	595	850	1443
F10L 714	2300	275	577	850	1400
F12L 413	2650	370	714	850	1732
F12L 714	2300	330	695	850	1686
F1L 208	3600	9	70	850	170
F1L 210	3000	16	96	850	233
F1L 411D	3000	16	98	850	238
F2L 411D	3000	32	133	850	323
F2L 411W	3000	30	133	850	323
F2L 912	2500	36	150	850	364
F2L 912W	2500	34	150	850	364
F3L 912	2800	60	176	850	427
F3L 912W	2500	50	158	850	383
F4L 912	2800	80	202	850	490
F4L 912W	2500	67	180	850	437
F5L 912	2800	100	210	850	509
F5L 912W	2500	84	187	850	454
F6L 413	2650	185	357	850	866
F6L 714	2300	165	347	850	842
F6L 912	2800	120	252	850	611
F6L 912W	2500	101	224	850	543
F8L 413	2650	250	476	850	1155
F8L 714	2300	220	463	850	1123

FORD					
00	2400	59	101	900	254
172DF	2400	59	101	900	254
175DF	2500	52	108	900	272
183D	2200	52	99	900	249
192DF	2400	65	113	900	285
201DF	2250	66	111	900	280
220	2400	69	130	900	327
233D	2100	68	120	900	302
242D	2230	76	133	900	335
242DF	2500	79	149	900	375
254DF	2500	80	157	900	395
256DF	2500	89	157	900	395
3320DF	2500	111	203	900	511
362DF	2500	121	223	900	562
363DFT	2400	150	214	900	539
380DF	2500	120	233	900	587
401DF	2500	132	246	900	620
401DFT	2500	167	246	900	620

Engine Model	RPM	Intake HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
67GF	3600	32	60	900	151
98GF	3600	45	87	900	219
X	2250	60	122	900	307
Y	2250	96	183	900	461

HATZ DIESEL					
2L30	3000	30	68	1100	196
2L40	3000	37	82	1100	237
2M40	3000	40	85	1100	246
3L30	3000	45	101	1100	292
3L40	3000	55	123	1100	355
3M40	3000	60	130	1100	376
4L30	3000	60	135	1100	390
4L40	3000	74	164	1100	474
4M40	3000	80	170	1100	491
E573	3000	3	14	1100	40
E673	3000	5	16	1100	46
E75	3000	7	18	1100	52
E780	3000	10	25	1100	72
E786	3000	14	30	1100	87
E79	3000	8	20	1100	58
E88	2600	10	28	1100	81
E89	2600	12	30	1100	87
E950	3000	17	36	1100	104
Z788	3000	23	55	1100	159

HINO					
Z790	3000	30	61	1100	176
DK10	2000	132	325	900	819
DK10T	1800	160	425	900	1070
DM100	2400	62	165	900	416
EB300	2000	132	315	900	793
EC100	2600	76	208	900	524
EF550	2200	230	572	900	1441
EF750	2200	245	589	900	1483
EF750T	2200	272	850	900	2141
EH100	2600	93	244	900	615
EH500	2800	114	277	900	698
EH700	2800	118	290	900	730
EK100	2200	196	467	900	1176
EL100	2600	132	327	900	824
EL100T	2400	145	440	900	1108
EM100	2400	148	362	900	912
ER100	2200	160	407	900	1025
EV700	2200	298	700	900	1763

ISUZU					
QD100	3200	87	185	900	466
QD130	2800	115	230	900	579
QD145	3200	129	280	900	705
QD145T	2500	139	305	900	768
QD200	2200	194	410	900	1033
QD200T	2000	218	515	900	1297
QD27	2800	26	50	900	126
QD40	2800	40	80	900	201
QD60	3800	55	140	900	353
QD85	3000	68	162	900	408
QD90	2800	75	150	900	378
QT15	3600	14	55	900	139
QT23	3600	22	75	900	189
QT35	3000	32	96	900	242

