



(Also applies to Mack Trucks Australia)  
(Supersedes SB273014 dated 05/28/08)

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11/19/08    **SB273014**        1(4)

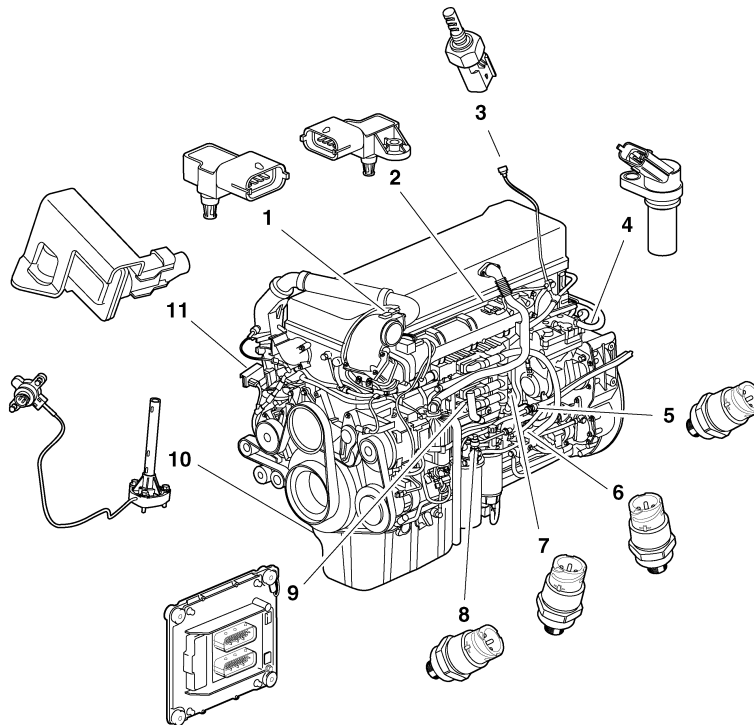
## Engine Sensor Locations

MP7, MP8

### SB273014, Engine Sensor Locations

(November 2008)

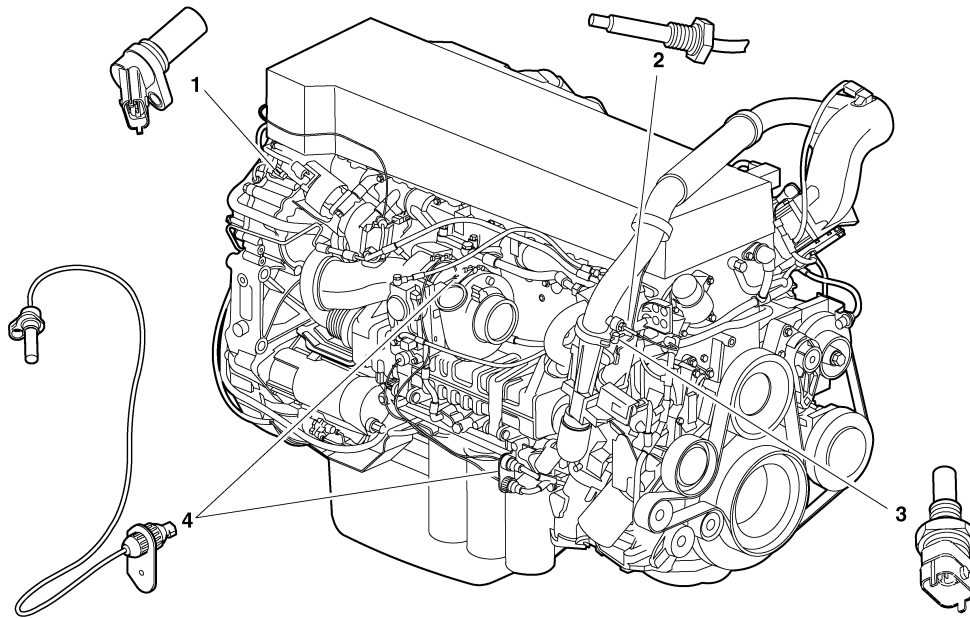
Locations and part numbers for sensors used on MACK MP7 (US07 only) and MP8 engines are outlined in the following illustrations and part number tables.



