

SpeedFactory MAP Sensor Data

2.5 Bar Map Sensor

Hondata or Neptune Settings:

Scalar(mBar/volt):504

Offset(mbar):70

Crome Settings:

Min: 100 mbar

Max: 2590 mbar

Koeov: 1.83 volts

3 Bar Map Sensor

Hondata or Neptune Settings:

Scalar: 617

Offset: 11

Crome Settings:

Min: 11.1 mbar

Max: 3040 mbar

Koeov: 1.65 volts

4 Bar Map Sensor

Hondata or Neptune Settings:

Scalar: 838

Offset: 31

Crome Settings:

Min: 34.7 mbar

Max: 4000 mbar

Koeov: 1.23 volts

AEM Settings:

MIN=0

MAX=4.8

LOAD OFF SET=0

LOAD SCALAR=4.0

7 Bar Map Sensor

Scalar: 1582

Offset: -351

Voltage to pressure (KPA) conversion

P= pressure in KPA 4 bar = 400 KPA

Voltage out/signal = $5 \times (.002421 \times P - .00842)$

Atmosphere equals 1 bar or 100 KPA = $5 \times (.002421 \times 100 - .00842) = 1.168$ volts @ 1 bar or 100 KPA

1bar = 100KPA = 14.5PSI = 1000millibar