Engine Model	RPM	Intake HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
IVECO					
803 i 3L-NA	2500	51	120	1100	347
804 i 4L-NA	2500	68	155	1100	448
805 i 5L-NA	2500	84	174	1100	214
806 i 6L-NA	2500	102	235	1100	679
806 i tc 6L-TC	2500	131	340	900	856
8210 i 6L-NA	2000	205	440	1100	1271
8280 i V8-NA	2200	287	600	1100	1733
8281 SRi V8-TCA	2200	424	900	900	2267
8281 Si V8-TC	2000	331	790	900	1990
8361 Si 7L-TC	2400	157	450	900	1133
8361 i 6L-NA	2500	139	322	1100	930

JOHN DEERE					
3164D	2500	52	100	900	252
3179D	2500	58	100	900	252
3179T	2500	79	178	900	448
4219D	2500	70	135	900	340
4239A	2500	117	277	900	698
4239D	2500	80	148	900	373
4239T	2500	109	258	900	650
4276D	2500	82	160	900	403
4276T	2200	98	266	900	670
6076A	2200	240	568	900	1431
6076H	2200	250	647	900	1629
6076T	2200	190	505	900	1272
6329D	2500	104	200	900	504
6359A	2500	176	470	900	1184
6359D	2500	121	228	900	574
6359T	2500	163	370	900	932
6414D	2200	118	228	900	574
6414T	2200	146	360	900	907
6466A	2100	233	579	900	1458
6466D	2200	138	258	900	650
6466T	2200	185	484	900	1219
6619A	2100	301	680	900	1713
8955A	2100	456	1130	900	2846
8955T	2100	356	978	900	2463

KOHLER					
K161	3600	7	14	1150	42
K181	3600	8	16	1150	48
K241	3600	10	20	1150	60
K301	3600	12	24	1150	72
K321	3600	14	26	1150	78
K341	3600	16	30	1150	89
K582	3600	23	48	1150	143
K91	3600	4	7	1150	21
KT17	3600	17	35	1150	104
KT19	3600	19	39	1150	116

Engine Model	RPM	HP	-- Exhaust --		
			Intake Temp. (°F)	Flow (CFM)	
KUBOTA					
D1402-B	2800	31	62	900	156
D3200-B	2400	66	123	900	310
D600-B	3600	16	35	900	88
DH850-BW	3000	20	41	900	103
DH850-B	3600	23	49	900	123
S2800-B	2600	58	116	900	292
V1100-B	3000	26	55	900	139
V1702-B	2800	40	77	900	194
V1902-B	2800	42	83	900	209
V4300-B	2400	88	164	900	413
VH1100-B	3600	31	66	900	166
Z400-B	3600	11	23	900	58
Z600-BW	3200	14	29	900	73
ZB400-B	3200	10	21	900	53
ZB600C-1-B	3200	14	29	900	73
ZH600-B	3600	16	33	900	83

LISTER					
HL3	2500		125	900	315
HL4	2500		167	900	421
HL6	2500		250	900	630
HLT6	2100		300	900	756
HR2	2200		73	900	184
HR3	2200		110	900	277
HRW2	2200	31	74	900	186
HRW3	2200	47	110	900	277
HRW4	2200	62	146	900	368
HRW6	2200	93	220	900	554
HRWS6	2000	102	200	900	504
LT1	3600	8	24	900	60
LV1	3600	9	28	900	71
LV2	3600	18	55	900	139
ST1	3000	10	31	900	78
TL2	3000	27	74	900	186
TL3	3000	40	111	900	280
TS2	3000	22	61	900	154
TS3	3000	33	91	900	229

