



# INTERSTATE-McBEE



## New Replacement Engine Sensors

for Caterpillar®, Cummins®, Detroit Diesel®, and Navistar® engine applications.

As engines continue to become more complex, sensors have become an increasingly crucial component for proper performance. When operating properly, the sensors feed important data to the ECM (Engine Control Module), which regulates and constantly adjusts many of the basic engine functions. When not operating properly, they can send data that may cause the engine to operate at less than optimal.

### Six Basic Sensor Types:

1. **Position** - Monitors crankshaft or camshaft for proper timing
2. **Pressure** - Monitors the fuel system, turbo boost and ambient air
3. **Temperature** - Monitors coolant, oil or air temperature
4. **Speed** - Monitors the rotational speed of the engine or components
5. **Combination** - Monitors pressure and/or temperature
6. **Sensor Switch** - Functions much the same as a sensor and monitors temperature, pressure, or levels but has a pre-programmed action that engages upon reaching a determined factor

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### SERVING THE DIESEL AND NATURAL GAS INDUSTRY FOR OVER 75 YEARS

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Santa Fe Springs, CA 90670  
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#### WORLD HEADQUARTERS

7440 Oak Leaf Rd.  
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#### NEBRASKA

6200 Arbor Rd.  
Lincoln, NE 68517  
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Engine App	Part Number	Type	Function
3500	M-2746717	Pressure	Atom. Air
3406E/C15/ C16	M-1611704	Pressure	Low Pressure
	M-2244536	Pressure	Injection Actuation
	M-2644297	Temperature	Aftercooler
	M-2842728	Pressure	Oil/Fuel
General Use	M-1946722	Air Pressure	Oil
	M-1946724	Pressure	Intake Manifold
	M-1946725	Pressure	Oil
	M-2454630	Speed Group	Timing
	M-2566453	Temperature	Coolant
	M-2746718	Pressure	Air
	M-2746719	Oil Pressure	Oil
DD15	A-A0071530828	Pressure	Oil
	A-A4721530028	Pressure	Exhaust
	A-23514708	Temperature	Coolant
S60	A-23515251	Temperature	Oil
	A-23518092	Temperature	Oil
	A-23520380	Temperature	Coolant
	A-23522322	Air Pressure	Turbocharger
	A-23527338	Position	SRS
	A-23527339	Position	TRS
	A-23527828	Pressure	Oil
	A-23527830	Temperature	Oil
	A-23531531	Speed	Turbocharger
	A-23532797	Pressure	Oil
	A-8929387	Position	SRS
	A-8929388	Position	TRS
DT466E	M-1807369C2	Pressure	Oil
	M-1830669C92	Pressure	Injection Control
	M-1835985C92	Position	Cam/Crank
	M-1840078C1	Pressure	Oil
	M-1885812C91	Position	Camshaft

Engine App	Part Number	Type	Function
B/ISB/QSB	M-4076930	Pressure	Oil
	M-4921503	Pressure	Map
C/ISC/QSX/ ISL/QSL	M-4088832	Temperature	Coolant
	M-4921495	Fuel Pressure	Fuel
	M-4921728	Pressure	EGR Differential
	M-4921730	Pressure	DPR Differential
	M-4928593	Pressure	Map
General Use	M-2872277	Position	Cam/Crank
	M-3085185	Temperature	Intake Manifold
	M-3613547	Temperature	Coolant
	M-3865312	Temperature	Coolant or Oil
	M-4326596	Position	Cam/Crank
	M-4921487	Pressure	Oil
	M-4921501	Position	Intake Manifold
	M-4921517	Pressure	Oil
	M-4921597	Position	Cam/Crank
	M-4954905	Temperature	Coolant or Oil
ISX/QSX	M-2872279	Position	Cam/Crank
	M-2897333	Pressure Temperature	Intake Manifold
	M-4921473	Pressure Temperature	Intake Manifold
	M-4921475	Temperature	Oil
	M-4921499	Pressure	Fuel
	M-4921599	Position	Cam/Crank
	M-4928594	Pressure	Exhaust Gas
	M-4076493	Pressure	Ambient Air
L10/M11/ISM/ QSM	M-4921477	Pressure Temperature	Oil
	M-4921493	Pressure	Intake Manifold
NT-N14	M-3408345	Temperature	Coolant or Intake Manifold

Interstate-McBee has put each of these items through rigorous quality assurance and field testing to ensure our customers the highest quality product. As always, every sensor purchased from Interstate-McBee comes with our comprehensive 2 year unlimited mileable/hours warranty.



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