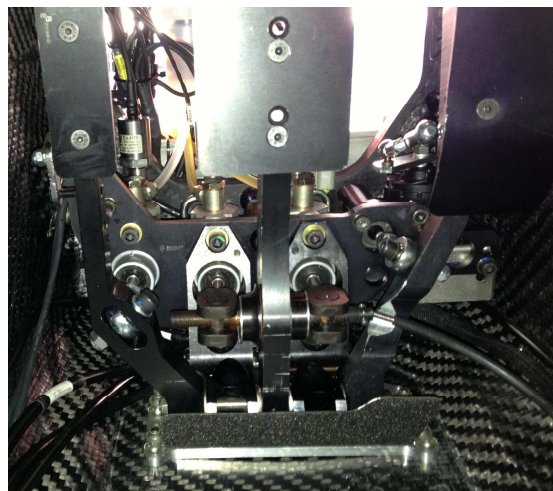
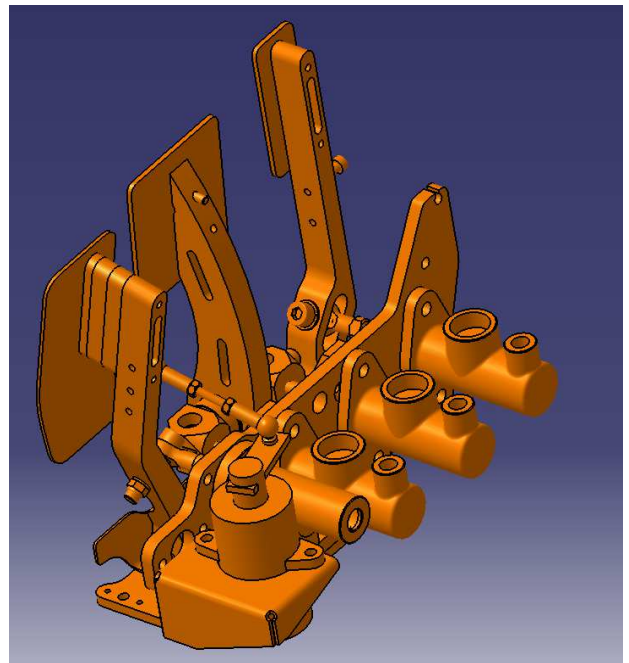
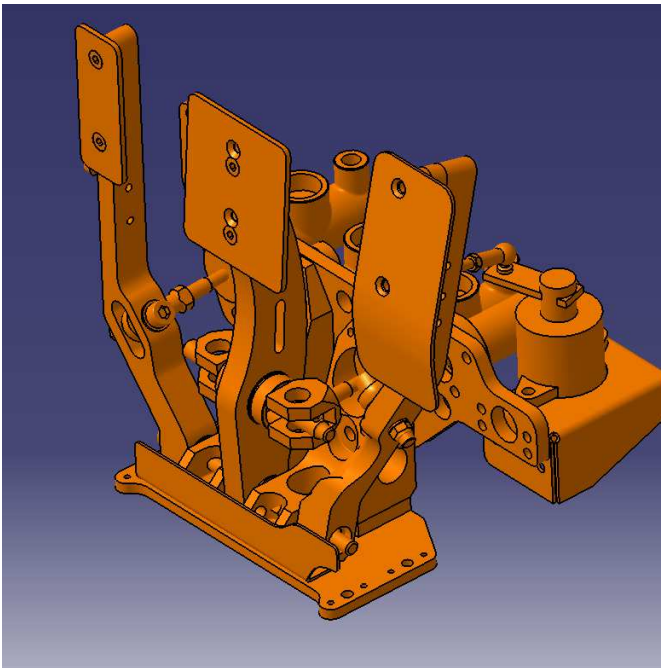


REFERENCE	BT_2013_FR20_9_UK
DATE	25th March, 2013
SUBJECT	Tall driver pedal box V2 / Bottom seat hole
PART	Pedal box, seat

