



ATS Pressure Transducer Chart +/-25" H₂O

Transducer	Typical Voltage Offset	Conversion Multiplier
+/-25" H ₂ O (Tailpipe Sensor)	2.25 V	pos values (H ₂ O/14.05) + 2.25 = voltage neg values 2.25 - (H ₂ O/14.05) = voltage

The +/-25" H₂O Pressure Transducer will convert physical pressure to a voltage reading. This voltage reading will need to be converted from voltage to pressure. The following chart converts the voltage readings into the actual pressure value.

Voltage must be set to 2.25 V for reading to be valid.

4.25V = 28.10H2O	2.85V = 8.43H2O	1.45V = -11.24H2O
4.15V = 26.70H2O	2.75V = 7.03H2O	1.35V = -12.65H2O
4.05V = 25.29H2O	2.65V = 5.62H2O	1.25V = -14.05H2O
3.95V = 23.89H2O	2.55V = 4.22H2O	1.15V = -15.46H2O
3.85V = 22.48H2O	2.45V = 2.81H2O	1.05V = -16.86H2O
3.75V = 21.08H2O	2.35V = 1.41H2O	0.95V = -18.27H2O
3.65V = 19.67H2O	2.25V = 0.00H2O	0.85V = -19.67H2O
3.55V = 18.27H2O	2.15V = -1.41H2O	0.75V = -21.08H2O
3.45V = 16.86H2O	2.05V = -2.81H2O	0.65V = -22.48H2O
3.35V = 15.46H2O	1.95V = -4.22H2O	0.55V = -23.89H2O
3.25V = 14.05H2O	1.85V = -5.62H2O	0.45V = -25.29H2O
3.15V = 12.65H2O	1.75V = -7.03H2O	0.35V = -26.70H2O
3.05V = 11.24H2O	1.65V = -8.43H2O	0.25V = -28.10H2O
2.95V = 9.84H2O	1.55V = -9.84H2O	

WARNING! This sensor's maximum limit is 25" H₂O. This limit should not be exceeded. Damage to the sensor will result. BODILY INJURY or DEATH could also result.