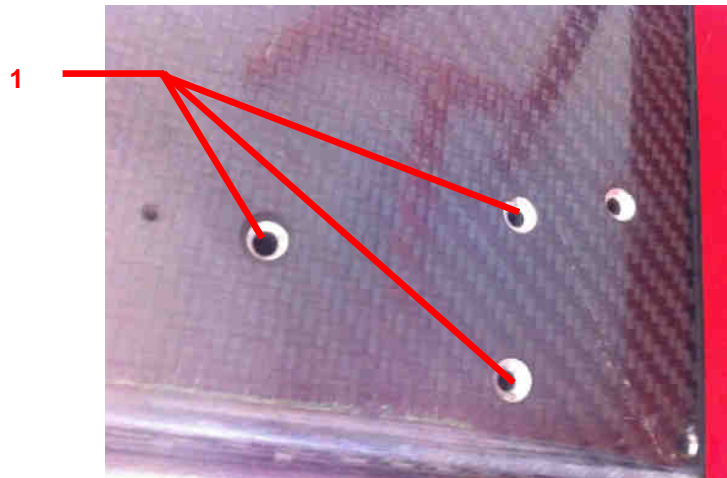


REFERENCE	BT_2011_FR20_16_UK_amended
DATE	August 31st, 2011
SUBJECT	Ballast & oil pressure sensor mounting, roll hoop fairing reinforcement
PART	Ballast, oil pressure sensor, roll hoop fairing

**1. Ballast mounting – ALLOWED FROM NOW**

The screws to fit the ballast have been upgraded from M8 to M10. If needed, holes in ballasts and ballast supports (ref. 77 11 166 592) can be enlarged. The countersinks (1) into the chassis floor must be enlarged:



There are now 2 new types of screw allowed:

- **Ref. 77 11 166 741 : CSK M10 fully threaded - length: 100 mm** (up to 7 kg of ballast)
- **Ref. 00 11 166 741 : CSK M10 partially threaded – length: 160 mm** (up to 13kg of ballast)

The screw ref. 77 11 166 742 is expensive but it has been designed specifically for this application, to be strong enough with a longer thread to adjust from 7 to 13kg.

Renault Sport advises to add tape all around each piece of ballast to isolate them from vibration, as per the picture below:



The original M8 screws are still allowed until the season ends.

2. Oil pressure sensor mounting – ALLOWED FROM NOW

MANDATORY FROM: EUROCUF: 6<sup>th</sup> meeting in Paul Ricard

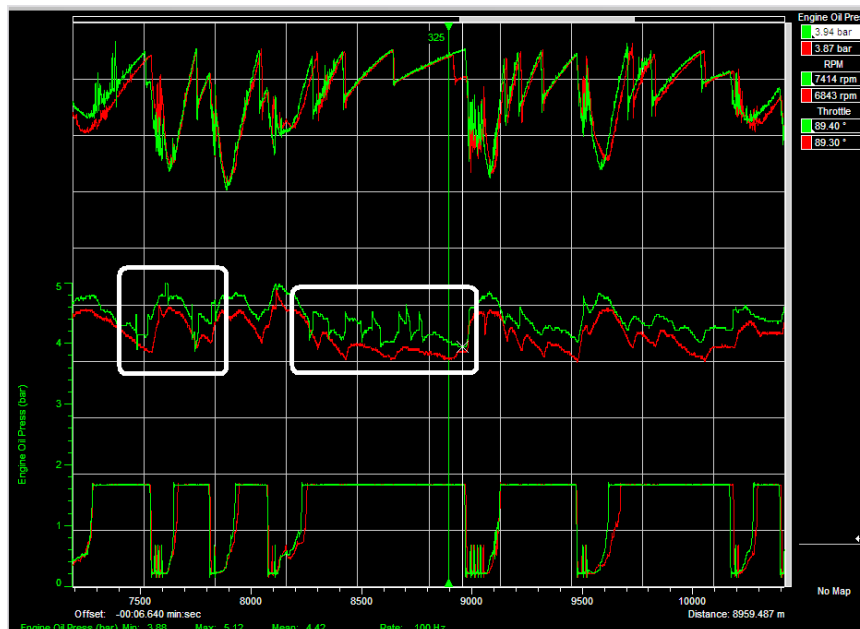
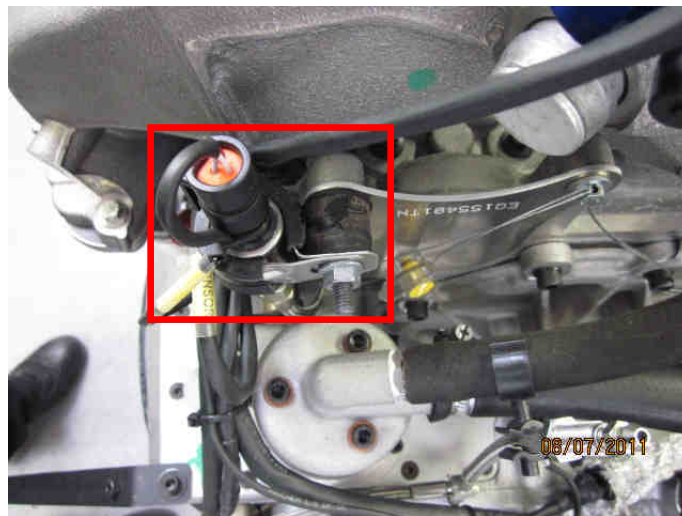
NEC: 8<sup>th</sup> meeting in Monza

