

**BAR PRESSURE SENSOR VOLTAGE REFERENCE — 1 to 6 BAR  
(Voltage / KPA / PSI)**

1 BAR			2 BAR			3 BAR		
Voltage (V)	KPA	PSI	Voltage (V)	KPA	PSI	Voltage (V)	KPA	PSI
0.50	100.0	0.00	0.50	0.0	-14.50	0.50	0.0	-14.50
0.77	93.0	-0.97	0.77	13.0	-12.60	0.77	20.0	-11.60
1.03	87.0	-1.93	1.03	27.0	-10.60	1.03	40.0	-8.70
1.30	80.0	-2.90	1.30	40.0	-8.70	1.30	60.0	-5.80
1.57	73.0	-3.87	1.57	53.0	-6.80	1.57	80.0	-2.90
1.83	67.0	-4.83	1.83	67.0	-4.80	1.83	100.0	0.00
2.10	60.0	-5.80	2.10	80.0	-2.90	2.10	120.0	2.90
2.37	53.0	-6.77	2.37	93.0	-1.00	2.37	140.0	5.80
2.63	47.0	-7.73	2.63	107.0	1.00	2.63	160.0	8.70
2.90	40.0	-8.70	2.90	120.0	2.90	2.90	180.0	11.60
3.17	33.0	-9.67	3.17	133.0	4.80	3.17	200.0	14.50
3.43	27.0	-10.63	3.43	147.0	6.80	3.43	220.0	17.40
3.70	20.0	-11.60	3.70	160.0	8.70	3.70	240.0	20.30
3.97	13.0	-12.57	3.97	173.0	10.60	3.97	260.0	23.20
4.23	7.0	-13.53	4.23	187.0	10.60	4.23	280.0	26.10
4.50	0.0	-14.50	4.50	200.0	14.50	4.50	300.0	29.00

4 BAR			5 BAR			6 BAR		
Voltage (V)	KPA	PSI	Voltage (V)	KPA	PSI	Voltage (V)	KPA	PSI
0.50	0.0	-14.50	0.50	0.0	-14.50	0.50	0.0	-14.50
0.77	27.0	-10.60	0.77	33.0	-9.70	0.77	40.0	-8.70
1.03	53.0	-6.80	1.03	67.0	-4.80	1.03	80.0	-2.90
1.30	80.0	-2.90	1.30	100.0	0.00	1.30	120.0	2.90
1.57	107.0	1.00	1.57	133.0	4.80	1.57	160.0	8.70
1.83	133.0	4.80	1.83	167.0	9.70	1.83	200.0	14.50
2.10	160.0	8.70	2.10	200.0	14.50	2.10	240.0	20.30
2.37	187.0	12.60	2.37	233.0	19.30	2.37	280.0	26.10
2.63	213.0	16.40	2.63	267.0	24.20	2.63	320.0	31.90
2.90	240.0	20.30	2.90	300.0	29.00	2.90	360.0	37.70
3.17	267.0	24.20	3.17	333.0	33.80	3.17	400.0	43.50
3.43	293.0	28.00	3.43	367.0	38.70	3.43	440.0	49.30
3.70	320.0	31.90	3.70	400.0	43.50	3.70	480.0	55.10
3.97	347.0	35.80	3.97	433.0	48.30	3.97	520.0	60.90
4.23	373.0	39.60	4.23	467.0	53.20	4.23	560.0	66.70
4.50	400.0	43.50	4.50	500.0	58.00	4.50	600.0	72.50

**EXTENDED BAR PRESSURE SENSOR  
VOLTAGE REFERENCE — 8 & 10 BAR  
(Voltage / KPA / PSI)**

8 BAR			10 BAR		
Voltage (V)	KPA	PSI	Voltage (V)	KPA	PSI
0.50	0.0	-14.50	0.50	0.0	-14.50
0.77	53.3	-6.80	0.77	66.7	-4.80
1.03	106.7	1.00	1.03	133.3	4.80
1.30	160.0	8.70	1.30	200.0	14.50
1.57	213.3	16.40	1.57	266.7	24.20
1.83	266.7	24.20	1.83	333.3	33.80
2.10	320.0	31.90	2.10	400.0	43.50
2.37	373.3	39.60	2.37	466.7	53.20
2.63	426.7	47.40	2.63	533.3	62.80
2.90	480.0	55.10	2.90	600.0	72.50
3.17	533.3	62.80	3.17	666.7	82.20
3.43	586.7	70.60	3.43	733.3	91.90
3.70	640.0	78.30	3.70	800.0	101.50
3.97	693.3	86.10	3.97	866.7	111.20
4.23	746.7	93.80	4.23	933.3	120.90
4.50	800.0	101.50	4.50	1000.0	130.50

**Red = 5V**

**Black = Sensor Ground from ECU or Data Logger. (NOT Chassis Ground!)**

**Yellow = Sensor Signal**

**View Looking into FRONT of Connector.**

