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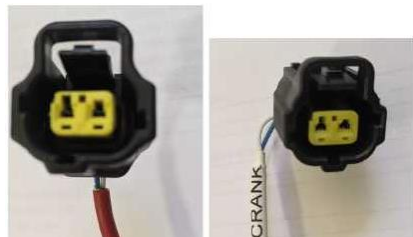Web   www.atpowerthrottles.com

Motorsport Electronics Plug-In Looms

(This document is REFERENCE ONLY. If in doubt refer to Motorsport Electronics)

To help you work out if the Motorsport Electronics loom is right for you, the below details the loom connectors which you can cross referenced with your current ones. Note in some cases they may differ, and, when that happens, you can simply cut the plugs off and use the plugs from your OEM loom.

Ford Duratec Plug-In (ME221 P/N 512-102-00001/ME442 P/N 512-102-00006)

We have specific looms for the Ford Duratec with VVT engine. The details of the connectors are shown below:

2 Pin Mini Timer IAT/Air and Coolant sensors	3 Pin Mini Timer Throttle sensor, 3 Bar MAP sensor	Ford coil pack connector
OEM Cam & Crank sensor	Fuel Injectors OEM 2 Pin connectors	OEM VVT Connector

The connections provided in our FORD DURATEC loom are:

- 4x 2 Pin OEM for the injectors
- 1x Ford OEM Cam sensor for cam sensor
- 1x 2 Pin OEM Type crank sensor
- 1x 2 Pin for VVT solenoid
- 1x 2 Pin Mini-Timer for IAT and Coolant sensor (Note may need to extend/change depending on the engine type. Use OEM connectors if preferred from the donor engine)
- 1x Ford Coil pack connector for a Wasted spark coil pack
- 1x 3 Pin Mini-Timer for throttle sensor (Typical if using throttle bodies - may need to change if keeping the OEM throttle sensor though this is rare)
- 1x 3 Pin Mini-Timer MAP sensor (suits our 3 Bar sensor)
- Auxiliary flying wires for spare outputs, tachometer, knock and O2/Lambda
- Relays pre-fitted for main power, and fuel pump