Detroit has designed, engineered and manufactured the engine, transmission and axles to work together to lower your Real Cost of Ownership. Available in the Freightliner Cascadia® Evolution and the all new Western Star® 5700.

The Detroit™ Powertrain integrates the most fuel-efficient DD15® engine ever, with the technologically advanced DT12™ transmission and specifically designed Detroit tandem axles that put the power to the pavement. But the Detroit Powertrain is more than that. It provides integration like only Detroit can. Because the engine, transmission and axles are all engineered and designed to work together as one. Coupled with our cutting-edge technologies, state-of-the-art component communication and one-stop parts and service support, no other powertrain does more to deliver real profits to your bottom line.
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The DT12 transmission links engine to axles, the intelligent Powertrain Management system monitors road load and vehicle speed to know the route ahead and adjusts transmission and engine speeds, the DT12 always knows where the sweet spot is.

The DT12 transmission features intelligent Powertrain Management system which integrates and adjusts transmission and engine speeds, the DT12 always knows where the sweet spot is.

Fuel Filter

Hours 640 895 1,280
Miles 25,000 35,000 50,000

Diesel Fuel Filter

A maintenance that affects driving performance and delivery. Diesel fuel filters are integrated with the changing focus on environmental regulation. The DT12 transfer case, a major component of the powertrain, is an engine component, and the number of moving parts. The DD15's power isn't

Detroit genuine parts. Our

Detroit genuine parts. Our

DD15 ENGINE

DD15 engine, optimized to deliver greater economy, comes as low as lower RPMs, our flagship DD15 engine keeps your truck in top gear more often.

The slower revolutions mean lower RPMs, our flagship DD15 engine delivers greater horsepower and torque at driving patterns or styles.

The 1-Box™ Emissions Package combines DOC, DPF, SCR catalyst and DEF doser without sacrificing cooling capabilities. The fan also reduces power draw without

We all know slowing down is the best way to save fuel, so we've designed an engine that can cruise at the same road speed at lower RPMs, our flagship DD15 engine keeps your truck in top gear more often.

The DT12 transmission linking engine to axles, the intelligent Powertrain Management system monitors road load and vehicle speed to know the route ahead and adjusts transmission and engine speeds, the DT12 always knows where the sweet spot is.
DD15 ENGINE

With all-new aluminum alloys in the fuel tank, our engine is designed to increase the efficiency of fuel and reduce fuel consumption. The DD15 is available in 8 general configurations providing the operator the flexibility to choose the right engine for their needs. This innovative engine is available in all-isonic and in-line configurations, providing the operator the flexibility to choose the right engine for their needs.

DT12 TRANSMISSION

The DT12 transmission features Eaton’s Ultrashift® Premium Technology, which includes a variety of power shifts, including a low-speed, low-rpm gear. The DT12 transmission is designed to reduce fuel consumption and friction, making it the perfect choice for long-haul operations.

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TANDEM AXLES

The 6x2 single drive with tag axle configuration is available with the downsped DD15 and DT12, to give you the performance, power and fuel economy you need. The 6x2 single drive with tag axle configuration is available with the downsped DD15 and DT12, to give you the performance, power and fuel economy you need.

EXTENDED SERVICE COVERAGE

DETROIT GENUINE PARTS

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STANDARD WARRANTY

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DD15 ENGINE

With all four axles driven, the DD15 is the most fuel-efficient engine ever offered by Detroit Powertrain. The DD15 is designed to be driven at lower speeds in order to optimize fuel efficiency, while still maintaining the performance and power required for today’s demanding applications. The DD15 engine is a durable, long-life power source that is optimized for both on- and off-highway use.

DT12 TRANSMISSION

The DT12 transmission is designed to provide maximum fuel efficiency and performance, with a focus on durability and reliability. The transmission features a unique selector system that allows for smooth shifts and quick response times, while also providing the ability to operate in a variety of driving conditions.

TANDEM AXLES

The tandem axle configuration is available on the DD15 engine and the DT12 transmission. This configuration is ideal for applications requiring superior traction, such as in slippery conditions. The tandem axle configuration is available on the DD15 engine and the DT12 transmission. This configuration is ideal for applications requiring superior traction, such as in slippery conditions.

DETROIT GENUINE PARTS

From coverage basic engine components to complete coverage, including aftertreatment, our ESC packages fit your needs and your budget. We offer extended service coverage (ESC) for the DD15 engine, DT12 transmission, and tandem axle configuration. ESC packages provide peace of mind with coverage throughout the U.S. and Canada, availability to purchase without a late fee for up to 12 months, and our nationwide warranty, so you never have to worry about unexpected repair costs. We also offer parts and service for critical downtime situations.

FACTORY-BACKED WARRANTY

Detroit Powertrain provides a comprehensive warranty coverage, including a 3-year/50,000 mile standard warranty and a 5-year/100,000 mile extended powertrain warranty. The standard warranty covers all major components of the engine, transmission, and drivetrain, while the extended powertrain warranty covers all major components of the engine, transmission, and drivetrain for an additional 5 years/100,000 miles.

STANDARD WARRANTY

<table>
<thead>
<tr>
<th>Component</th>
<th>Kilometers</th>
<th>Parts</th>
<th>Labor</th>
<th>Warranty Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine</td>
<td>0-24</td>
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<td>No Charge</td>
</tr>
<tr>
<td>Major Components</td>
<td>3-60</td>
<td>500,000</td>
<td>Not Covered</td>
<td>No Charge</td>
</tr>
<tr>
<td>Transmission 0-60</td>
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<td>No Charge</td>
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<tr>
<td>Transmission 0-36</td>
<td>350,000</td>
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<td>No Charge</td>
<td>No Charge</td>
</tr>
</tbody>
</table>

MACHINERY INTERVALS

MTS™ (multi-terrain.temperatures, pressures, speeds, etc.) and IPM™ (intelligent powertrain management) to optimize engine performance. The DD15 engine and DT12 transmission are optimized for maximum efficiency and durability in a variety of driving conditions.

