

REFERENCE	BT_2011_FR20_13_UK
DATE	June 15th, 2011
SUBJECT	Fuel pressure sensor mounting, throttle body connector upgrade, new fuel pump
PART	Fuel pressure sensor, fuel pump, engine loom, throttle body

1. New fuel pressure sensor mounting – ALLOWED FROM NOW

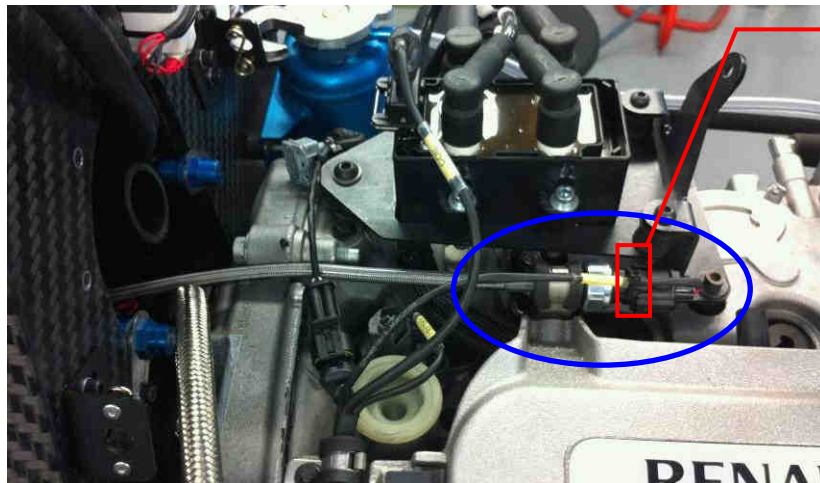
MANDATORY FROM: EUROCUP: 4th meeting in Hungaroring

NEC: 6th meeting in Zandvoort

UK: 7th meeting in Silverstone

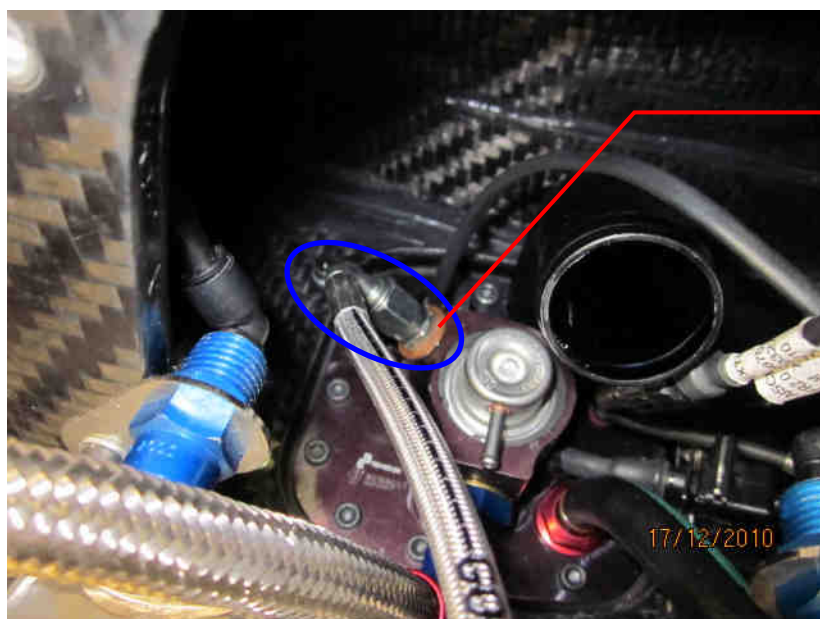
ALPS: 6th meeting in Spa Francorchamps

A kit to improve the mounting of the fuel pressure sensor is now available and will be dispatched for free on all the cars. The sensor is now mounted on the top of the engine, as shown below:



Tie-wrap

The Tie-wrap is strongly recommended for the reliability of the wires



Copper washer

This new mounting may avoid:

- Vibrations transmitted to the sensor and its connection
- Wrong manipulation of the mechanics on the top of the fuel tank as there is not enough space available
- Wires slightly tightened if the engine loom is not perfectly fitted

The kit includes:

- 1 Goodridge pipe
- 1 Goodridge adaptor
- 1 metallic collar
- 1 copper washer

The upgrade kit is available under the reference 77 11 166 706.

