

# DD13 / DD15 / DD16 ENGINE COVERAGE PACKAGES



<b>EW1</b>	<p>Air Inlet Manifold Air Intake Throttle Valve Alternator Bracket* Belt Tensioner Camshaft Assembly (including seals) Cold Pipe Assembly Connecting Rod, Bearings &amp; Bolts Cooler Inlet Pipe Crankcase Breather Oil Separator Crankshaft Thrust Washer Cylinder Block Cylinder Head Assembly</p>	<p>Cylinder Head Gasket Cylinder Liner EGR System Engine-Mounted Sensors Exhaust Manifold &amp; Bellows Fan Support Assembly Flywheel, Housing &amp; Gasket Fuel Filter Housing Gear Case Gear Train Gear Train/Timing Case Gasket High Pressure Fuel System &amp; Lines</p>	<p>Integrated Engine Brake Low Pressure Fuel Pump Main Bearing Bolts Main Bearings MCM/CPC Oil Cooler, Housing &amp; Gaskets Oil Pan &amp; Seals Oil Press REG &amp; Relief Valves Oil Pump Pistons (rings, pins, retainers) Rocker Arm Assembly Rocker Cover &amp; Seals</p>	<p>Thermostat Housing &amp; Gasket Turbo Compound Device &amp; Coupling Turbocharger Outlet Elbow Valves (exhaust, intake) Valve Springs, Guides, Inserts Vibration Damper Water Pump (excludes water pump seal)</p>
<b>EW2</b>	<b>EVERYTHING IN EW1, PLUS:</b>	<p>Air Compressor*** Fuel Injectors</p>	<p>Turbocharger Water Pump Seal</p>	
<b>EW3</b>	<b>EVERYTHING IN EW2, PLUS:</b>	<p>Aftertreatment Control Module Aftertreatment Nox Sensors Aftertreatment Pressure Sensors Aftertreatment Temperature Sensors</p>	<p>DEF Pump/Metering Unit/Injection Unit Electrical Harness &amp; Connectors** Hydrocarbon Fuel Line Hydrocarbon Injection Valve</p>	<p>Hydrocarbon Metering Unit Seals – Front &amp; Rear Crankshaft</p>
<b>EW4</b>	<b>EVERYTHING IN EW3, PLUS:</b>	<p>Aftertreatment System Mounting Brackets &amp; Clamps</p>	<p>Diesel Oxidation Catalyst &amp; Housing Diesel Particulate Filter &amp; Housing</p>	<p>SCR Catalyst &amp; Housing</p>

\*If supplied by Detroit.

\*\*Engine harnesses and connectors installed at the Detroit plant only. Harnesses and connectors not installed at the Detroit plant can be covered under separate chassis coverage available for purchase.

\*\*\*Air Compressor for GHG14 covered under EW2 package. Air Compressor for EPA10 covered under EW3 package.

Note: Component line is not inclusive. This list is intended as an overview only and specification are subject to change without notice.