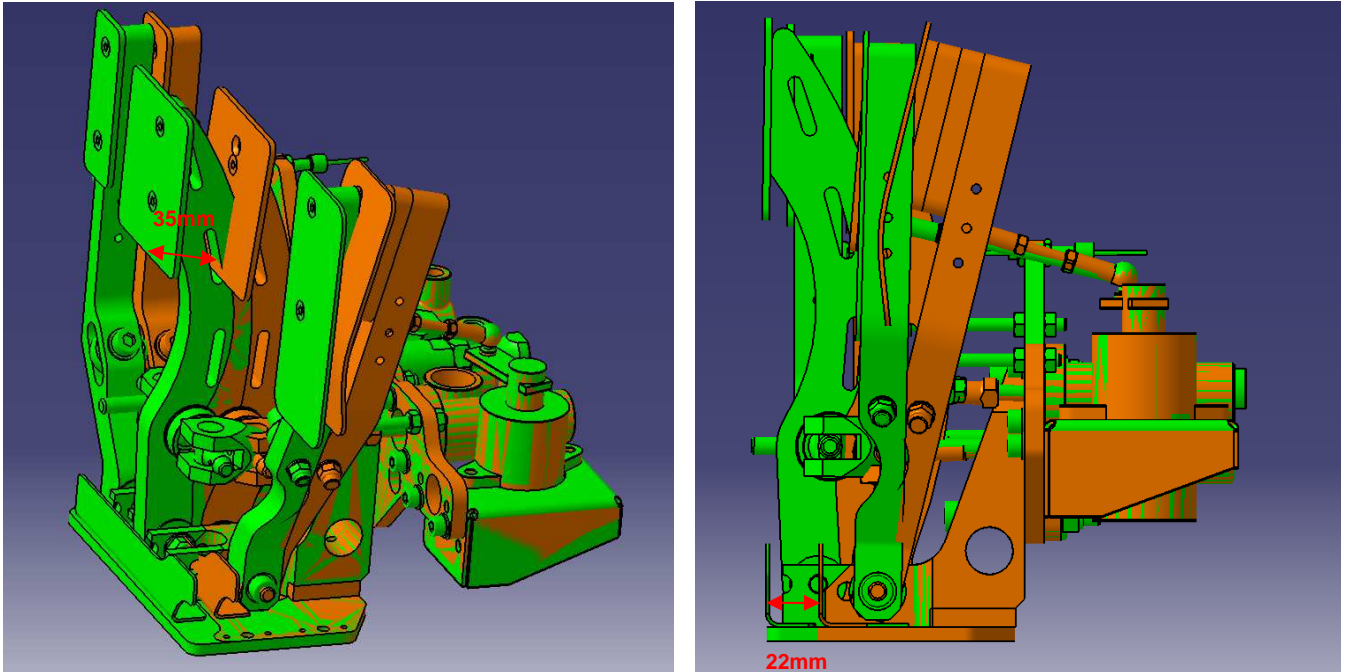
1. Tall driver pedal box V2

Renault Sport and Tatuus worked together to propose more modifications to help the tall drivers to feel more comfortable into the car.

All the modifications detailed below have been tested during 4 days of test without any problem at all. It results in modifying current pedal box parts (pedals, pedal support, brake bias clevis,...) and only the pedal box support plate must be replaced.



This pedal box (orange: tall driver pedal box V2) allows winning 22mm at the heelrest level and 35mm at the pedal pad level compared to the current tall driver pedal box (green: tall driver pedal box V1)



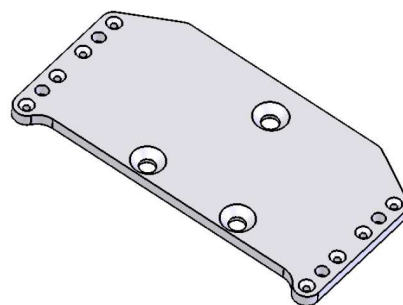
Teams are allowed to modify parts by themselves according to the procedure and technical drawings detailed afterward.

Tatuus also offers to possibility to modify your pedal box, for 600€ excl. VAT. If interested, please contact Guillaume ARGY: guillaume.argy-renexter@renault.com.

Note: The new tall driver pedal box V2 must only be fitted into the car only if the pedal support plate V2 and all parts modifications described afterward have been achieved. Any of those modifications is allowed on another pedal box version.

