

T02-P1 Harness

Products that can use this harness

- Mercury and Mercury2

History

- This old style Level 1 harness was part of the economy series for Mercury and some people still prefer them today to save on expenses. The harness contains most TCU connections from the 12 Way Connector for most transmission combinations.

Design Points to take Notice of.

- This harness is used as a standalone application where the RPM and TPS wires is shielded to connect to sensors on the engine. They come with Power and earth included for the sensor. This is handy for Diesel engines with mechanical fuel pump.
- The 2K Oil temperature sensor wires are enclosed in a shield. The 10K input option is available in an un insulated Blue wire. You may need to convert it to a shielded wire. On each transmission connection drawing is specified which harness and sensor connection is required. Consult the manual for more information.
- All the input wires are shielded and is earthed on the TCU side with the small black lead that must be connected to the TCU earth. Never connect a shield on the transmission or chassis of the car.

Wire Names and connections on this harness:

Speed (Shielded) contains:

- Speed Sensor (Blue)
- +12V Ignition (Red)
- Earth (Black)

Oil (Shielded)

- Oil Temperature Sensor 2K (Blue)
- Oil Temperature Sensor 10K (Red)
- Earth (Black)

TPS (Shielded)

- TPS Sensor (Blue)
- +5V (Red)
- Earth (Black)

RPM (Shielded)

- RPM Sensor (Blue)
- +12V Ignition (Red)
- Earth (Black)

Shifter Sensor (White)

Oil 10K Input (Blue)

Ignition Power (Orange)

Earth Wire for Screens and sensors (Black)

See the design drawing for thickness and lengths of wires. See the connection drawings in the specific product manual on how to connect the harness to each item it was designed for.

NB! Wires that are not connected must be isolated to prevent shorts or interference.