

Mercedes-Benz Emission Related Components MY 2014 - BlueTEC Diesel Engine with Diesel Exhaust Fluid (DEF)¹

I. Air Induction System

Air Cleaner Housing
Intake Port Shutoff
Electric Intake Air Throttle (with Throttle Valve Step)
Charge Air Cooler
Turbocharger
Charge Air Distribution Line

II. Fuel Metering System

Fuel Rail
Fuel Injector
Fuel Filter
High Pressure Pump
Fuel Pump (Electric)
Fuel Rail Pressure Sensor
Fuel Pressure Regulator

III. Ignition System

Glow Plug
Glow Time Control Module

IV. Exhaust Gas Recirculation Sys.

EGR Valve
EGR Cooler
EGR Line

V. Positive Crankcase Ventilation

Crankcase Ventilation Valve/Line
Oil Filler Cap

VI. Fuel Evaporative Control

Fuel Filler Neck (without Expansion Tank)
Fuel Tank (with Integrated Vent Valve and Fill Neck)
Fuel Tank Vent Valve

VII. Exhaust / Diesel Exhaust Fluid (DEF) System

Exhaust Manifold
DEF Delivery Pump (with Pressure Sensor)
DEF Injection Valve
DEF Tank (with Temperature Sensor and Fluid Level Gauge)
Diesel Oxidation Catalyst (and/or Diesel Particulate Filter*)
Selective Catalytic Reduction Catalyst*
DEF Line

VIII. Eng. Emiss. Control Sys. Sens.

Engine Control Module *
Transmission Control Module
O₂ Sensors
Engine Coolant Temperature Sensor
Charge Air Pressure Sensor
Manifold Air Pressure Sensor
Crankshaft Position Sensor
Camshaft Position Sensor
Front Vehicle Speed Sensor
Rear Vehicle Speed Sensor
Charge Air Temperature Sensor
Exhaust Back Pressure Sensor
Exhaust Differential Pressure Sensor
Heated Cooling Water Thermostat
Exhaust Gas Temperature Sensor
Mass Airflow Sensor (with Integrated Intake Air Temperature Sensor)
DEF Control Module
Fuel Temperature Sensor
NO_x Sensor
Particulate Matter Sensor

IX. On-Board Diagnostics

Instrument Cluster *

¹ - If applicable to this model.

* These items are warranted for 8 years/ 130,000 km (whichever comes first); all other parts are warranted for 2 years / 40,000 km (whichever comes first).