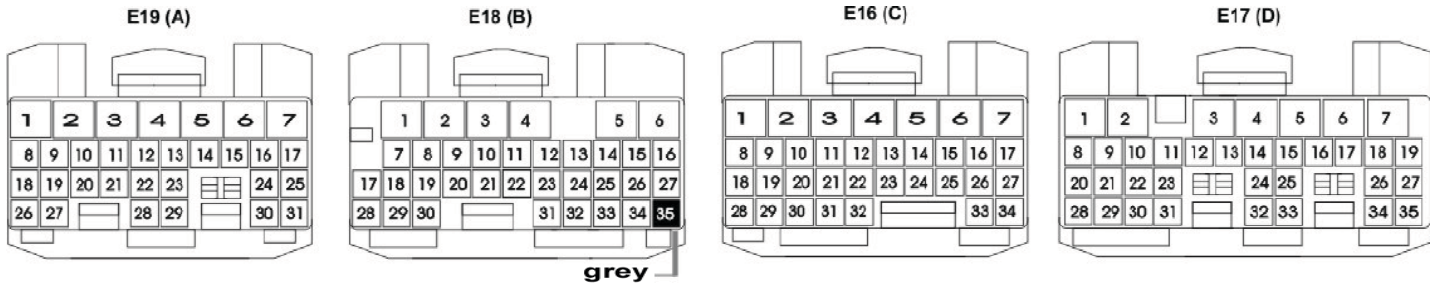
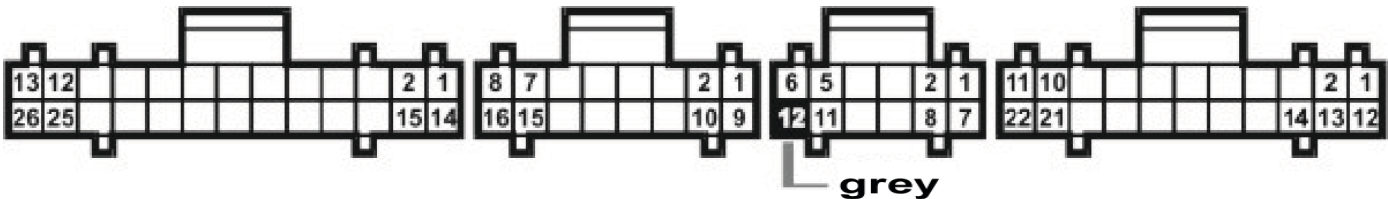


III.4 TOYOTA Land Cruiser HJ 100 4.2 TDE (1HD-FTE)
150kw - america model



III.5 TOYOTA Land Cruiser HJ 100/400 4.2 TDE-europe
model. Connection at pin 12



3.0 Final Installation

3.1 Connect the tunit to the harness just installed

3.2 Secure the Tunit in an area that is not moving and that is free from vibration or water. Secure with the cable ties provided with the 15 pin plug pointing downwards

Important note: Although the Tunit is water resistant it is not water proof and must be installed according with the instructions.

4.0 Final Check with lights inside the Tunit
Once connected, start the vehicle and check the green light is on. This shows the Tunit is powered up. Then press the accelerator to see if the red light comes on. A slight increase in the rpm should bring the light on, but in some cases a more revs are required to bring this on. These signal that the Tunit is functioning normally.

Suitable for	Type
EUROPE	
Toyota	Land Cruiser LC 100/400 - 4.2 TDE (1HD-FTE) europe model
Asia-USA	
Toyota	Land Cruiser 100 - 4.2 TDE (1HD-FTE) ab Modell 2003 - 150kw american model

Please do not forget to register your warranty by Free Post which will also validate your free product support.



