

**ABOUT THE MERCEDES 2.7L ENGINE**

ISSUE: SP27-C

The Mercedes-Benz 2.7L is an inline 5 cylinder diesel engine produced for Mercedes, Dodge, and Freightliner for primarily the Sprinter Van.

Reviva now has the model OM612 and OM647 available in a long block supreme version for model years 2001-2006 and a drop-in for the OM647.

**ENGINE IDENTIFICATION:**

- Provide complete Vehicle Identification Number

Vin sample: **WD3PD141X45156843**

Character 7&8 denotes the Model:

- 41=2.7L Diesel 612 (ME9)
- 42=2.7L Diesel 612 (MF1)
- 43=2.7L Diesel 647 (MCO)
- 44=2.7L Diesel 647 (MF2)

**CONFIGURATIONS:**

- OM612 - Long Block Supreme
- OM647 - Long Block Supreme & Complete Drop-In

**ABOUT REVIVA'S SPRINTER ENGINES**

- Assembled in the USA.
- Reviva replaces 100% internal wear items including rings, bearings, bushings, gaskets, lifters and seals.
- Reviva matched OEM requirements for piston type depending upon HP and application.
- Core plugs are 100% stainless steel to avoid corrosion.
- Blocks, heads and crankshafts are 100% magnaflux tested to avoid cracked components.
- Connecting rods have new bushings installed and both large and small end are remachined to OEM specifications.
- Crankshaft is checked for size, reground, if necessary, and micro-polished to OEM specifications.



Mercedes OM647  
2.7L

**LONG BLOCK SUPREME INCLUDES:**

- |                             |                    |
|-----------------------------|--------------------|
| • Block                     | • Crankshaft       |
| • Rods                      | • Valve train      |
| • Piston assemblies         | • Camshaft         |
| • Cylinder Head             | • Gasket set       |
| • Gear housing & front seal | • Oil pump         |
| • Oil cooler                | • Oil pan          |
| • Water pump                | • Flywheel Housing |
| • Camshaft cover            | • Front Dampner    |
| • Oil Filter                |                    |

**COMPLETE DROP-IN INCLUDES:**

Long block supreme plus

- |                           |                               |
|---------------------------|-------------------------------|
| • Lift Pump               | • Low and High Pressure Lines |
| • Fuel Filter             | • Turbocharger                |
| • Intake Manifold         | • Valve Cover                 |
| • High Pressure Fuel Pump | • Injectors                   |
| • Thermostat              | • Exhaust Manifold            |
| • EGR Valve               | • Flywheel                    |
| • Idle Pulley             | • Sensors and Switches        |
|                           | • Wiring Harness              |

**Warranty Coverage**

On-Road Complete Drop-In configurations: 2yr/unlimited mileage. 2nd year long block coverage only.  
Transit applications 1 year. Off-Road Complete Drop-In configurations: 1yr/2,000 hours.  
Long Blocks (all): 1 year.

Some restrictions apply, see limited warranty details or call for more information.