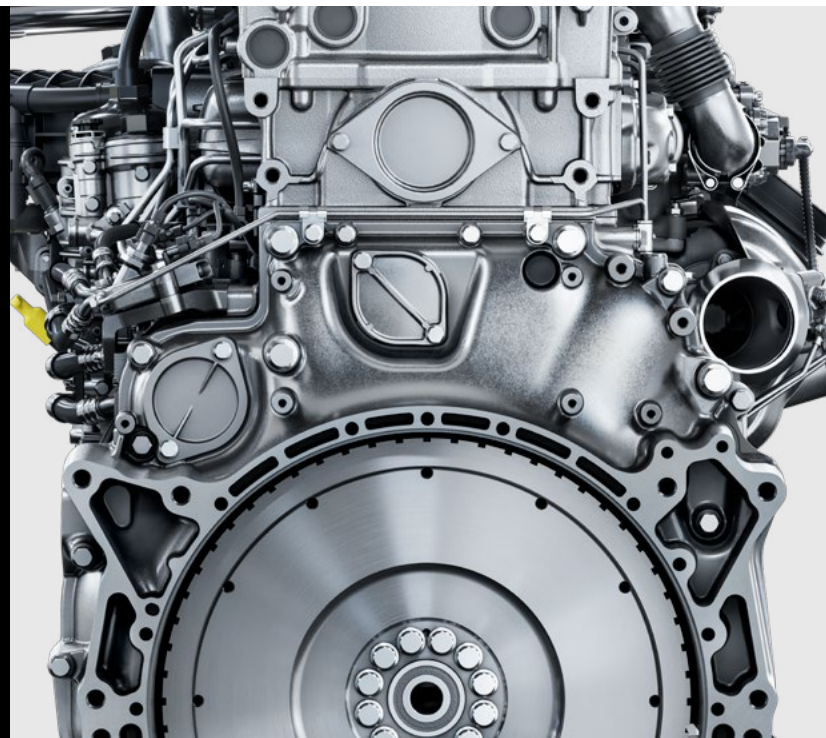


# RESTORE POWER, PERFORMANCE AND RELIABILITY.

Your customers depend on you to meet tight delivery windows. Your drivers want reliable trucks that run strong. Performance and fuel economy can make or break your bottom line. When it comes to restoring power, reliability and efficiency, Detroit Reman Engines are the best choice for your operation.

## DETROIT REMAN ENGINES:

- Restore performance, reliability and fuel economy with Genuine Parts
- Faster repair times compared to an Engine overhaul
- Extended coverage options ranging up to 3 years/300,000 miles
- Parts, labor and progressive damage included for authorized installs
- Nationwide coverage backed by a broad network of Freightliner and Western Star Dealers



| COVERAGE OPTIONS<br>Long Blocks only eligible for Reman Engine Coverage | PARTS | LABOR | PROGRESSIVE<br>DAMAGE | TOWING |
|-------------------------------------------------------------------------|-------|-------|-----------------------|--------|
| 1 YEAR/100,000 MILES REMAN ENGINE COVERAGE                              | ✓     | ✓     | ✓                     | Year 1 |
| 2 YEAR/200,000 MILES STEPUP COVERAGE                                    | ✓     | ✓     | ✓                     | Year 1 |
| 3 YEAR/300,000 MILES STEPUP COVERAGE                                    | ✓     | ✓     | ✓                     | Year 1 |