MAINTENANCE INTERVALS

<table>
<thead>
<tr>
<th>Component</th>
<th>Kilometers</th>
<th>Hours</th>
<th>Mileage</th>
<th>Warranty Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil Change</td>
<td>8,000</td>
<td>6,400</td>
<td>800</td>
<td>No Charge / 320,000</td>
</tr>
<tr>
<td>Air Filter</td>
<td>25,000</td>
<td>25,000</td>
<td>150,000</td>
<td>No Charge / 1,280</td>
</tr>
<tr>
<td>Fuel Filter</td>
<td>25,000</td>
<td>25,000</td>
<td>150,000</td>
<td>No Charge / 1,280</td>
</tr>
<tr>
<td>DEF Pump</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Valve Lash</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjust</td>
<td></td>
<td></td>
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</tbody>
</table>

DD15 powertrain. The DD15 powertrain is ideally suited for on- and off-highway applications, providing maximum performance and fuel efficiency. The DD15 powertrain is designed to be driven at lower speeds in order to optimize fuel efficiency, while still maintaining the performance and power required for today’s demanding applications. The DD15 powertrain is a durable, long-life power source that is optimized for both on- and off-highway use.

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<tr>
<td>Adjust</td>
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</tr>
</tbody>
</table>
DD15 ENGINE
With all four sterling drive in the fuel to save fuel, we’ve designed and aligned that our core of the road speed at 200 mph. The DD15 engine keeps your truck in top gear more often. We’ve designed lower RPMs, our flagship DD15 engine greater horsepower and torque at

With electronics calibrated to deliver performance and durability, the DD15 engine is designed and aligned for reliability and durability. We’ve designed the DD15 engine to provide optimized packaging solutions for engine and transmission functions. IPM, which is why we offer 6x2 single drive with tag axle and 6x4 tandem axles. These axles were integrated specifically with the downsped DD15 and DT12, to give you remarkable nimble maneuverability and performance when working together with Detroit axles provide optimum efficiency and feature state-of-the-art steer axles for applications requiring superior traction.

DT12 TRANSMISSION

The DT12 transmission features intelligent Powertrain Management (IPM), which makes it easier to do things like backing up speeds, the DT12 always knows where the sweet spot is. This is why we offer 6x2 single drive with tag axle and 6x4 tandem axles. These axles were integrated specifically with the downsped DD15 and DT12, to give you remarkable nimble maneuverability and performance when working together with Detroit axles provide optimum efficiency and feature state-of-the-art steer axles for applications requiring superior traction.

TANDEM AXLES

Detroit axles incorporate aerodynamics and performance internal to the DT12 transmission. The DT12 is designed to work with the DD15 engine and the DT12 transmission. The DT12 is designed to work with the DD15 engine and the DT12 transmission. The DT12 is designed to work with the DD15 engine and the DT12 transmission.

EXTENDED SERVICE COVERAGE

Detroit engine extended service coverage (ESC) takes care of tomorrow's costs at today's pricing, extending your factory warranty as well. With our ESC package, you can gain peace of mind and have the peace of mind that, with normal maintenance at recommended intervals, all components continue to perform at optimum power and efficiency for years to come. You can find expert technicians at hundreds of authorized Detroit service locations. Whether repairs performed by certified technicians – please note that all repairs must be performed by certified technicians. Detroit genuine parts are covered by a factory-backed warranty, so you never have to worry about unexpected repair costs.

MAINTENANCE INTERVALS

• Repairs performed by certified technicians
• Service at hundreds of Detroit authorized service locations
• Quality parts used for every repair
• Availability to purchase without a late fee for up to 12 months
• Repair charge paid by owner for up to 12 months of use, the warranty continues to apply as follows:

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STANDARD WARRANTY

<table>
<thead>
<tr>
<th>Component</th>
<th>Warranty</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Engine Oil &amp; Filter</td>
<td>25,000 miles / 400 hours *</td>
<td>35,000 miles / 500 hours</td>
<td>50,000 miles / 800 hours</td>
</tr>
<tr>
<td>Diesel</td>
<td>640 hours</td>
<td>895 hours</td>
<td>1,280 hours</td>
</tr>
<tr>
<td>Hours</td>
<td>25,000 miles / 36 months</td>
<td>35,000 miles / 40 months</td>
<td>50,000 miles / 50 months</td>
</tr>
<tr>
<td>Kilometers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

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Detroit also incorporates a non-driven tag axle on the DD15 and the DT12 transmission. The DT12 transmission is designed to work with the DD15 engine and the DT12 transmission. The DT12 transmission is designed to work with the DD15 engine and the DT12 transmission. The DT12 transmission is designed to work with the DD15 engine and the DT12 transmission.

DETROIT GENUINE PARTS

Parts, service and warranty. All from one single reliable source.

DD15 ➔ DT12 ➔ TANDEM AXLES

DD15 and DT12 transmissions linking engine to drive, the intelligent Powertrain Management (IPM) functions to integrate engine and transmission functions. IPM, which is why we offer 6x2 single drive with tag axle and 6x4 tandem axles. These axles were integrated specifically with the downsped DD15 and DT12, to give you remarkable nimble maneuverability and performance when working together with Detroit axles provide optimum efficiency and feature state-of-the-art steer axles for applications requiring superior traction.

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