If you already encountered issues with this connector and need to replace it before to use this kit, you must contact the Renault Sport Technical support.

Note: the parts will be delivered to you at least one meeting earlier.

2. Throttle body connector

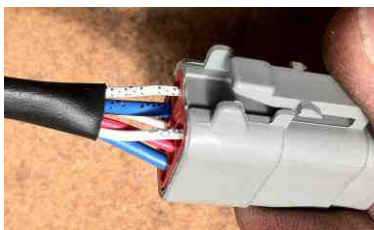
DEPLOYMENT: EUROCUP: 3rd meeting in Nurburgring

NEC: 6th meeting in Zandvoort

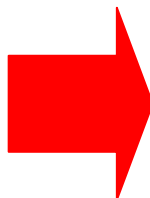
UK: 7th meeting in Silverstone

ALPS: 5th meeting in Hungaroring

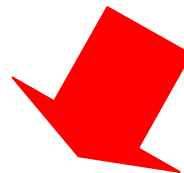
The throttle body connector on the engine loom will be replaced for free on every car. This connector will permit to avoid any wire breakage just behind the connector.



Original connector



New connector body + wires twisted + silicone paste



Long shrink boot added

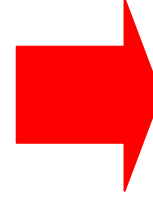
A long shrink boot will be also added on the throttle body side:



Original connection



Wire twisted



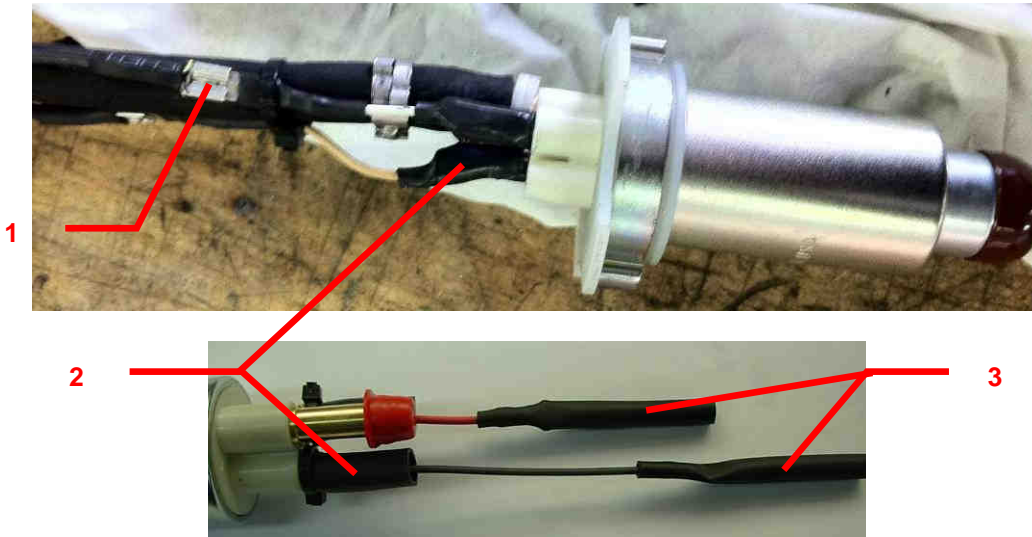
Boot added

Renault Sport also recommends mounting the connector as shown below:



3. New fuel pump

A new fuel pump is now available from your Renault Sport spare parts department under the new reference 77 11 166 727. It is exactly the same fuel pump body, now equipped with fly wires. They keep the same terminals (1) so the original fuel pump loom (ref. 77 11 154 658) does not have to be modified.



*Fly wires welded and bonded on fuel pump terminals.
Glue moulded in a Viton® shrink boot (2)*

A small heat shrink piece (3) is provided on each terminal to avoid any contact between both terminals and between terminals and fuel tank tower.

This improvement particularly avoids wire and terminal breakage close to the fuel pump.

Both old and new types of fuel pump are allowed.

Note: the old fuel pump ref. 77 11 154 287 is not available anymore.