Loom, CDL3 to OBD-II

Part No. 61197

Specifications

- 1.5m twisted heat-shrunk loom
- 22g Teflon coated Raychem light weight wire
- Compatible with the CDL3 OBD-II configuration template in CDL3 Manager
- Compatible with most cars manufactured in 2007 or later, and some earlier cars (model specific).

Functions

The OBD-II loom is a terminated adapter that joins the CDL3 terminated loom (#62203) to the standard on-board diagnostics port.

The OBD-II loom allows use of a selection of channels, this differs from car to car. Some of the common channels received are:

- Engine RPM
- Throttle position (engine)
- Engine temperature
- Manifold Absolute Pressure (MAP)
- Inlet air temperature
- Mass Air Flow (MAF)
- Barometric pressure
- Load point
- Exhaust temperature.

The supplied product may differ slightly to this image.

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Installation

The CDL3 to OBD-II loom plugs directly into the CDL3 loom, and into the OBD-II connector fitted to most cars manufactured in 2007 or later, and some earlier cars (model specific).

There is no standard location for the OBD-II socket in a road car. The most common place is in the driver's foot well, under the dash. In some instances it is directly accessible, in other cases a covering panel may need to be removed.

Installation method – if CDL3 came pre-configured

1. Plug in the CDL3, SLM-C, buttons and GPS. **DO NOT connect the CDL3 to OBD-II loom at this stage.**
2. Plug the cigarette lighter power adapter into a spare power supply socket.
3. Turn ignition to **ON**.
4. Press and hold the red button on the button loom for at least 5 seconds. If correctly configured, "OBD-II" displays on the CDL3. **NOTE:** if "OBD-II" does not display, do not plug in the *CDL3 to OBD-II loom* and follow the not pre-configured instructions.
5. Plug the 4 pin DTMF connector on the *CDL3 to OBD-II loom* into the CDL3 loom connector labelled ECU.
6. Find the car's OBD-II connector, and plug in the mating connector.
7. Start the car. Installation should now be complete.

Installation method – if CDL3 is NOT pre-configured

1. Plug in the CDL3, SLM-C, buttons, and GPS. **DO NOT connect the CDL3 to OBD-II loom at this stage.**
2. Plug the cigarette lighter power adapter into a spare power supply socket.
3. Connect a laptop to the CDL3 using the provided Ethernet lead.
4. Start up CDL3 Dash Manager.
5. Select **Tools > Connection settings** in CDL3 Dash Manager, then select **ADD.**
6. Select the **Search** button.
7. Highlight the device displayed in the connected device window, and select the **Select** button.
8. Select **OK** on the new IP screen.
9. Select **OK** on the Connection settings screen.
10. Select **File > New**.
11. Select **CDL3 OBD2** configuration.
12. Select **Online > Send Configuration** to put the OBD-II configuration in the Dash.
13. Save the file with a new name, such as **"my start file"**
14. Choose **Yes** or **OK** to any warnings that display while this new configuration is sent to the Dash.
15. Press and hold the red button on the button loom for at least 5 seconds. If correctly configured, "OBD-II" displays on the CDL3. **NOTE:** if "OBD-II" does not display, do not plug in the *CDL3 to OBD-II loom.* Contact your dealer.
16. Plug the 4 pin DTMF connector on the *CDL3 to OBD-II loom* into the CDL3 loom connector labelled ECU.
17. Find the car's OBD-II connector, and plug in the mating connector.
18. Start the car. Installation should now be complete.