

Intake Manifold Absolute Pressure (MAP) Sensor

Objective:

Check operation of the intake manifold absolute pressure sensor.

Measurement:

Plot of voltage at the signal output of the intake manifold absolute pressure sensor.

Preparation:

Switch off the engine and ignition.

Connections:

INPUT A	COM/TRIGGER	INPUT B
Connect the red measurement lead and the black ground lead to of the plug connector to the intake manifold absolute pressure sensor to the terminals according to the table below.		

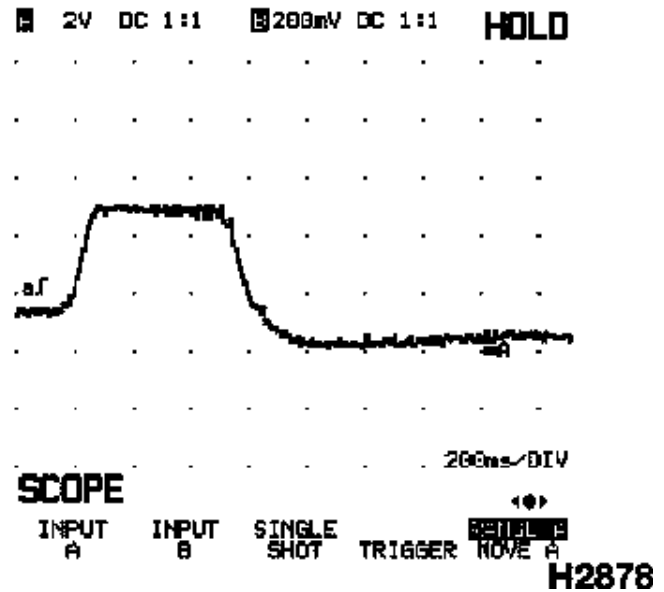
Engine	Red measurement lead	Black ground lead
Z20NET	3	2
6VD1	A	C
Other engines	4	1

Procedure Tech 31:

1. Download Reference curve.
2. Start the engine and allow it to idle.
3. Depress the accelerator pedal quickly down to the limit stop and immediately release it again. The measurement should not take longer than half a second.

Reference Curve:





Procedure Tech 32:

1. Download Setup file (the Tech 32 uses only Setup files, no reference curves).
2. Start engine and allow it to idle.
3. Depress the accelerator pedal quickly down to the limit stop and immediately release it again. The measurement should not take longer than half a second.



Setup File:

Reference Curve:

