

REFERENCE	BT_2011_FR20_7_UK
DATE	30th March, 2011
SUBJECT	New fuel filter, catalytic converter regulation, crankshaft sensor loom, screws for timing belt thermal shield
PART	fuel filter, catalytic converter, crankshaft sensor loom, heat shield for timing belt protection

1. Fuel filter

CONCERNING ALL FORMULA RENAULT 2.0 CHAMPIONSHIPS

The original fuel filter (ref. 77 11 154 671) has been replaced by a new fuel filter (ref. 77 11 161 845). This filter has a better filtration level and prevent from dirty injectors.

This new filter can be mounted on a Formula Renault 2.0 without any modification to the assembly.



Original filter

New filter

Both old and new types are allowed for 2011 season.

2. Catalytic converter regulation

CONCERNING ALL FORMULA RENAULT 2.0 CHAMPIONSHIPS EXCEPT NEC.

It is now mandatory to remove the internal part of the catalytic converter.

Therefore, it is mandatory to use empty catalytic converters to compete with a Formula Renault 2.0.

Renault Sport will propose empty catalytic converters as soon as possible, under the reference 77 11 166 721.

Note: this modification does not concern Northern European Cup, where a fully functional catalytic converter is still mandatory. Both references (full and empty) will be available from Alpine spare parts dpt.

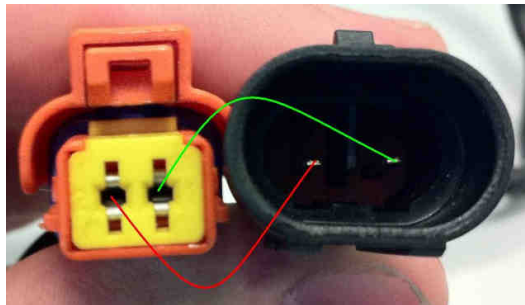
3. Crankshaft sensor connection

CONCERNING ALL FORMULA RENAULT 2.0 CHAMPIONSHIPS

Renault Sport asks you to check the PIN OUT of the additional crankshaft loom ref. 77 11 166 349. (loom connecting the crankshaft sensor to the engine loom), as one wrong new loom has been found on a car resulting in engine damages.

You must note that if pins are inverted, the engine will run normally, without any real lack of performance, except a wrong ignition timing.

The connectors must be connected as shown below:



If you find this problem on your car, please contact the Technical Support of Renault Sport.

4. Thermal shield for timing belt protection

DEPLOYEMENT: EUROcup: 1st meeting in Motorland
NEC: 1st meeting in Hockenheim
UK: 2nd meeting in Donington
ALPS: before 2nd meeting in imola

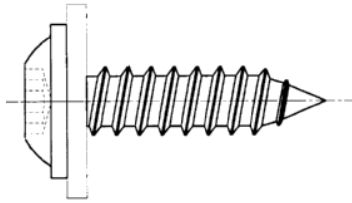
As explained in Technical Bulletin n°23 from 2010, the thermal shield (ref. 77 11 166 687) is mandatory to protect the timing belt protection:



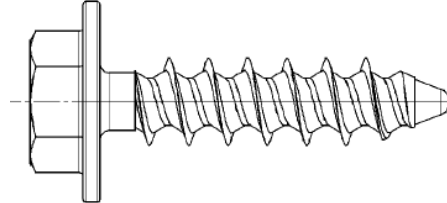
It appears that the screw used to fit the thermal shield may become loose when running, creating a risk for the engine.

Therefore, Renault Sport asks you to carefully check the fitting of your thermal shield and to replace the screws by bigger ones.

New screws ref. 77 03 017 139, will be dispatch for free , to replace the original ones:



Old screw (BHS type)



New screw (HEX head type)

These new screws must be tightened @ 3.3Nm. Renault advises then to put aluminium tape on the headscrews.

Note: this screw will be the only one allowed from 4th of April, 2011.