LOMBARDINI					
10LD 400-2	3000	16	34	1000	92
10LD 400-2/B1					
		3600	18	1000	111
11LD 535-3	3000	33	74	1000	200
11LD 625-3	3000	38	84	1000	227
3LD 450	3000	10	20	1000	54
3LD 510	3000	11	22	1000	59
3LD 510/L	2200	8	17	1000	46
4LD 640	3000	14	28	1000	76
4LD 640/L	2200	10	22	1000	59
4LD 705	2600	15	27	1000	73
4LD 820	2600	18	32	1000	87
4LD 820/L	2200	14	27	1000	73
5LD 675-2	3000	29	58	1000	157
5LD 675-3	3000	44	87	1000	235
5LD 825-2	2600	34	63	1000	170
5LD 825-2/L	2200	27	53	1000	143
5LD 825-3	2600	52	94	1000	254
5LD 825-3/L	2200	40	80	1000	216
5LD 825-4	2600	67	125	1000	338
5LD 825-4/L	2200	54	106	1000	287
5LD 930-3	2600	54	105	1000	284
5LD 930-4	2600	72	140	1000	379
6LD 260	3600	5	15	1000	41
6LD 260/C	1800	5	14	1000	38

Engine Model	RPM	HP	-- Exhaust --		
			Intake Temp. (°F)	Flow (CFM)	
6LD 325	3600	7	17	1000	46
6LD 325/C	1800	7	17	1000	46
6LD 360	3600	8	19	1000	51
6LD 360 V	3600	8	19	1000	51
6LD 400	3600	8	21	1000	57
7LD 665	3000	15	29	1000	78
7LD 665/F	3000	15	29	1000	78
7LD 740/L	3000	16	32	1000	87
8LD 600-2	3000	26	52	1000	141
8LD 665-2	3000	29	58	1000	157
8LD 665-2/L	2200	22	44	1000	119
8LD 740-2	2600	29	52	1000	141
9LD 561-2	3000	26	48	1000	130
9LD 561-2/L	2200	18	37	1000	100

MACK					
E6	NA	350	NA	750	1950
E7	NA	300	NA	728	1561
	NA	350	NA	742	1679
	NA	400	NA	791	1934
	NA	427	NA	795	2136
	NA	460	NA	814	2315
	NA	310/330	NA	728	1550
	NA	330/355	NA	735	1653
	NA	355/380	NA	736	1767
E9	NA	500	NA	740	3050
EN291	2800		178	900	448
EN331	2800		206	900	519
EN402	2800		246	900	620
EN438	2600		247	900	622
EN540	2400		280	900	705
EN707C	2100		306	900	771
END465	2600		325	900	819
END475	2400		280	900	705
END5673C	2100	250	600	900	1511
END5864	2300	270	850	900	2141
END673E	2100	180	400	900	1007
END707	2100	200	410	900	1033
END864BC	2450		540	900	1360
ENDT475	2400		460	900	1159
ENDT673	2100	225	600	900	1511
ENDT675	2100	237	625	900	1574
ENDT676			800	900	2015
ENDT864A	2300		860	900	2166
ENDT865	2600	325	960	900	2418
ENDT866	2400	275	1050	900	2644
ENDTF673	2300		665	900	1675
ENDTF673C	2200		625	900	1574

MERCEDES-BENZ					
OM314	2800	85	170	900	428
OM346	2800		427	900	1075
OM352	2800	130	260	900	655
OM352A	2800	168	336	900	846
OM355	2000	200	327	900	824
OM360	2500	190	308	900	776
OM401	2500	195	340	900	856
OM402	2500	260	340	900	856
OM403	2500	325	463	900	1166
OM404	2500	430	738	900	1859
OM407	2200	240	480	900	1209
OM407A	2200	280	560	900	1410
OM407h	2200	240	480	900	1209
OM407hA	2200	280	560	900	1410
OM421	2300	216	432	900	1088