- **Pedal support plate V2**

The tall driver pedal box V2 requires a specific pedal support plate. The part reference is 77 11 166 809



Pedal support plate V2

Every team interested in achieving the pedal box V2 and obtaining the new pedal support plate must report their needs before Friday, March 29th to the spare parts department at Alpine by emailing the following address:

rst-parts.dpt@renault.com
guillaume.argy-renexter@renault.com

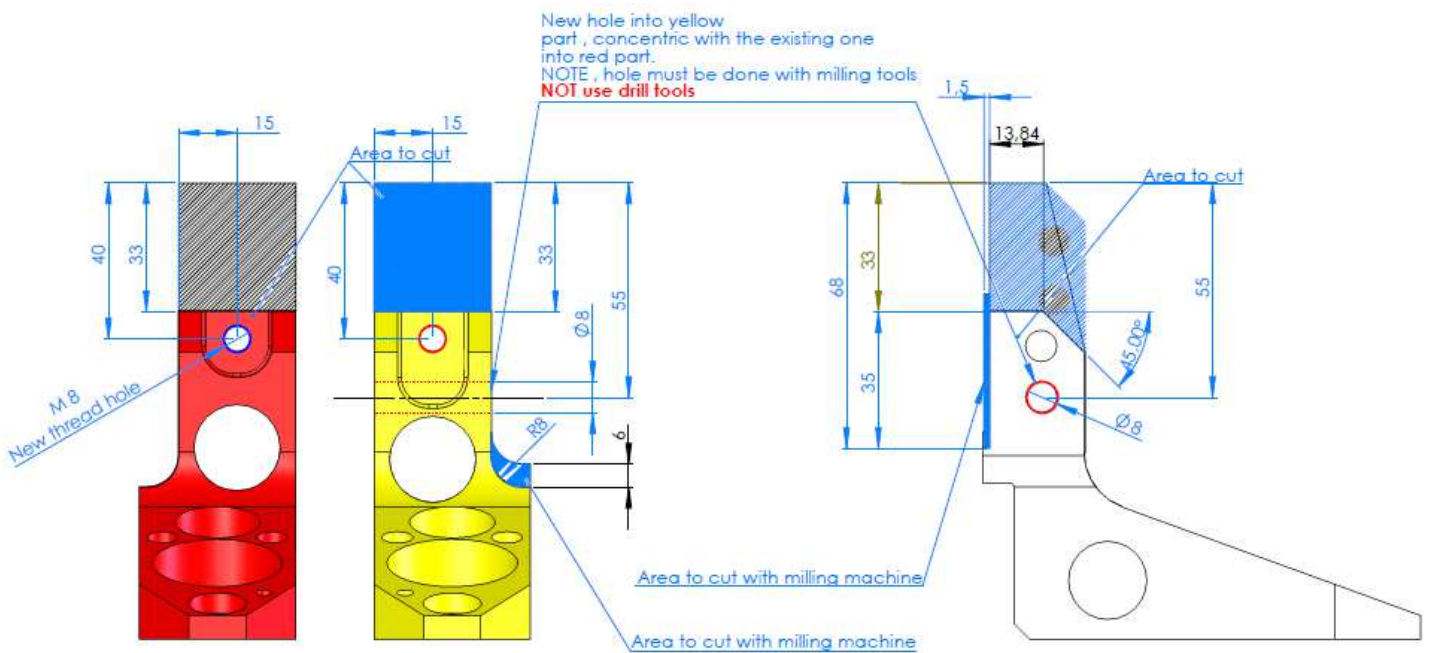
You must mention in your e-mail if you are going to compete in the first ALPS & NEC races: the support plates will be delivered on track on Thursday through the ALPS & NEC spare parts services.

Pedal support plates V2 will be delivered free of charge.

- **Pedal box parts modifications**

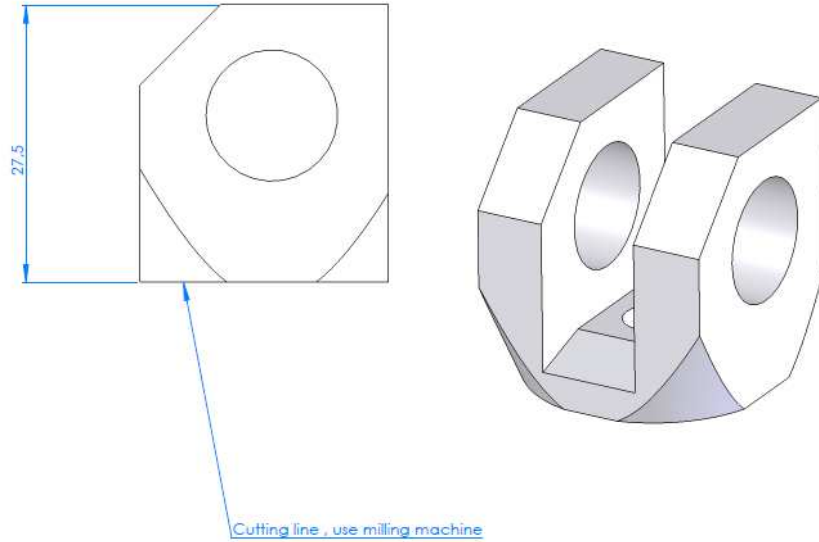
To achieve the tall driver pedal box V2, modifications must be done according to the following technical drawings:

