

Engine Sensor Locations

M-200-002

(November 2008)

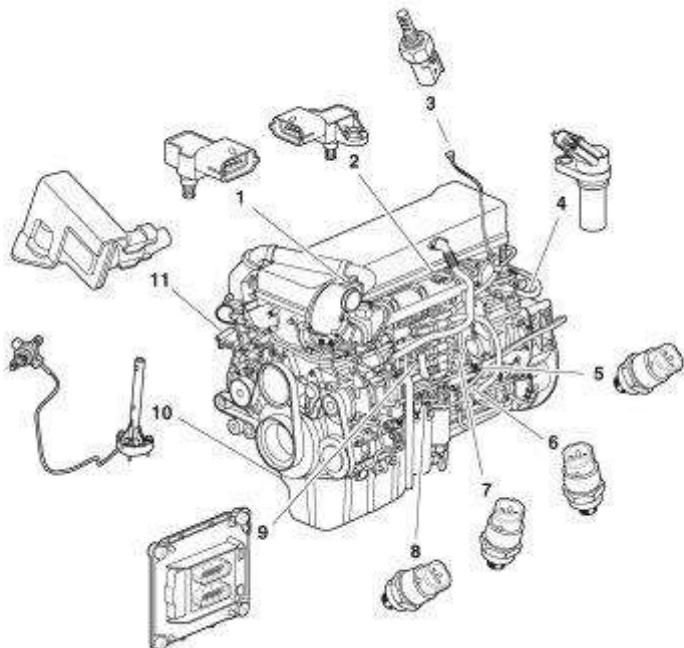
Valid for

Mack MP7 (US07 only) and MP8 engines.

Case description

Locations and part numbers for sensors used on MACK MP7 (US07 only) and MP8 engines are outlined in the following illustrations and part number tables.

MP8 Engine Sensor Locations (Left Side)



Key	Qty.	Part number	Description
1	1	20524936	Boost Pressure Sensor
2	1	20524936	Boost Temperature Sensor
3	1	20738963	Inlet Humidity/Temperature Sensor
4	1	20513343	Crankshaft Speed Sensor (Requires shim 20556179)
5	1	20796744	Crankcase Pressure

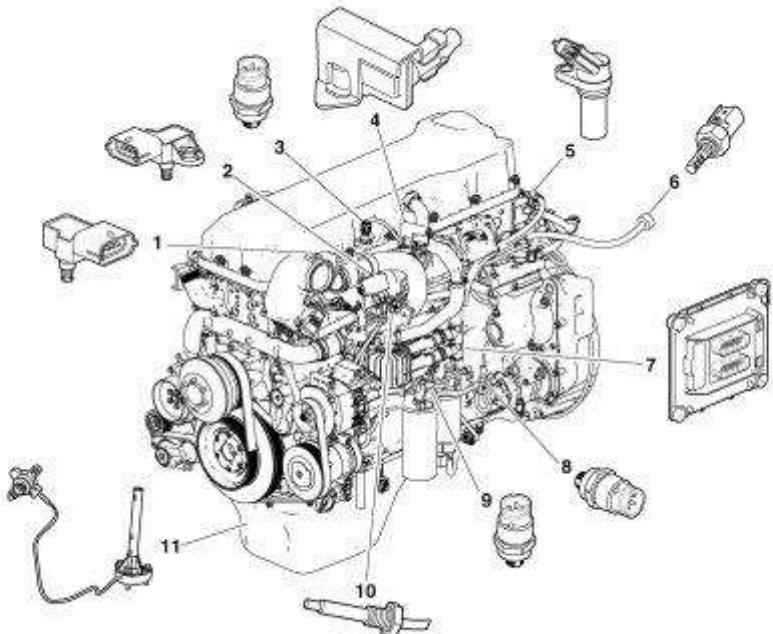
Sensor			
6	1	20898038	AHI Fuel Pressure
7	1	20886108	Oil Pressure Sensor
8	1	20898038	Fuel Pressure Sensor
9	1	N/A	Barometric Pressure Sensor (integral part of the EECU)
10	1	21042447	Oil Level/Temperature Sensor
11	1	20930137	EGR Differential Pressure Sensor

MP8 Engine Sensor Locations (Right Side)



Key	Qty.	Part number	Description
1	1	20513343	Camshaft Position Sensor (Requires shim 20556179)
2	1	21010707	EGR Temperature Sensor
3	1	20513340	Coolant Temperature Sensor
4	1	20837313	Turbocharger Wheel Speed Sensor

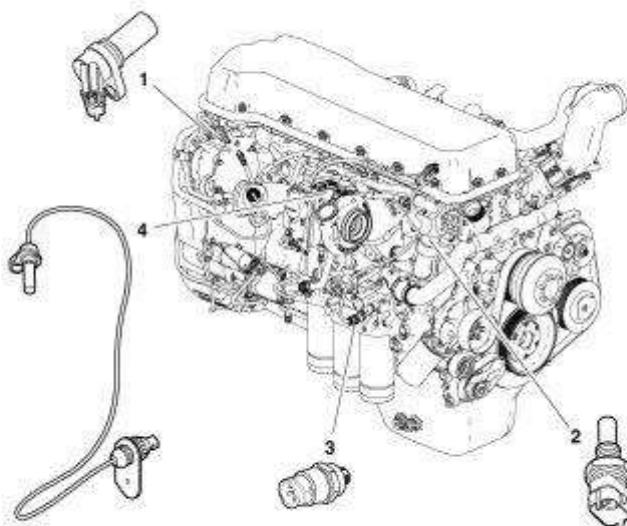
MP7 Engine Sensor Locations (Left Side)



Key	Qty.	Part	Description
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		number	
1	1	20524936	Boost Pressure Sensor
2	1	20524936	Boost Temperature Sensor
3	1	20796744	Crankcase Pressure Sensor
4	1	20930137	EGR Differential Pressure Sensor (For US04, sensor was located on the front right area of engine)
5	1	20513343	Crankshaft Speed Sensor (Requires shim 20556179)
6	1	20738963	Inlet Humidity/Temperature Sensor
7	1	N/A	Barometric Pressure Sensor (integral part of the EECU)
8	1	20898038	AHI Fuel Pressure (used with catalyzed DPF system only)
9	1	20898038	Fuel Pressure Sensor
10	1	21010707	EGR Temperature Sensor
11	1	21042447	Oil Level/Temperature Sensor

MP7 Engine Sensor Locations (Right Side)



Key	Qty.	Part number	Description
1	1	20513343	Camshaft Position Sensor (Requires shim 20556179)
2	1	20513340	Coolant Temperature Sensor
3	1	20886108	Oil Pressure Sensor
4	1	20837313	Turbocharger Wheel Speed Sensor

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