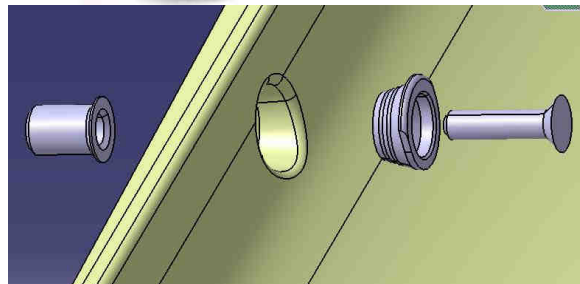


REFERENCE	BT_2011_FR20_9_UK
DATE	27th April, 2011
SUBJECT	New ECU mapping, new sidepod fasteners, new rear upright pins
PART	ECU, sidepods, rear upright pins

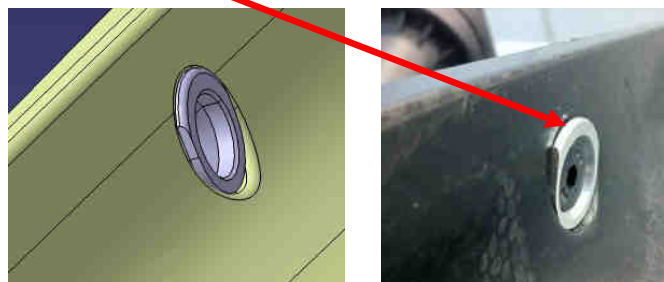
### 1. Sidepod fasteners

A kit of inserts is now available from your Renault Sport spare parts dealer under the reference 77 11 166 713. (45€ excl. VAT)

This kit has been designed to replace the Camloc fasteners by threaded inserts + M6 screws. It includes 6 threaded inserts + 6 sidepod inserts:



- Replace the Camloc receptacles by the threaded inserts
- Glue the sidepod inserts (glue 3M DP490<sup>®</sup> recommended) on the sidepod, ensuring contact between the outer skin of the sidepod and the insert shoulder.



It may be necessary to enlarge the holes in the sidepod as shown below:



## 2. Rear upright pins

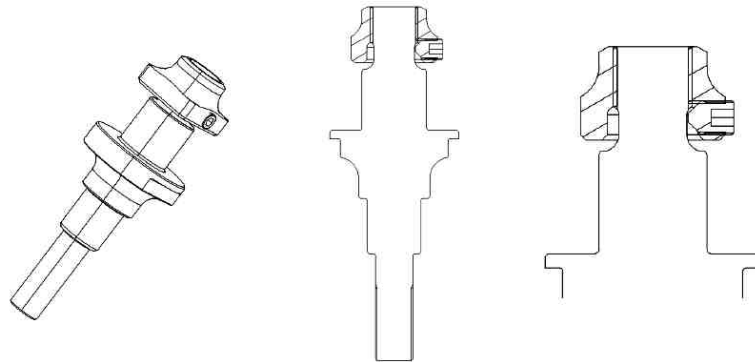
**DEPLOYEMENT:** EURO CUP: End of meeting in Spa

NEC: TBC next week

UK: TBC next week

ALPS: TBC next week

Following a few breakage, the rear upright pin has been redesigned. It respects exactly the same shape as the genuine part, with a bigger threaded part (M10 -> M14) and a locking system.

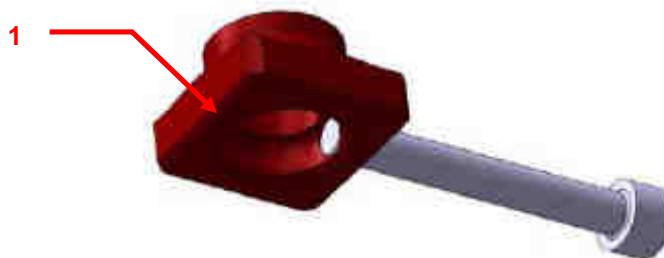


To mount them, you must proceed as follow:

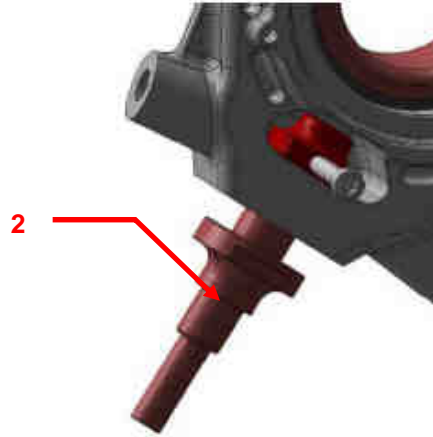
- 1) Check the condition of the chamfer below (1mm chamfer):



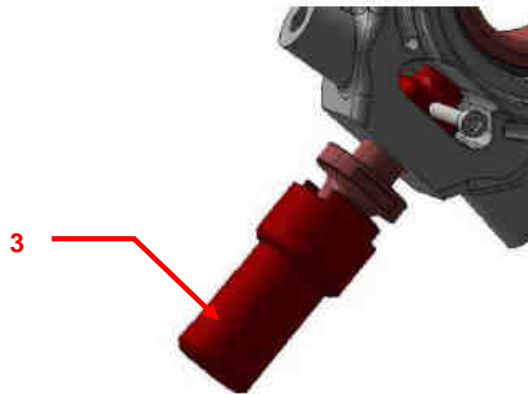
- 2) Heat the lower part of the upright only @ 120°C
- 3) Apply high threadlock glue (Loctite 642® type) on the nut. Mount a long M6 screw into the nut as shown below (ensure that the screw won't damage the thread of the pin during its mounting)



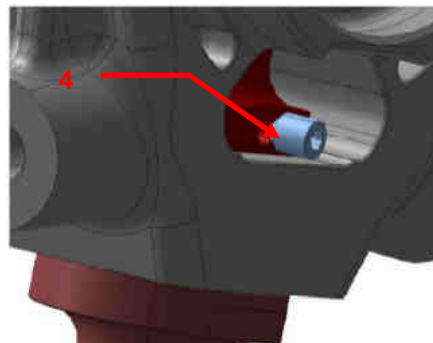
- 4) Mount the axle (2) which must be at ambient temperature (20°C), into the upright by turning it into the nut (1) (retain the nut using the M6 screw)



- 5) Tighten the axle **until contact with the upright lower face** (at this moment, the upright should be around 95-100°C)



- 6) **Immediately tighten the axle @ 95N.m** using the specific tool (3) ref. 77 11 166 699
- 7) Let the assembly cooling down then remove the long M6 screw and fit the grub screw (4) using high threadlock glue (Loctite 642® type)



These pins are now allowed and will be dispatched for free on all the cars soon.



RENAULT SPORT

FORMULA  
RENAULT 2.0

### 3. New ECU software SQ6 2011.2

**DEPLOYEMENT:** EUROCUP: 2<sup>nd</sup> meeting in Spa

NEC: 2<sup>nd</sup> meeting in Spa

UK: 3<sup>rd</sup> meeting in Thruxton (made by Cosworth)

ALPS: 2<sup>nd</sup> meeting in Imola

All the ECU must be upgraded to the new release **SQ6 2011.2**. This release includes a new sticker which is mandatory to compete in a 2011 Formula Renault 2.0 championship:



This new mapping improves the throttle body management particularly with the last batches of throttle body.