Engine Model	RPM	HP	-- Exhaust --		
			Intake Temp. (°F)	Flow (CFM)	
OM422	2300	280	560	900	1410
OM422A	2300	330	660	900	1662
OM422LA	2300	375	750	900	1889
OM423	2300	355	710	900	1788
OM423LA	2100	470	940	900	2367
OM424	2300	420	840	900	2116
OM424A	2300	530	1060	900	2670
OM424LA	2300	615	1230	900	3098
OM616	3600	67	134	900	337
OM617	3600	82	164	900	413
OM636	3500	40	95	900	239

MITSUBISHI					
S12A-PT	1800	660	1620	900	4080
S12A-PTA	1800	850	2080	900	5239
S12A-PTK	1800	900	2190	900	5516
S12N-PT	1800	1000	2440	900	6145
S12N-PTA	1800	1130	2750	900	6926
S12N-PTK	1800	1230	3000	900	7556
S12U-PTA	1200	3100	7910	900	19921
S12U-PTK	1200	3300	8400	900	21156
S16N-PT	1800	1320	3210	900	8084
S16N-PTA	1800	1500	3670	900	9243
S16N-PTK	1800	1620	3960	900	9973
S6A-PT	1800	330	810	900	2040
S6A-PTA	1800	425	1020	900	2569
S6A-PTK	1800	450	1100	900	2770
S6B-PT	1800	260	640	900	1612
S6B-PTA	1800	320	780	900	1964
S6B-PTK	1800	360	880	900	2216
S6N-PT	1800	500	1240	900	3123
S6N-PTA	1800	565	1380	900	3476
S6N-PTK	1800	615	1480	900	3727
S6U-PTA	1200	1550	3960	900	9973
S6U-PTK	1200	1650	4200	900	10578
S8N-PT	1800	660	1620	900	4080
S8N-PTA	1800	750	1840	900	4634
S8N-PTK	1800	810	1980	900	4987

MTU OF NORTH AMERICA					
12V-396-TB-83					
	1845	1560	3919		3338
12V-396-TB-93					
	1845	1200	4534		3862
12V-396-TC-82					
	1745	1300	2902		2472
8V-396-TB-83					
	1845	1050	2436		2075
8V-396-TB-93					
	1845	1800	2944		2508
8V-396-TC-82					
	1745	870	1864		1588

NAVISTAR					
4-196	3800	86	162	1150	483
6.9 L	3000	170	330	1000	892
7.3 LT (T444)	2600	190	605	753	1359
7.3 L	3000	175	349	1000	944
9.0 L (DV550)	2800	185	410	1050	1146
C-200	2500	74	109	1150	325
C-221	2600	90	124	1150	370
C-263	2800	109	160	1150	477
C-301	2800	118	183	1150	546
C-345	3000	160	224	1150	668

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
NAVISTAR CONTINUED					
C-392	3000	180	255	1150	760
C-549	3200	232	381	1150	1136
C135B	2400	46	70	1150	209
C153	2400	53	80	1150	239
C175	2500	63	95	1150	283
D155	2500	48	95	900	239
D179	2400	59	99	900	249
D188	2400	62	104	900	262
D206	2500	56	119	900	300
D236	2400	65	131	900	330
D239	2500	80	138	900	348
D268	2500	85	165	900	416
D282	2400	95	156	900	393
D310	2300	101	165	900	416
D312	3000	117	216	900	544
D360	3000	136	250	900	630
D370	2200	105	188	900	473
D407	2600	127	245	900	617
D414	3000	157	287	900	723
D466	3000	165	323	900	813
D550B	3000	200	382	900	962
D554	2300	150	294	900	740
D691	1600	150	256	900	645
DT239	2500	110	225	900	567
DT358	2400	130	340	900	856
DT360	2700	190	588	850	1426
DT361	2600	146	341	900	859
DT402	2400	165	380	900	957
DT407	2500	160	368	900	927
DT414	3000	220	449	900	1131
DT420	2600	225	403	900	1015
DT466	2400	195	664	737	1520
DT466	2400	210	650	765	1530
DT466	2400	230	677	855	1710
DT466	2400	250	650	845	1640
DT466	2400	275	650	984	1820
DT573	2600	300	539	900	1357
DT573B	2600	260	525	900	1322
DT817	2100	385	975	900	2456
DT817B	2100	320	975	900	2456
DT817C	2200	420	975	900	2456
DVT800	2600	310	752	900	1894
MV-404	3600	188	315	1150	939
MV-446	3600	235	348	1150	1038
UC60	2500	17	33	1150	98
UR-450	2400	158	234	1150	698
UV-401	2800	165	243	1150	725
V-304	4400	180	298	1150	888
V-345	3800	172	284	1150	847
V-345	3800	168	284	1150	847
V-392	3600	236	306	1150	912
V-537	3200	208	372	1150	1109
VS-478	3400	224	352	1150	1049
VS-549	3200	243	381	1150	1136