Installation instructions for

tunit V-VP

Toyota



www.tunit.co.uk

ntun056

Before you start! Check you have enclosed

Tunit V-VP

Tunit V-VP Harness

1 x clamps

2 x Cable tie

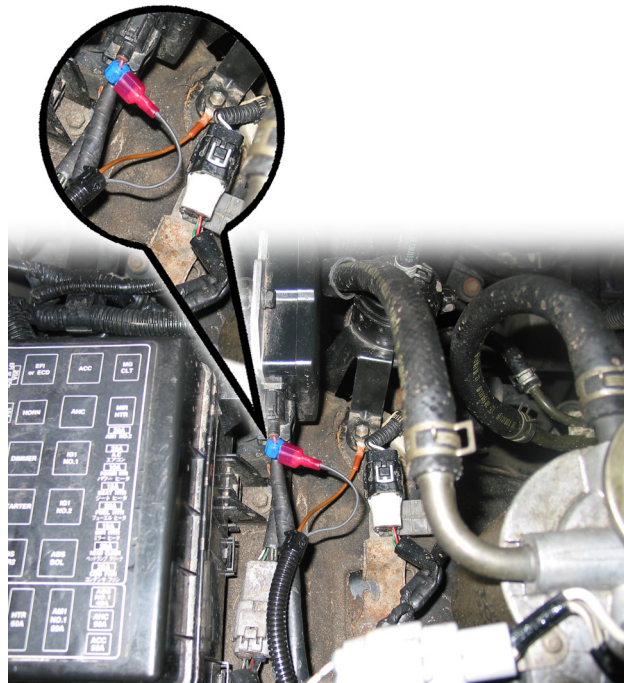
Warranty card

Connection of the Tunit Harness

1. Connection to the DENSO pump and power supply

1.1 Turn off the ignition of your vehicle and remove the key.

1.2 Connect to the pump by attaching the black pump signal wire, shown in ill.3 to the red wire of the 5 pole plug shown in ill.1 next to the fuse box. Attach the brown wire to earth, and make sure of a good connection.

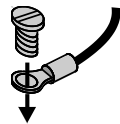


.Ill.1 Connect the pump signal wires here

In some cases the 150 kw model has a different connection at the pump . see ill.2. If it has this switch and not the plug in ill.1 then connect here to the red wire.



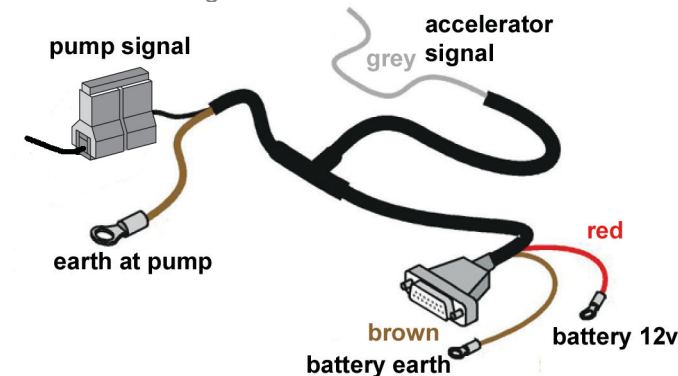
Ill.2 Alternative pump connection



1.3 The red (12 volt +) and the brown (ground) cable should be connected directly to the battery or constant 12v supply.

2. Connection to the accelerator (grey cable)

Ill.3 Harness diagram



2.1 The grey wire connection should be attached to the ECU, at the passenger's side, directly behind the glove compartment. See ill 4 & 5 (PTO)

2.2 Once the pin no. is located using the illustrations of the ECU's, the grey wire must be soldered in parallel coming a few cm's back from the ECU plug. (do not cut the wire, bare a small amount of the cable only and solder)

2.3 The grey wire can, if preferred, attach directly to the accelerator pedal. If this is to be done then use the following procedure:

Measure each of the two/ three wires coming from the accelerator pedal. One or maybe two wires will give a reading of 0.4 to 4.0 Volts as the pedal is depressed. If two wires give the same reading then measure again. One voltage will rise quickly , one slowly. It is the voltage rising slowly that is the correct wire. Solder to this wire. (do not cut the wire, bare a small amount of the cable only and solder)