

SIRHC LABS

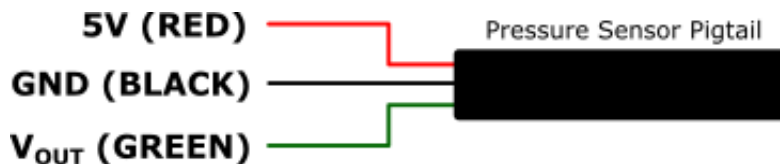
WATER/METHANOL PRESSURE SENSOR INSTALLATION INSTRUCTIONS

Revision 1.0.0

NOTE: CORTEX CONFIG VERSION 5.0.0 OR HIGHER IS REQUIRED TO USE WMI PRESSURE SENSOR WITH THE CORTEX EBC

PRESSURE SENSOR ONLY WIRING DIAGRAM

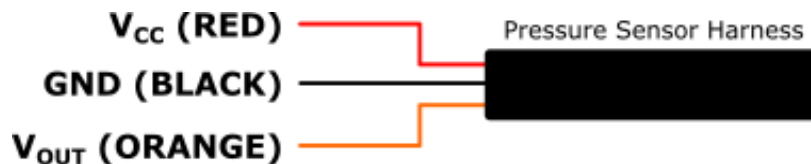
If you are using a SIRHC Labs Water Methanol Pressure Sensor **without** regulated harness use the following diagram for installation. For Cortex EBC installations connect the output of the pressure sensor to the General Purpose Input (GPI) on the Cortex EBC wiring harness.



5V	Connect to switched/fused +5V power.
GND	Connect to clean chassis ground.
V_{OUT}	Cortex EBC: Connect to General-Purpose Input wire on Cortex EBC wiring harness (orange wire). Other Applications: Connect to analog input on ECU/ECM/PCM.

PRESSURE SENSOR WITH 5V REGULATED HARNESS WIRING DIAGRAM

If you are using a SIRHC Labs Water Methanol Pressure Sensor **with** regulated harness use the following diagram for installation. For Cortex EBC installations connect the output of the pressure sensor to the General Purpose Input (GPI) on the Cortex EBC wiring harness (connect orange wires on each harness).



V_{CC}	Connect to switched/fused +12V power.
GND	Connect to clean chassis ground.
V_{OUT}	Cortex EBC: Connect to General-Purpose Input wire on Cortex EBC wiring harness (orange wire). Other Applications: Connect to analog input on ECU/ECM/PCM.

SENSOR INSTALLATION

The pressure sensor should be installed between the water/methanol solenoid or flow check valve and nozzle. If using the flow sensor with the Cortex EBC injection pressure can be viewed on the Cortex EBC by setting the display parameter to **inJ** (injection) or viewed in the logger portion of the software by adding **WMI Pressure** to the list of displayed logger parameters.