## CHOOSE THE SOLUTION THAT BEST FITS YOUR NEEDS AND PRIORITIES

| ENGINE TYPE              | LONG BLOCK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3/4                                                                                                                                                                                                                                                                                                                                       | POWERCHOICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>KEY BENEFITS</b>      | <ul style="list-style-type: none"> <li>- Built to generic specification</li> <li>- Speedy delivery, fast movers in-stock</li> <li>- Lowest cost solution</li> <li>- Includes base Engine components</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>- Built to generic specification</li> <li>- Speedy delivery, fast movers in-stock</li> <li>- Budget friendly with better coverage</li> <li>- Includes key Fuel System components</li> </ul>                                                                                                        | <ul style="list-style-type: none"> <li>- Built to serial number specification</li> <li>- Ideal for scheduled repowers</li> <li>- Fastest repair time, more coverage</li> <li>- Complete Dyno-tested Engine</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>PARTS INCLUDED</b>    | <p><b>Long Blocks include the following parts:</b></p> <p><b>Base Engine:</b></p> <ul style="list-style-type: none"> <li>- Engine Block</li> <li>- Engine Mounts<sup>1</sup></li> <li>- Crankshaft</li> <li>- Crankshaft &amp; Timing Sensors</li> <li>- Connecting Rods</li> <li>- Pistons</li> <li>- Liners</li> <li>- Cylinder Head</li> <li>- Camshafts &amp; Housing</li> <li>- Gear Train<sup>1</sup></li> <li>- Gear Case Cover<sup>1</sup></li> <li>- Flywheel &amp; Housing<sup>1</sup></li> <li>- Rocker Cover<sup>1</sup></li> </ul> <p><b>Lubrication &amp; Cooling:</b></p> <ul style="list-style-type: none"> <li>- Oil Pan &amp; Pickup System<sup>1</sup></li> <li>- Oil Pressure Sensor</li> <li>- Oil Coolant Module Assembly (OCM)<sup>1</sup></li> <li>- Water Pump (Incl. in OCM)<sup>1</sup></li> <li>- Oil Cooler (Incl. in OCM)<sup>1</sup></li> <li>- Oil Fill (Incl. in OCM)<sup>1</sup></li> <li>- Oil &amp; Coolant Filters (Incl. in OCM)<sup>1</sup></li> <li>- Coolant &amp; Oil Temperature Sensors</li> </ul> | <p><b>3/4 Engines include the following additional parts:</b></p> <p><b>Base Engine:</b></p> <ul style="list-style-type: none"> <li>- Vibration Damper</li> </ul> <p><b>Fuel System:</b></p> <ul style="list-style-type: none"> <li>- Fuel Injectors</li> <li>- High Pressure Fuel Rail</li> <li>- Fuel Rail to Injector Lines</li> </ul> | <p><b>PowerChoice Engines include the following additional parts:</b></p> <p><b>Base Engine:</b></p> <ul style="list-style-type: none"> <li>- Alternator Brackets</li> <li>- Rocker Arm Assemblies</li> </ul> <p><b>Electrical System:</b></p> <ul style="list-style-type: none"> <li>- Engine Harness</li> <li>- Engine Control Module (MCM)</li> </ul> <p><b>Lubrication System:</b></p> <ul style="list-style-type: none"> <li>- Oil Dipstick &amp; Dipstick Tube</li> </ul> <p><b>Fuel System:</b></p> <ul style="list-style-type: none"> <li>- High Pressure Fuel Pump</li> <li>- Fuel Filter Module</li> <li>- Fuel Pump to Rail Lines</li> <li>- Fuel Injector Harness</li> </ul> <p><b>Air &amp; Exhaust System:</b></p> <ul style="list-style-type: none"> <li>- Air Intake Manifold</li> <li>- Air Compressor</li> <li>- Exhaust Manifold</li> <li>- EGR Cooler</li> <li>- Turbocharger</li> <li>- Turbocharger Compound (if needed)</li> </ul> |
| <b>COVERAGE OPTIONS*</b> | <ul style="list-style-type: none"> <li>- 1 Year/100,000 Reman Engine coverage</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>- 1 Year/100,000 Reman Engine coverage</li> <li>- 2 Year/200,000 StepUP coverage<sup>2</sup></li> <li>- 3 Year/300,000 StepUP coverage<sup>2</sup></li> </ul>                                                                                                                                      | <ul style="list-style-type: none"> <li>- 1 Year/100,000 Reman Engine coverage</li> <li>- 2 Year/200,000 StepUP coverage<sup>2</sup></li> <li>- 3 Year/300,000 StepUP coverage<sup>2</sup></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

The engine build content shown above applies to DD13<sup>®</sup>, DD15<sup>®</sup> and DD16<sup>®</sup> Engines only. Engine content varies for other Engine platforms i.e., DD5<sup>®</sup>, DD8<sup>®</sup>, Series 60, MBE900 and MBE4000 applications.

1. Long Block and 3/4 Engines are built as generic units to provide the fastest possible delivery; application-specific components may need to be swapped with the existing engine core at the time of installation.

2. The above StepUP coverages only apply to DD13, DD15, DD16, Series 60 and MBE4000 Engines.



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**\*Contact your local Dealer today for full terms and conditions:**

- Installation must be performed by a Detroit-authorized or Dealer-authorized service outlet (i.e., Detroit Certified Dealer, Detroit Distributors, Detroit-certified technician at a customer repair facility, Dealer-authorized Independent Repair Facility)
- Coverage must be registered in OWL within 90 days of retail customer invoice date; VIN, engine serial number (ESN), mileage at installation and retail customer invoice date are required for Dealers to register coverage
- All Warranty repairs must be performed by a Detroit-Authorized service outlet (Dealer)
- Long Block and 3/4 Engines are built as generic units to provide the fastest possible delivery; application-specific components may need to be swapped with the existing engine core at the time of installation
- Any downgrading or tampering with emissions equipment voids all coverage