

MaxxECU

engine management

MaxxECU Plugin - Engine Specifics BMW M50B25

2015-10-16

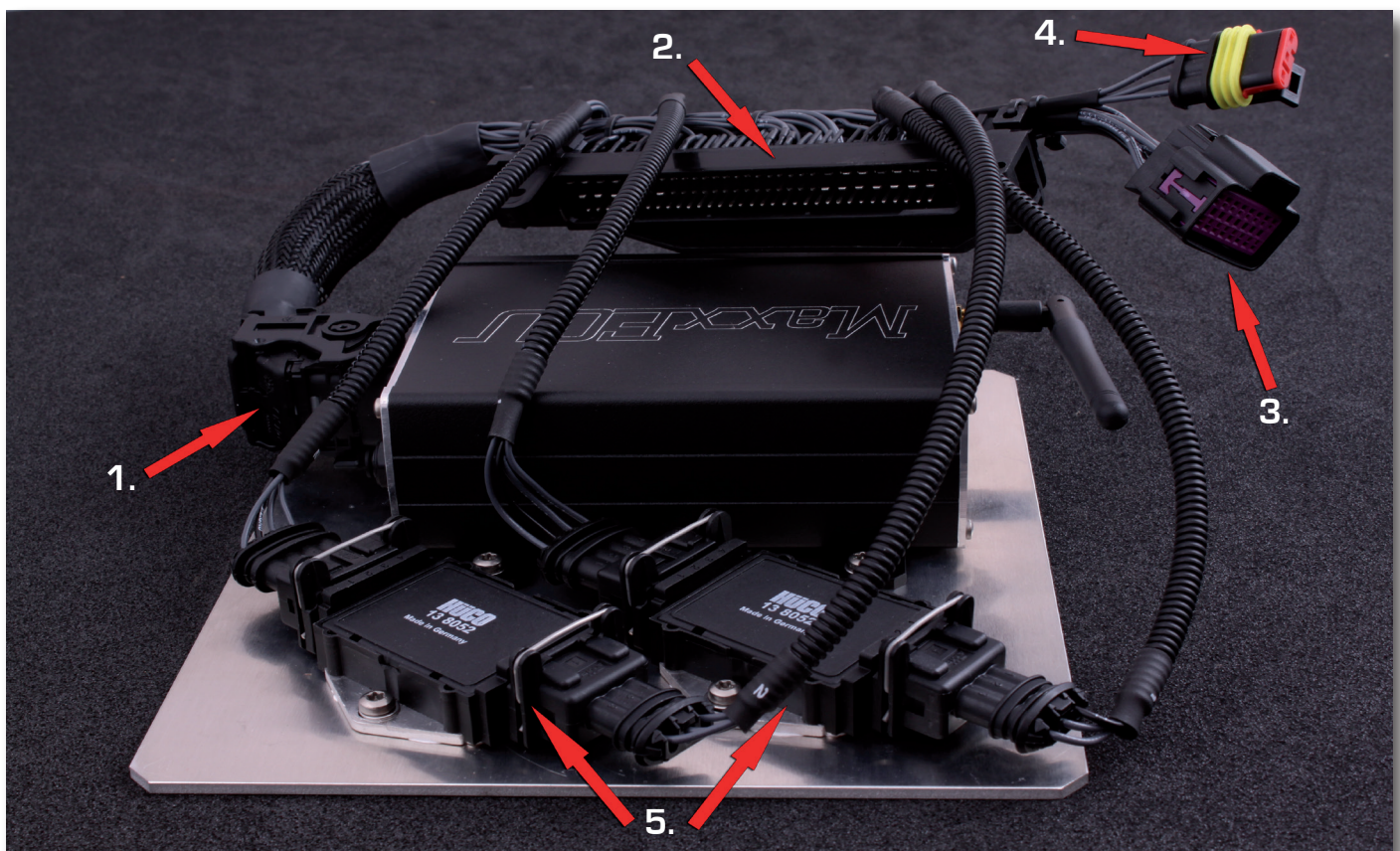


Fig 1 - MaxxECU Plug kit consist of the following parts:

1. MaxxECU CMC connector
2. Vehicle harness adapter.
3. 16-pin extra connector.
4. 3-pin connector for extra 0-5v sensor (ex. pressure sensor).
5. Ignition modules.

ECU installation

Stock Engine Control Unit (ECU) on this vehicle is mounted in engine bay.

- Remove black large plastic guard, where the ECU is located.
- Disconnect the stock ECU from vehicle harness connector.
- Install MaxxECU harness into vehicle harness connector.
- Install included MAP-sensor into engine manifold with included hose kit.

16-pin connector

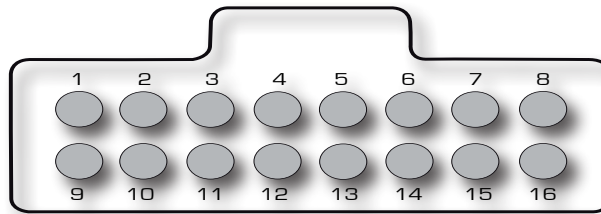


Fig 2 - Extra connector (3) seen from cable side.

- 1: Wideband.
- 2: Wideband.
- 3: Wideband.
- 4: Wideband.
- 5:
- 6:
- 7:
- 8: GPO 5 (output)

- 9: Wideband.
- 10: Wideband.
- 11: Wideband.
- 12: +12V (output).
- 13: GND.
- 14: AIN 1 (temperature / switch) (input).
- 15: AIN 2 (temperature / switch) (input).
- 16: AIN 3 (0-5V) (input).

Extra inputs.

MaxxECU Plugin has 4 extra flexible inputs.
 AIN 1, temp sensor or switches.
 AIN 2, temp sensor or switches.
 AIN 3, 0-5V input.
 AIN 4, 0-5V input. Extra 3-pin connector (4).

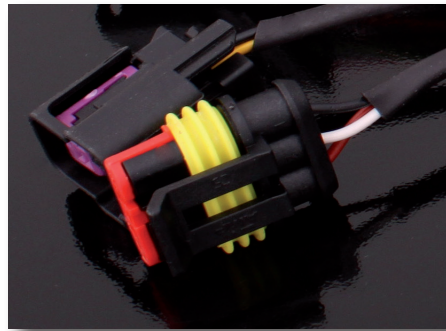
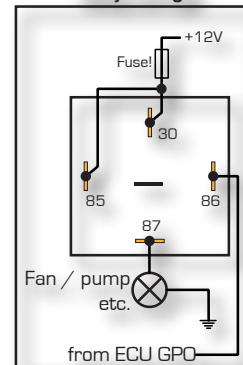


Fig 3 - 3-pin Superseal connector.
 1: Signal GND.
 2: AIN 4 (0-5V) input.
 3: +5V from ECU.

Extra outputs.

MaxxECU Plugin offers 1 extra output for flexible control like boost control, fan control.
 GPO 5 (GND switched outputs).

Relay wirings



Plugin Trigger

Uses stock trigger system.