- Pedal supports

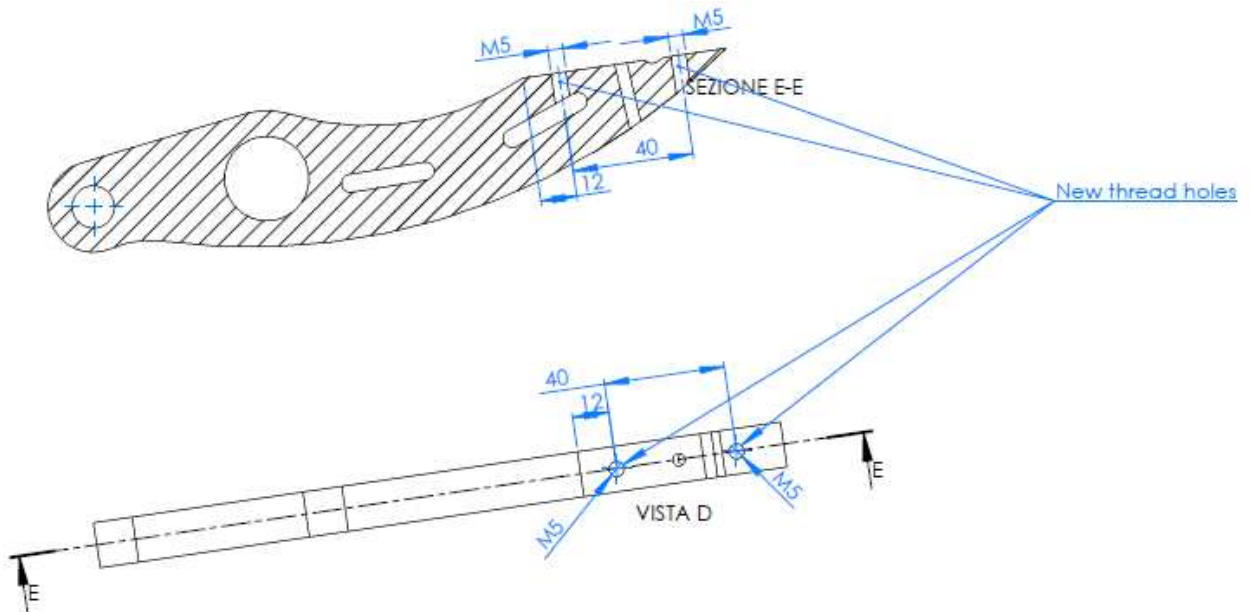


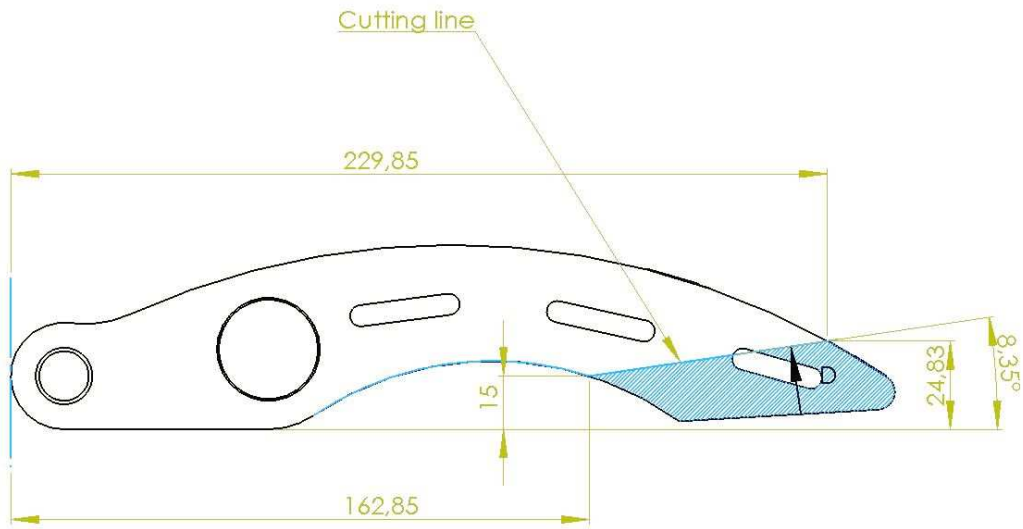
Note: the pivot axle of the brake and clutch pedals becomes the same as the original throttle pivot axle.