UK: 8<sup>th</sup> meeting in Rockingham

ALPS: 7<sup>th</sup> meeting in Paul Ricard

An AV mount ref. 77 11 158 219 will be dispatched for free on all the cars to improve the oil pressure sensor mounting. It permits to improve the signal transmitted by the sensor and to avoid sensor connection issues.

The sensor must now be mounted as shown below:

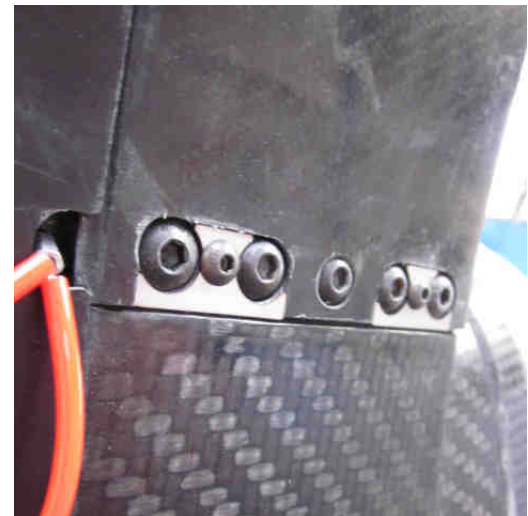
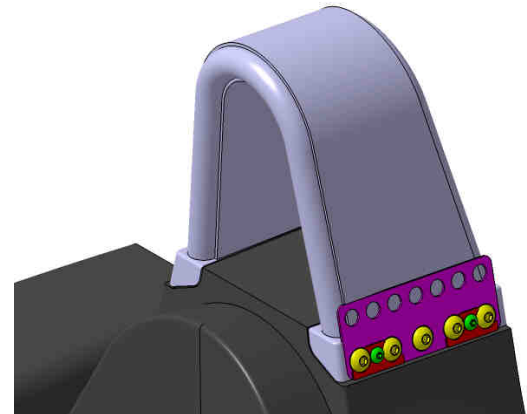
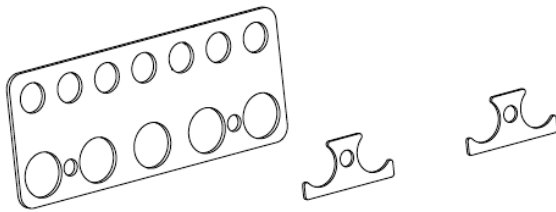


Green: original mounting / Red: with AV mount

### 3. Roll hoop fairing reinforcement – **ALLOWED FROM NOW**

The modification described in Technical Bulletin n.4 is not anymore mandatory as after modification, the roll hoop fairing may be too weak.

However, without this modification, it is impossible to adjust perfectly the roll hoop fairing and the engine cover to the chassis. Therefore, a reinforcement kit (ref. 77 11 166 742) has been designed:



The kit includes 2 plates to bond on the inner skin of the roll hoop fairing and 4 reinforcement washers. The washers have been designed specifically to ease the roll hoop fairing trimming and repair.

Renault Sport advises to use **3M DP 490® glue** or similar.

This kit is not mandatory but one kit per car is available **for free**. Ask your Renault Sport spare parts dealer.