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Omni 3 B MAP Sensor Installation – MX5 06-15



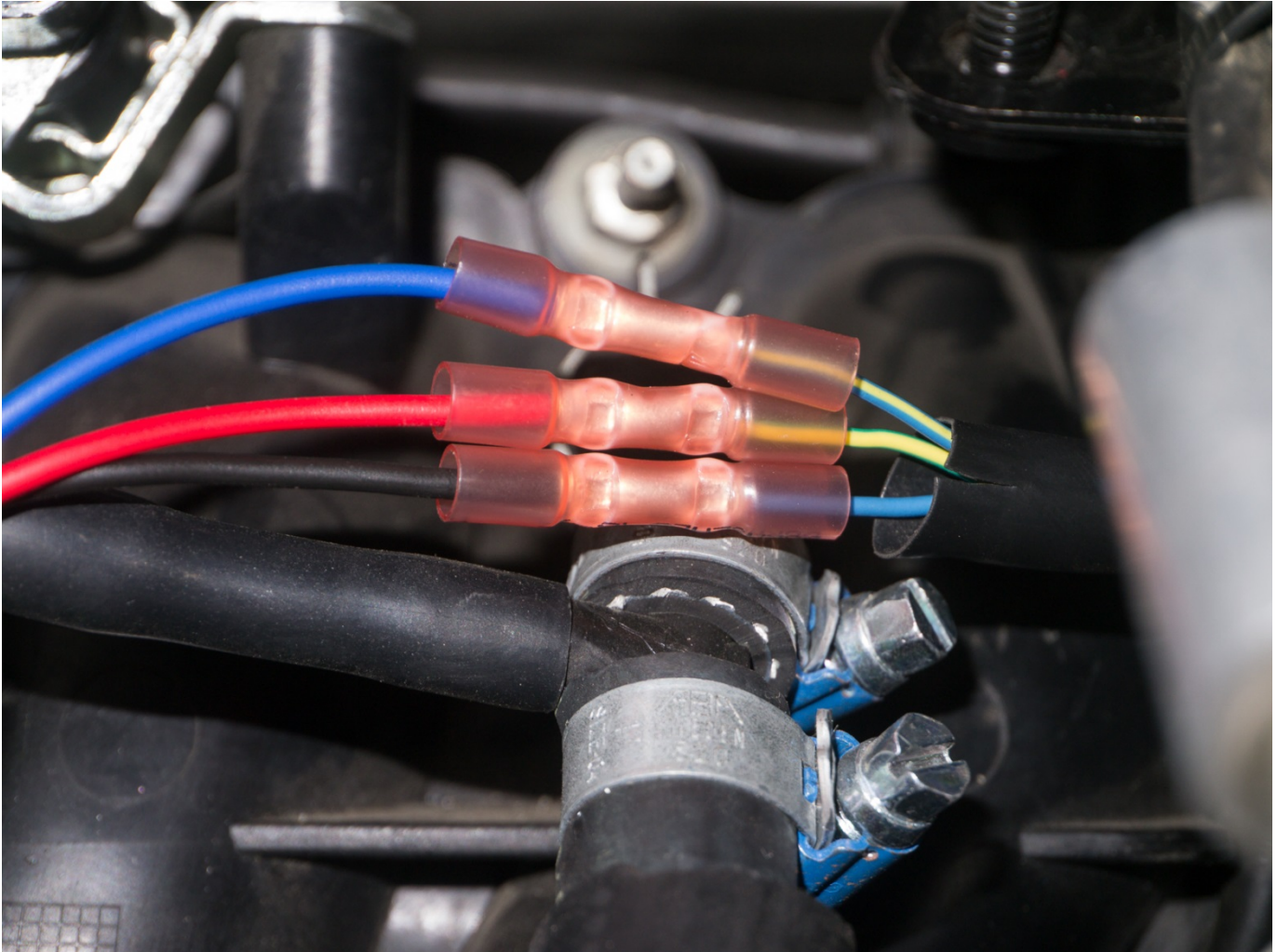
Step 1: Locate MAP sensor connector harness

Feel for where the wire goes, and cut the wire right at where the sheath ends, about 2-3" away from the MAP sensor. You can see in the image that the 3 wires are visible, blue, blue/yellow, and green/yellow.



Step 2: Splice

Using butt connectors (or soldering,) attach the sensor pigtail to the OEM harness. See the image for layout. Blue is ground, red goes to yellow/green (hot), and signal is blue to blue/yellow. Make sure the connector is tight.