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Figure 1 — MP8 Engine Sensor Locations (Left Side)

Key	Qty.	Part No.	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

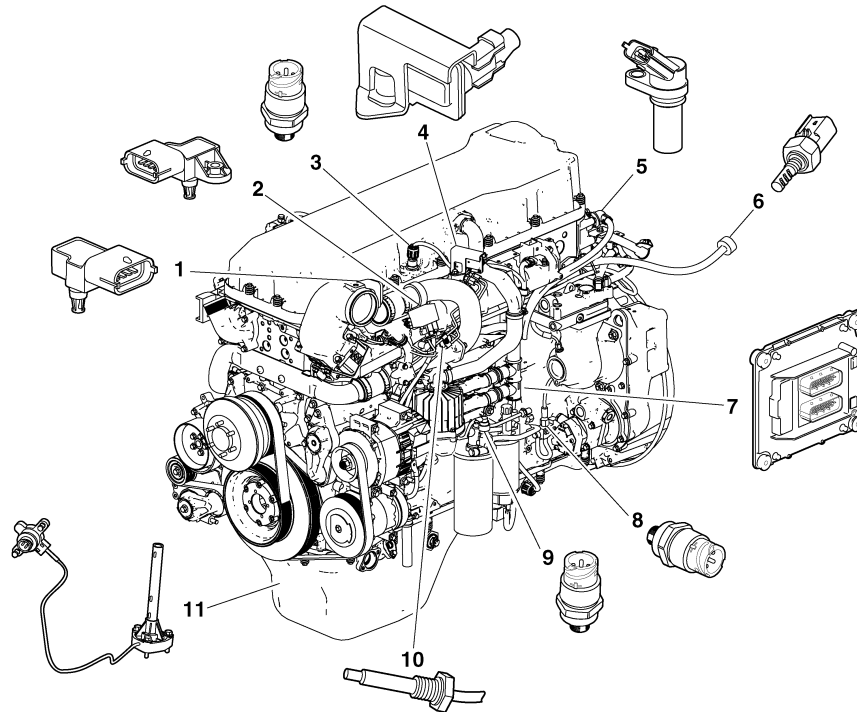


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**Figure 2 — MP8 Engine Sensor Locations (Right Side)**

Key	Qty.	Part No.	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

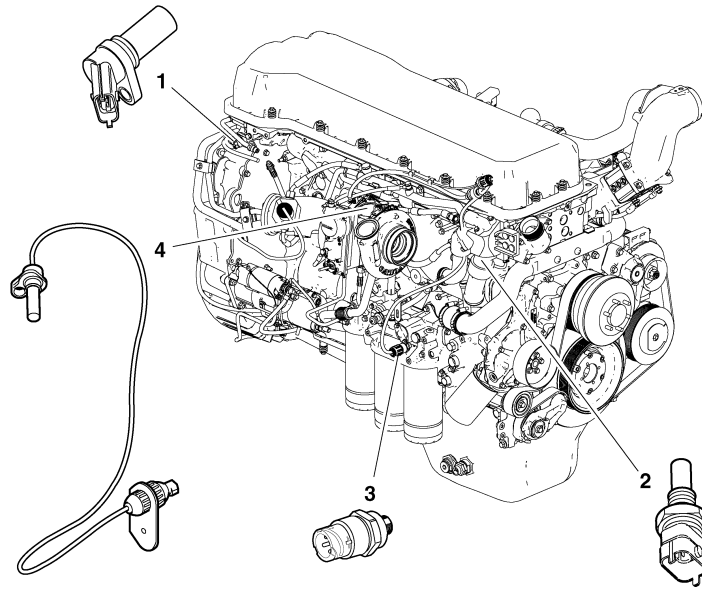
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**Figure 3 — MP7 Engine Sensor Locations (Left Side)**

Key	Qty.	Part No.	Description
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



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**Figure 4 — MP7 Engine Sensor Locations (Right Side)**

Key	Qty.	Part No.	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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