NISSAN					
A-12	4800	58	74	900	186
A-15	4800	78	95	900	239
ED-33	3200	83	168	900	423
FD-33T	3200	105	235	900	592
FD-6	2700	131	243	900	612
FD-6T	2700	148	340	900	856
H-20	3100	55	82	900	207
H-30	2600	66	102	900	257

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
J-15	2800	32	55	900	139
LD-20	2600	38	80	900	201
LD-28	2600	53	115	900	290
ND-6	2400	130	260	900	655
P-40	2300	80	120	900	302
PD-6	2200	173	360	900	907
PD-6T	2200	227	505	900	1272
PE-6	2200	200	408	900	1028
PE-6T	2200	250	570	900	1436
RD10	2400	330	682	900	1718
RD10T	2400	415	1000	900	2519
RD10TA	2300	485	1200	900	3022
RD8	2400	265	545	900	1373
RD8T	2400	320	763	900	1922
SD-16	3200	36	85	900	214
SD-22	3200	51	110	900	277
SD-25	3200	60	126	900	317
SD-33	3200	79	165	900	416
SD-33T	3200	92	230	900	579

PERKINS					
3.1522	2500	44	95	900	239
4-107	4000	57	99	900	249
4-108	4000	60	100	900	252
4-154	3600	80	128	900	322
4-203	2600	63	122	900	307
4-236	2800	80	153	900	385
4-248	2500	85	144	900	363
4-270	2000	62	125	900	315
4-300	2200	90	152	900	383
4-302	2300	76	161	900	405
4-318	2000	75	147	900	370
4-99	4000	55	92	900	232
4.108	4000	49	102	900	257
4.165	3600	70	135	900	340
4.2032	2250	58	117	900	295
4.236	2800	82	157	900	395
4.248	2500	84	152	900	383
4.318	2000	70	140	900	353
6-305	2600	89	184	900	463
6-354	2800	120	230	900	579
6-372	2500	121	215	900	541
6.247	3600	101	205	900	516
6.3544	2800	200	238	900	599
6.3724	2500	227	227	900	572
D3-152	2500	52	88	900	222
D3.152	2500	49	3	900	8
D4.203	2500	3	3	900	8
T6-354	2400	150	307	900	773
T6-354-3	2500	140	320	900	806
T6.3544	2600	370	370	900	932
TV8.640	2600	685	685	900	1725
V8-510	2800	185	331	900	834
V8-540	2500	166	312	900	786
V8-605	2500	200	350	900	881
V8.540	2600	370	370	900	932
V8.640	2600	411	411	900	1035

RENAULT					
18TS/GTS	5750	92	230	1150	686
20 TL/GTL	5500	98	200	1150	596
20 TX	5500	112	230	1150	686
20 TX	5000	112	230	1150	686
4 GTL	4000	33	70	1150	209
4L/TL	4250	20	40	1150	119

Engine Model	RPM	HP	Intake CFM	-- Exhaust --	
				Temp. (°F)	Flow (CFM)
9 TD/GTD	4800			900	
FUEGO TURBO D	4250	85	211	900	531
TRAFIC	4750	46	90	1150	268
TRAFIC	5000	46	90	1150	268
TRAFIC PROP	4000	56	140	900	353