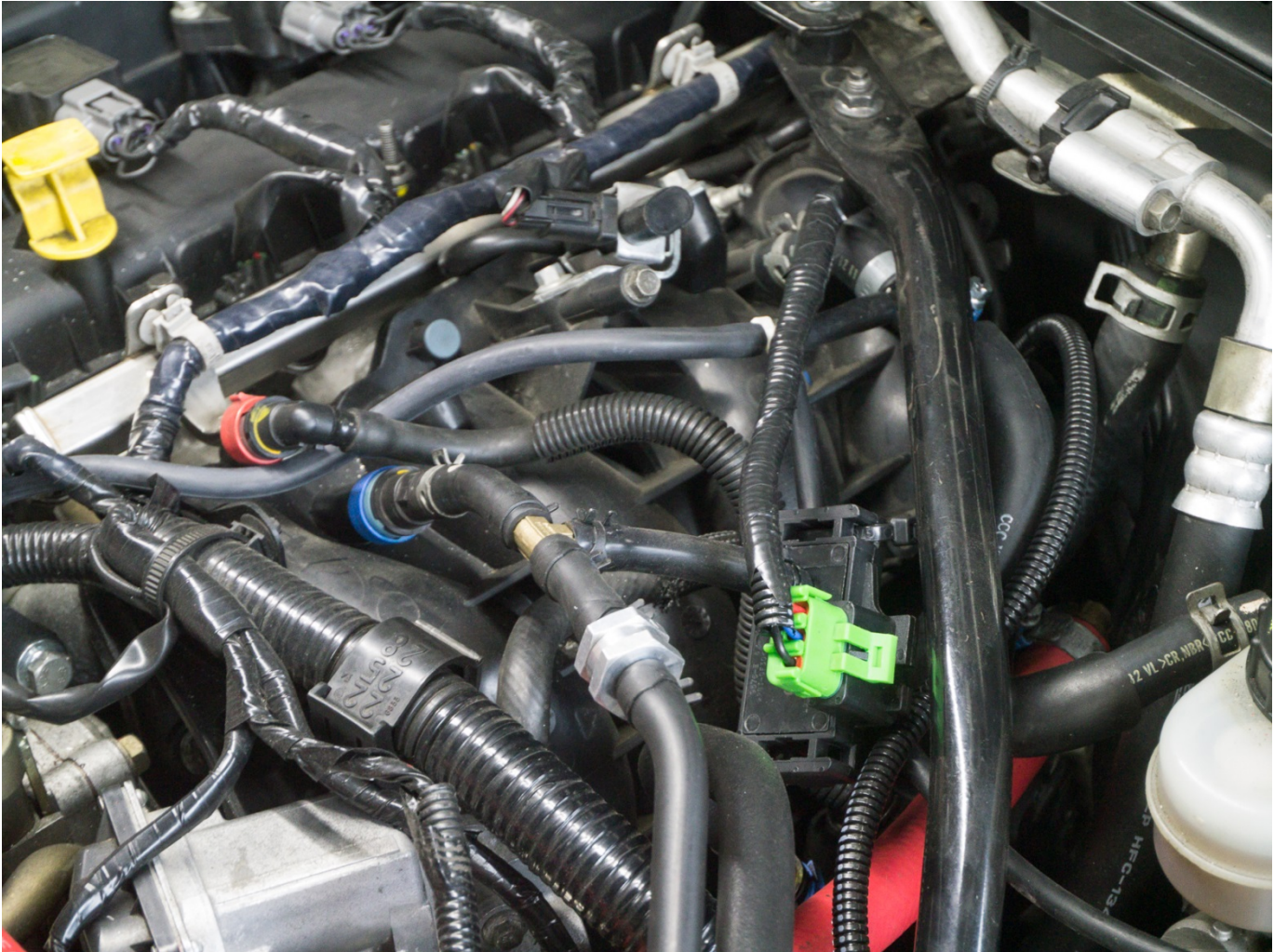
Step 3: Finish

Using a heat gun (do not put an open flame by the fuel line!) allow the butt connectors to shrink until the glue starts to flow. This will secure the wiring.



Step 4: Secure

Secure the sensor in a way that the wiring is not being pulled taught. The signal should be in an independent place and past the throttle body. We are using the EVAP line here in this case, before the solenoid and check valve. DO NOT place it in the same circuit as the compressor outlet if using a turbo. The EVAP line is the best choice for this due to the barb size and independent nature. You can use some loom covered with electrical tape to make it look as OEM as possible.



Step 5: Tune

The vehicle must be tuned for the MAP sensor. Use .63v for the scalar, 0 offset on the MX5. Otherwise that is it!