MaxxECU

engine management
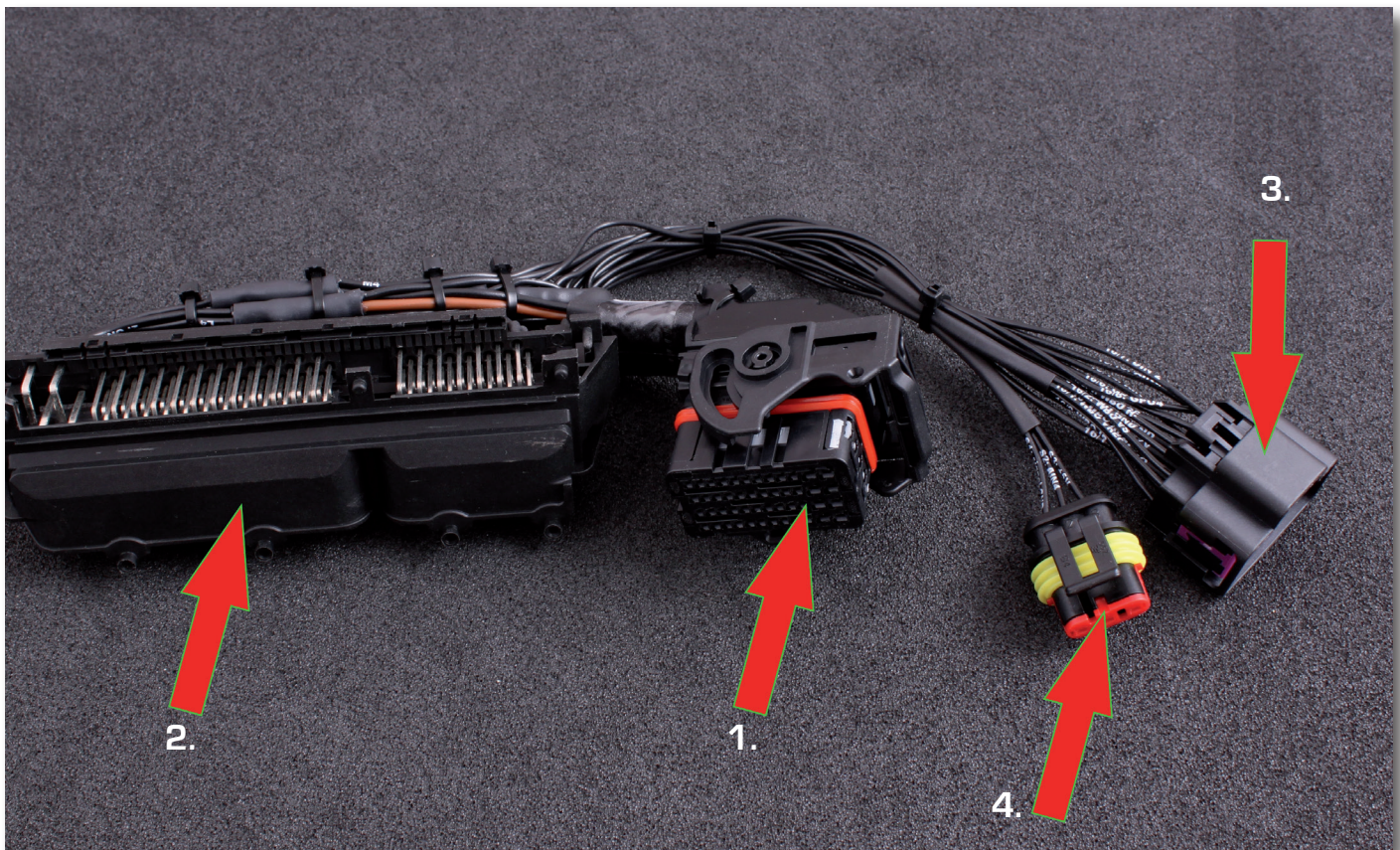
MaxxECU Plugin - Engine Specifics Audi A4 (AEB)

Fig 1 - MaxxECU Plugin kit consist of the following parts:
1. MaxxECU CMC connector
2. Audi vehicle harness adapter.
3. 16-pin extra connector.
4. 3-pin connector for extra 0-5v sensor (ex. pressure sensor).

ECU installation

- Stock Engine Control Unit (ECU) on this vehicle is mounted in engine bay on the left side.
- Disconnect the stock ECU from vehicle harness connector.
- Install MaxxECU harness into vehicle harness connector.
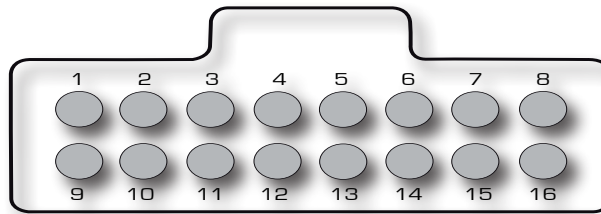- Install included MAP-sensor into engine manifold with included hose kit.

16-pin connector

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

1: Wideband.
2: Wideband.
3: Wideband.
4: Wideband.
5: GPO 5 (output)
6: GPO 7 (in / output)
7: DIN 2 (input)
8: GPO 4 (output)

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

Extra inputs.
GPO 7 (can be used as digital input), flexfuel sensor, switch.
DIN 2, flexfuel sensor, switch.
AIN 1, switch, temp.
AIN 3, 0-5V input.
AIN 4, 0-5V input. Extra 3-pin connector (**4**).
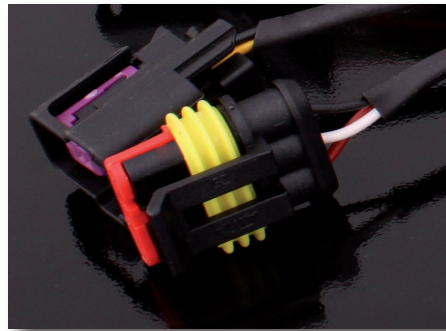

Fig 3 - 3-pin
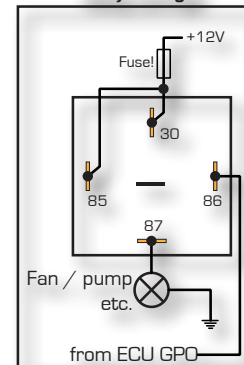Superseal connector.
1: Signal GND.
2: AIN 4 (0-5V) input.
3: +5V from ECU.

Extra outputs.
Offers extra outputs for flexible control like boost control, fan control.
GPO 5, GPO 4, GPO 7(if not used as digital input) (GND switched outputs).

Relay wirings

+12V
Fuse!
30
85   86
87
Fan / pump etc.
from ECU GPO

Plugin Trigger
Using stock triggers on crank and cam.

Notes
MaxxECU has some built in output test and diagnostics, see Diagnostics —> Output test to test certain outputs.
This will only work if fuel pump is set to "Always active" since fuel pump relay is also powering injectors and ignition.

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