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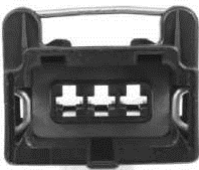


Motorsport Electronics Plug-In Looms

(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 ST170 Plug-In (ME221 P/N 512-102-00003/ME442 P/N 512-102-00008)

We have specific looms for the Ford ST170 with VVT engine. The details of the connectors are shown below:

2 Pin Mini Timer Injectors, Crank sensor, IAT and CLT sensors & VVT	3 Pin Mini Timer Throttle sensor, 3 Bar MAP sensor	Ford Coil pack connector
		
Ford ST170 Cam sensor		
		

The connections provided in our FORD ST170 loom are:

- 4x 2 Pin Mini-Timer for the injectors
- 1x Ford ST170 Cam sensor for cam sensor
- 1x 2 Pin Mini-Timer VR Type crank sensor
- 1x 2 Pin Mini-Timer 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)
- 1x Ford coil pack connector
- 1x 3 Pin Mini-Timer for throttle sensor (Typical if using throttle bodies - may need to change if keeping 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

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