- Brake bias clevis

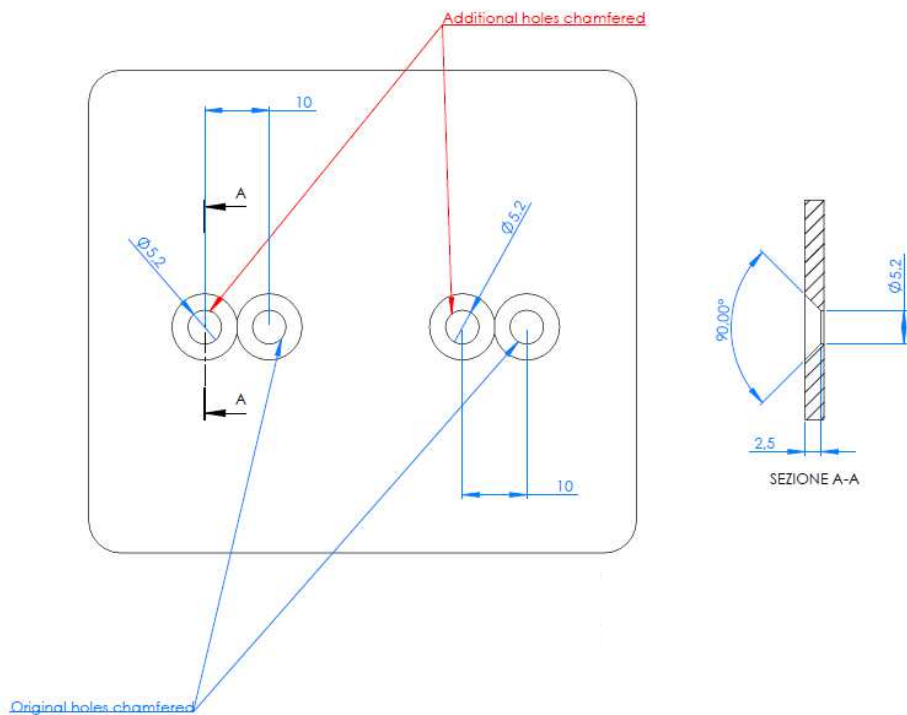


- Brake pedal



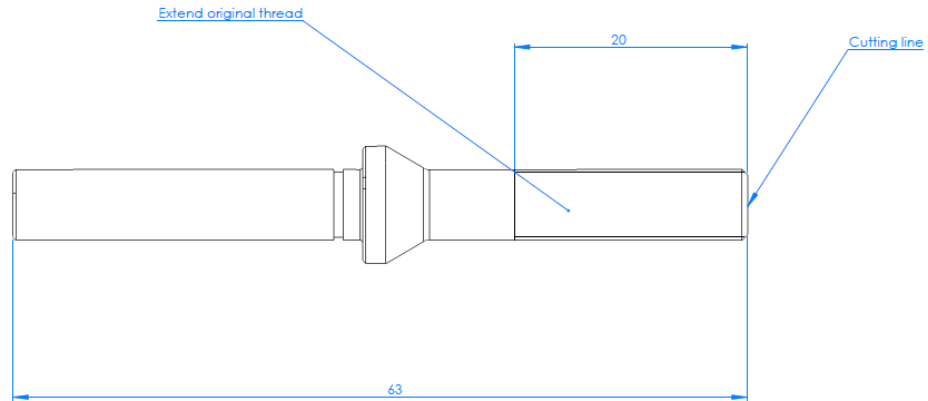


- o Brake pedal pad

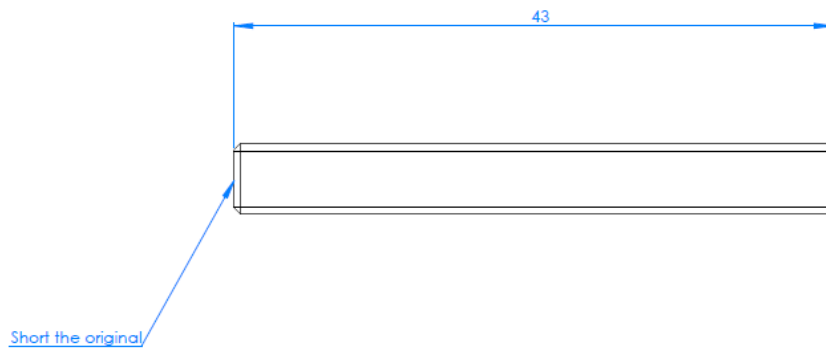


Note: those additional holes are designed to move up the pedal pad as the pedal modified is shorter. However, we remind you that the pedal pads are free.

