

MaxxECU Plugin - Engine Specifics Toyota Supra MKIV 2JZ

2016-06-21

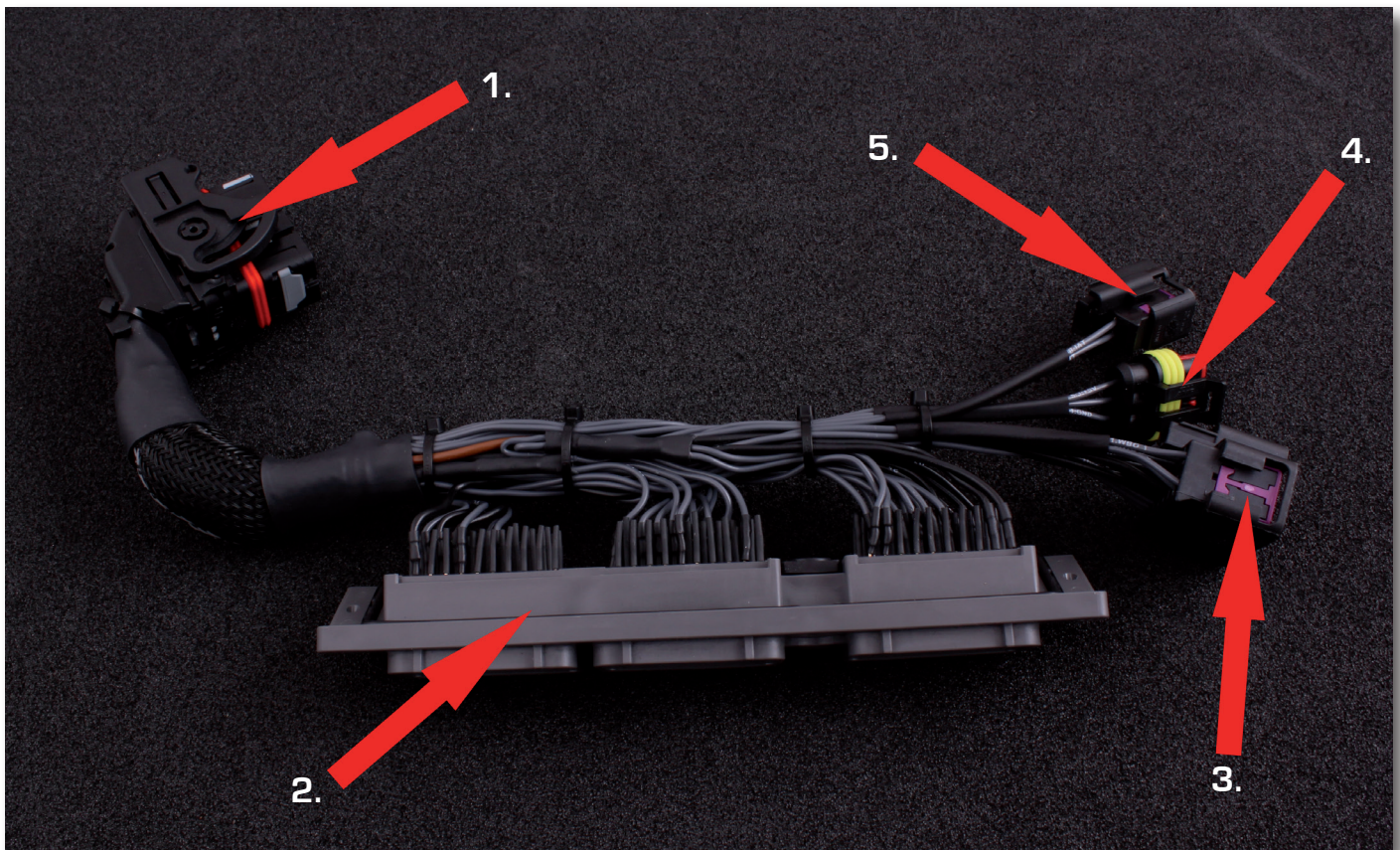


Fig 1 - MaxxECU Plugin kit consist of the following parts:

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. 2-pin connector for external IAT (only needed on EU, US and UK spec vehicles). JDM has a separate IAT connected.

ECU installation

- Stock Engine Control Unit (ECU) is located under passenger floor.
- Remove plastic cover protection.
- 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

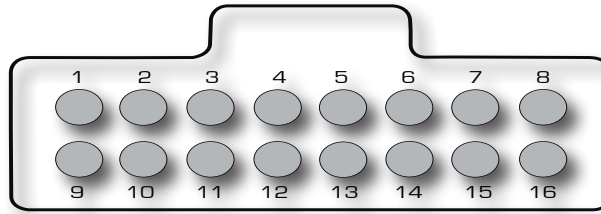


Fig 2 - Extra connector [3] seen from cable side.

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|--------------------------------|---------------------------|
| 1: Wideband. | 9: Wideband. |
| 2: Wideband. | 10: Wideband. |
| 3: Wideband. | 11: Wideband. |
| 4: Wideband. | 12: +12V (output). |
| 5: GPO 6 (output) | 13: GND. |
| 6: GPO 7 / DIN 3 (in / output) | 14: AIN 1 |
| 7: - | 15: AIN 2 (input) |
| 8: INJ 7 (output) | 16: AIN 3 (0-5V) (input). |

Extra inputs.

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

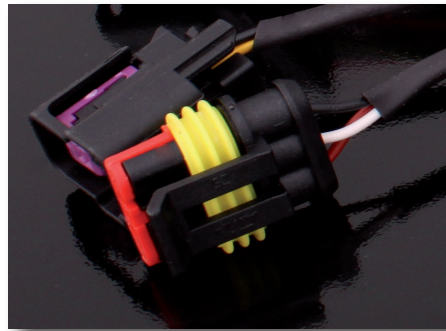
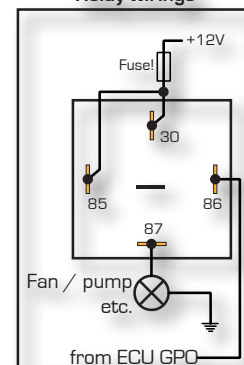


Fig 3 - 3-pin Superseal connector.
 1: Signal GND.
 2: AIN 4 (0-5V) input.
 3: +5V from ECU.

Extra outputs.

Offers extra outputs for flexible control like boost control, fan control.
 GPO 6, INJ 7, GPO 7(if not used as digital input) (GND switched outputs).

Relay wirings



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.