MaxxECU Plugin - Engine Specifics Nissan Skyline R32/33 GT-R/GTS
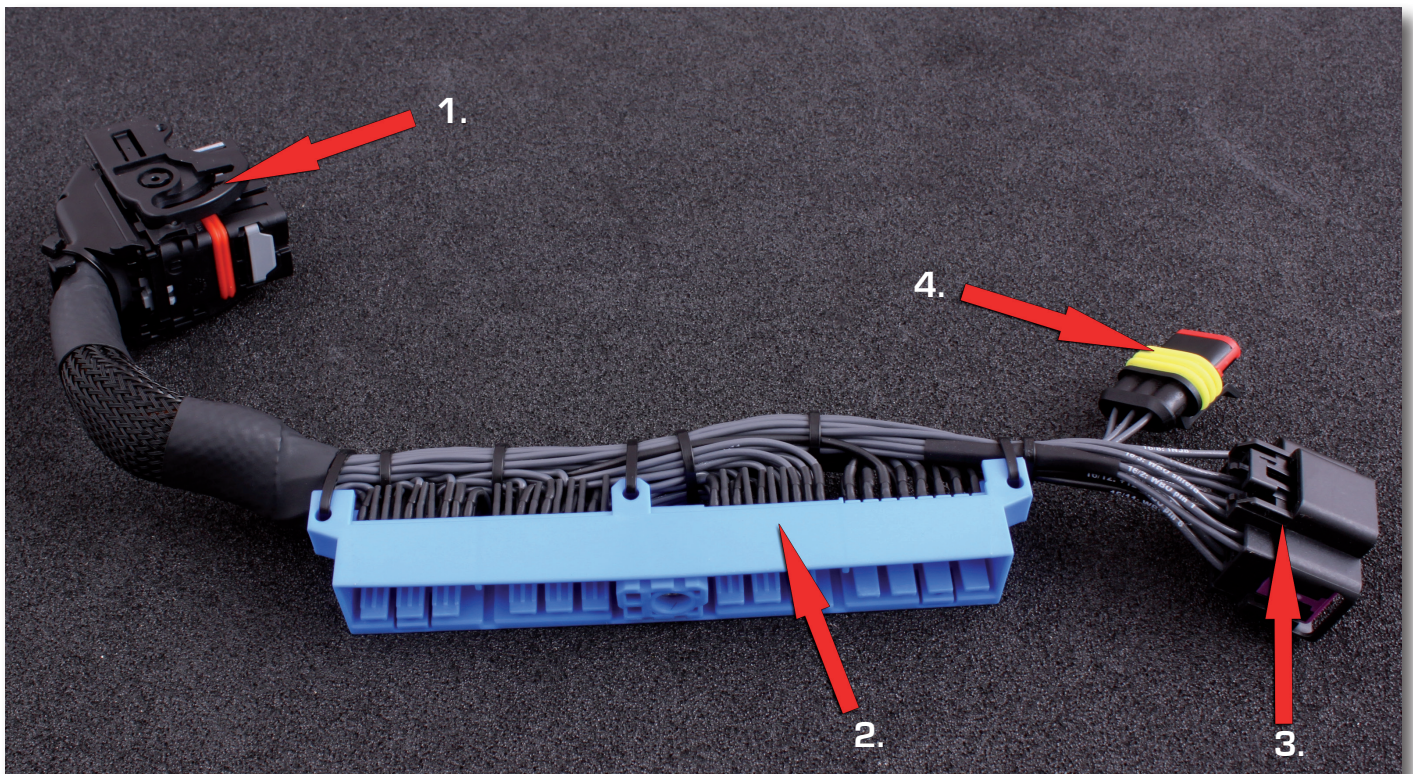
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Fig 1 - MaxxECU Plugin kit consist of the following parts:
1. MaxxECU CMC connector
2. Vehicle harness adapter.
3. 16-pin extra connector.
4. 3-pin connector for extra 0-5v sensor (ex. pressure sensor).
5. 2-pin connector for external IAT, used on models when no IAT is mounted from factory.

ECU installation
- Stock Engine Control Unit (ECU) is located on passenger side, behind plastic protection on the right side.
- Remove plastic cover protection.
- Disconnect the stock ECU from vehicle harness connector.
- Install MaxxECU harness into vehicle harness connector. Make sure to tighten!
- Install included MAP-sensor into engine manifold with included hose kit.
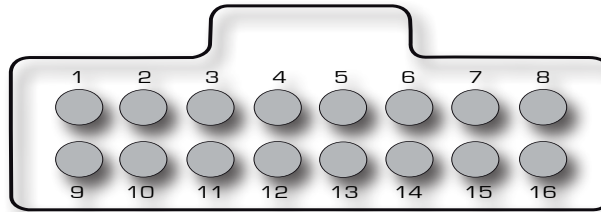
16-pin connector

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

1: Wideband.
2: Wideband.
3: Wideband.
4: Wideband.
5: GPO 7 (output)
6: - (GPO 8 on early models only).
7: -
8: INJ 8 (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.
AIN 1, switch, temp.
AIN 3, 0-5V input.
AIN 4, 0-5V input. Extra 3-pin connector (**4**).
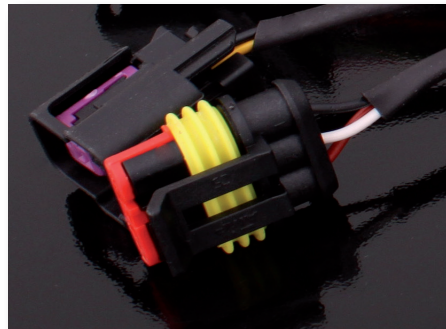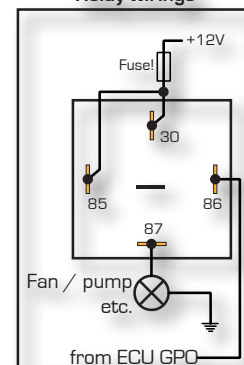

Fig 3 - 3-pin
Superseal connector.
1: Signal GND.
2: AIN 4 (0-5V) input.
3: +5V from ECU.

Extra outputs.
Offers extra outputs for flexible control like boost control, fan control.
INJ 7, GPO 7(if not used as digital input) (GND switched outputs).
GPO 8 on early models is also available.

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.
On early models IGN 8 was connected to tachometer output, some customers had issues with AWD. Problem was fixxed by changing the tach output to GPO 8 instead of IGN 8.
Basemaps uses Tach output on both outputs to ensure backward compatibility.

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