SAME					
1052 LP	2500	39	83		71
1053 P	2500	64	124		106
1054 P	2500	85	165		141
1054 PT	2300	90	152		129
1055 P	2500	105	206		175
1056 P	2500	126	248		211
1056 PS	2300	148	228		194
1056 PT	2300	160	228		194
916.3A	3000	61	131		112
916.4A	3000	81	175		149

TELEDYNE					
ACN	3600	6	13		11
AENL	3600	9	20		17
AGND	3200	12	26		22
BKN	3600	7	16		14
EY18-3W	3600	5	10		9
EY21W	3800	17	33		28
EY25W	3600	6	15		13
EY27W	3600	8	16		14
EY44W	3600	10	22		19
NH4D	2800	30	75		64
R08	5000	27	60		51
R11	4200	34	73		62
R14	4200	48	105		89
R17	5000	83	180		153
R22	5500	101	220		187
RD16	4800	54	135		115
RD21	4200	62	155		132
S-12D	3600	12	31		26
S-14D	3600	14	30		26
S-8D	3600	8	18		15
TJD	3600	18	48		41
TM13	3000	33	70		60
TM13	3000	22	45		38
TM20	3000	52	100		85
TM20	3000	44	90		77
TM27	3000	69	125		106
TM27	3000	59	120		102
TMD13	3000	29	72		61
TMD20	3000	44	110		94
TMD27	3000	121	300		256
TRA-12D	3600	12	25		21
V-465D	3000	66	133		113
V460D	3000	65	65		55
VE4	2400	48	48		41
VF4	2400	56	56		48
VG4D	2400	37	75		64
VH4	2800	61	61		52
VH4D	2800	30	65		55
VR4D	2200	37	122		104
W2-1230	3600	25	55		47
W2-1235	3600	30	68		58
W2-880	3600	20	44		37
W4-1770	3000	35	72		61
WD1-340	3000	7	18		15

Engine Exhaust & Air Flow Guide

Engine Model	RPM	HP	Intake CFM	Temp. (°F)	Flow (CFM)
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TELEDYNE CONTINUED

WD1-350.....	3000	8	20		17
WD1-430.....	3000	10	24		20
WD1-450.....	3400	10	26		22
WD1-660.....	3000	15	38		32
WD1-670.....	3000	16	40		34
WD1-750.....	3000	17	43		37
WD2-1000.....	3000	21	52		44
WD2-860.....	3000	19	48		41
WI-145.....	4000	4	8		7
WI-145V.....	3600	4	8		7
WI-185.....	3600	5	10		9
WI-185V.....	3600	5	10		9
WI-340.....	3600	9	20		17
WI-390.....	3600	11	22		19
WI-588.....	3600	16	34		29

VOLKSWAGON

026.2.....	2200	70	140	1150	417
068.5.....	4000	48	90	900	227
068.A.....	4000	60	120	900	302
075.1.....	4000	75	145	900	365
126A.....	2000	45	90	1150	268

VOLVO

D45BPP.....	2300	75	195	900	491
TD100G.....	2000	223	460	900	1159
TD100GPP.....	2000	223	460	900	1159
TD120HP.....	2000	286	575	900	1448
TD121G.....	2000	284	575	900	1448
TD45B.....	2200	90	235	900	592
TD61A.....	2500	154	330	900	831
TD61AP.....	2500	165	350	900	881
TD61AW.....	2500	162	350	900	881
TD71A.....	2200	189	360	900	907
TD71AP.....	2200	192	360	900	907
TD71AW.....	2400	190	360	900	907
TID100KPP.....	2000	249	515	900	1297
TID121KP.....	2000	343	695	900	1750
TID121LP.....	1800	401	800	900	2015
TID71A.....	2200	216	380	900	957
TID71AP.....	2200	209	400	900	1007

