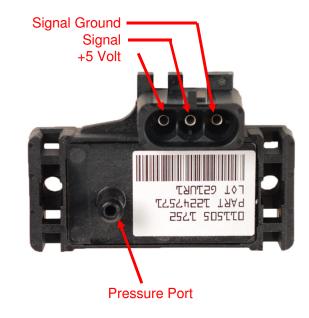


AN101 – Application Note SE-MAP-002 MAP Sensor Configuration (GM 2-Bar Sensor) Release Date 1/11/12

Firmware/Software Version:	All
Vehicle:	Used as original equipment on GM forced induction vehicles during the 1980s and 1990s.
Additional Notes:	2-Bar MAP sensor can be used for forced induction applications up to 2 bar (29 PSI). This sensor can measure up to 15 PSI of boost.
	Pressure port connects to intake manifold via rubber hose.



Sensor Configuration Details		
Supply Voltage:	+5 volts from ECU	
Standard Calibration: (See Figure)	Press (kPa) at 0.5 volts = 28.0 Press (kPA) at 4.5 volts = 188.0	
Connectivity:	See Figure	
Special Features:	None	

Sensor Setup in peMonitor

MAP —		
2 Atm - GM Sensor 16009886		
Low Out Of Range Limit (psi)	1.0	
High Out Of Range Limit (psi)	27.0	
Pressure (kPa) at 0.5 (V)	28.0	
Pressure (kPa) at 4.5 (V)	188.0	
Filter	Off 🔻	