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| REFERENCE | BT_2012_FR20_3_UK |
| DATE | 3rd of April, 2012 |
| SUBJECT | New engine loom |
| PART | Engine loom & fuel pressure, oil pressure, camshaft solenoid valve, camshaft position, throttle body sensors |

1. New engine loom – ALLOWED FROM NOW

Renault Sport has made important improvements to the engine loom. The aim of these upgrades is to improve reliability for a contained price.

The looms are suffering a lot from the high vibration level of the car. Therefore, the engine loom is now covered with an additional protective shrink, specifically designed to resist to friction.

The type of wire has been upgraded to aeronautic standards which results in a stronger wire with a thinner shrink. Weight and diameter of the loom remain the same.

5 engine sensors are now specifically assembled with flywires:

- Fuel pressure sensor
- Oil pressure sensor
- Camshaft position sensor
- Camshaft solenoid valve
- Throttle body

These sensors are now connected to the loom using Deutsch AS Motorsport connectors.

Moreover, some connectors are now assembled with a boot, to protect the wires:

- Water and oil temperature sensors
- Manifold air pressure sensor
- Barrel sensor



Some lengths are changed to help you to fit the loom in a neater way.

An upgrade kit including engine loom + all the new sensors is proposed at a promotional price. Only one upgrade kit per car can be ordered at this price. Upgrade kit price = 2.200 € excl. VAT.

References:

- Upgrade kit (loom + sensors) : 00 11 166 750
- Engine loom V2: 77 11 166 750
- Fuel pressure sensor V2: 77 11 166 755
- Oil pressure sensor V2: 77 11 166 756
- Camshaft solenoid valve V3: 77 11 166
- Camshaft position sensor V2: 77 11 166 753
- Throttle body V2: 77 11 166 752

A few original engine looms are still available: contact your Renault Sport spare parts dealer in case you need one

It is allowed to change the fuel pressure connector of old engine looms (ref. 77 11 166 010) in order to use the new fuel pressure sensor (ref. 77 11 166 755). The required connector is an **AS Deutsch AS10898SN** and the required boot a **Tyco Electronics 202A111**. The loom manufacturer can do it at a cost of 67€ excl. VAT on demand.

We remind you that the fuel pressure sensor must remain connected during official sessions.

Old looms and sensors are still allowed for 2012 season.

Note: new chassis looms with the same kind of wires and protective shrink will be available later this year. Renault Sport will let you know when these parts will be available.