Engine Model	RPM	HP	Intake CFM	Temp. (°F)	Flow (CFM)
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WAUKESHA

190DLC.....	2800	84	128		109
197DLC.....	2800	91	208		177
197DLCs.....	2800	131	320		273
D317D.....	2400	118	285		243
D317DS.....	2400	142	340		290
F1197D.....	1800	258	620		528
F1197DS.....	1800	400	960		818
F1197DSI.....	2400	462	1100		937
F1905DS.....	1200	397	860		733
F1905DSI.....	2200	514	1015		865
F2896D.....	1200	415	804		685
F2896DS.....	1200	695	1032		879
F2896DSI.....	1200	877	1305		1112
F475D.....	2400	182	440		375
F475DS.....	2400	216	520		443
F674D.....	2200	226	540		460
F674DS.....	2200	229	550		469
H1077D.....	2400	346	630		537
H1077DS.....	2400	522	1080		920
H1077DSI.....	2400	557	1190		1014
H866DS.....	2300	384	920		784
L1616D.....	2400	520	940		801
L1616DS.....	2400	785	1680		1431
L1616DSI.....	2400	836	1850		1576
L5100D.....	1200	830	1420		1210
L5100DS.....	1200	1232	2170		1849
L5100DSI.....	1200	1375	2560		2181
L5790D.....	1200	905	1710		1457
L5790DS.....	1200	1235	2600		2215
L5790DSI.....	1200	1754	3080		2624
LRDCS.....	1200	695	1032		879
NKDC.....	1200	297	566		482
NKDCS.....	1200	390	860		733
P2154D.....	2200	592	1420		1210
P2154DS.....	2200	1017	2450		2087
P2154DSI.....	2200	1077	2600		2215
VLRD.....	1200	905	1710		1457
VLRDS.....	1200	1235	2600		2215
VRD232.....	2200	68	160		136
VRD283.....	2200	76	180		153
VRD310.....	2400	106	255		217
WAKD.....	1800	258	530		451
WAKDS.....	1800	400	810		690

Engine Model	RPM	HP	Intake CFM	Temp. (°F)	Flow (CFM)
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WHITE ENG

D-2000.....	2600	70	120		102
D-2300.....	2400		137		117
D-2300T.....	2400		211		180
D-3000.....	2800	110	193		164
D-3000T.....	2600	130	280		239
D-3300T.....	1800		175		149
D-3400.....	2400		210		179
D-3400T.....	2400		333		284
D-4800.....	2400		260		221
D-4800T.....	2400		400		341
D-4800TA.....	2400		400		341
D-4800TAH.....	1800		431		367
G-1600.....	2400		102		87
G-2000.....	2800	84	120		102
G-2300.....	2400		130		111
G-3000.....	2800	130	181		154
G-3400.....	2400		210		179

YANMAR

12LAAL-DT.....	1800	1060	2772	900	6981
3T95LE.....	2800	51	114	900	287
4HAL.....	1800	110	260	900	655
4T95LE.....	2800	68	150	900	378
4T95LTE.....	2800	85	208	900	524
6HAL.....	1800	165	390	900	982
6HAL-DT.....	1800	330	837	900	2108
6HAL-HT.....	1800	264	692	900	1743
6HAL-T.....	1800	209	512	900	1289
6LAAL-DT.....	1800	530	1370	900	3450
6T95LE.....	2800	102	233	900	587
6T95LTE.....	2800	128	314	900	791
8LAAL-DT.....	1800	705	1800	900	4533

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In some cases you will find multiple page numbers listed, for products such as: mufflers (with references to the specifications section and the muffler selection by engine performance section); and clamps (with references to both dimensional and application information).

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Primary Distribution Centers – Filters then move to our regional warehouses and distribution center hubs – meaning the filters you need are never far away.

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Distribution Partners – We've built one of the largest, strongest and most responsive distributor networks in the filter industry – meaning you can find the filters and support you need, nearly anywhere in the world.



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