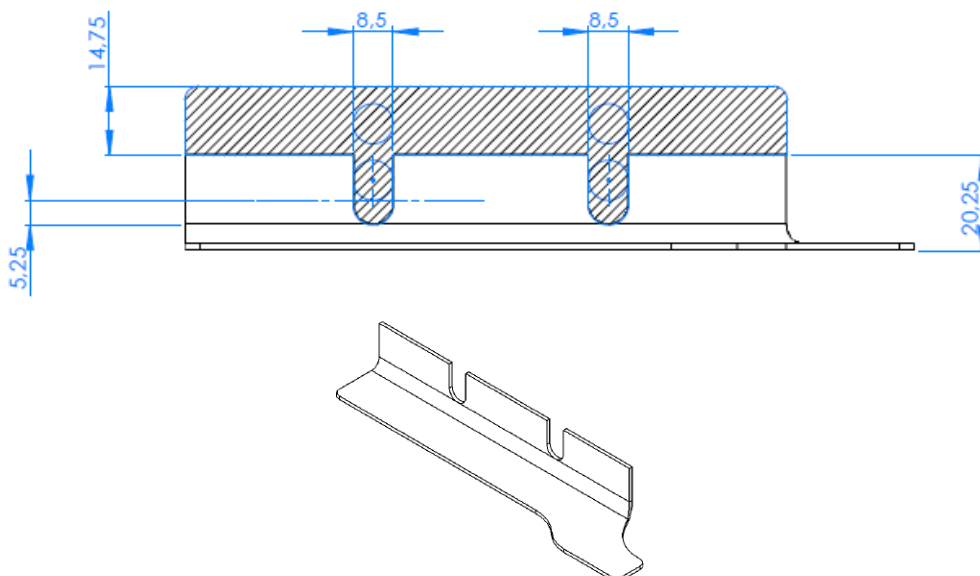
- Throttle spring axle



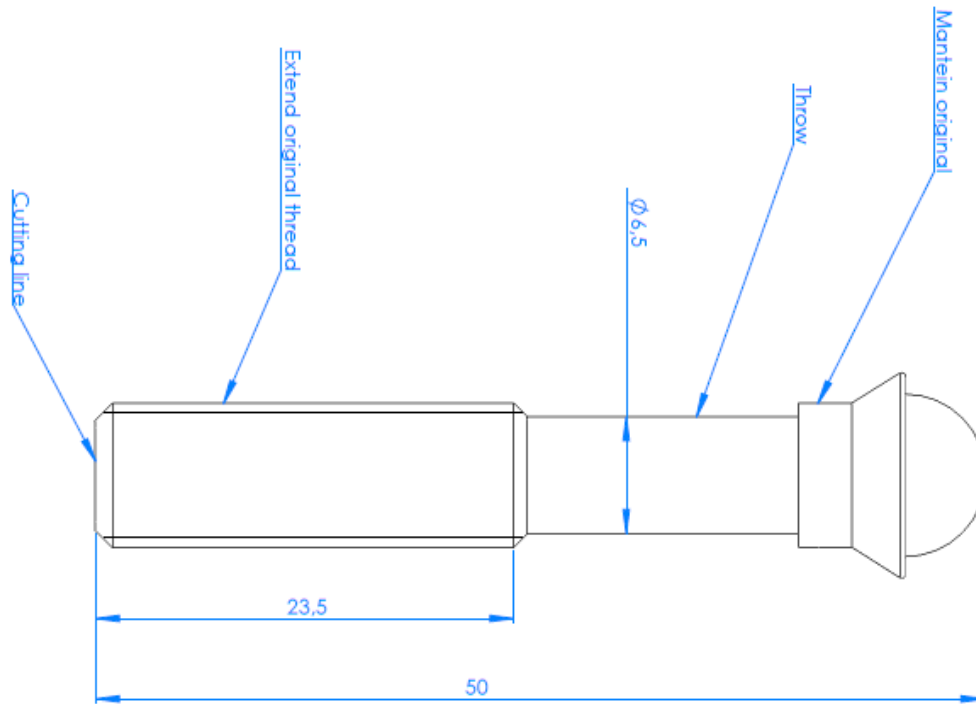
- Throttle potentiometer link rod



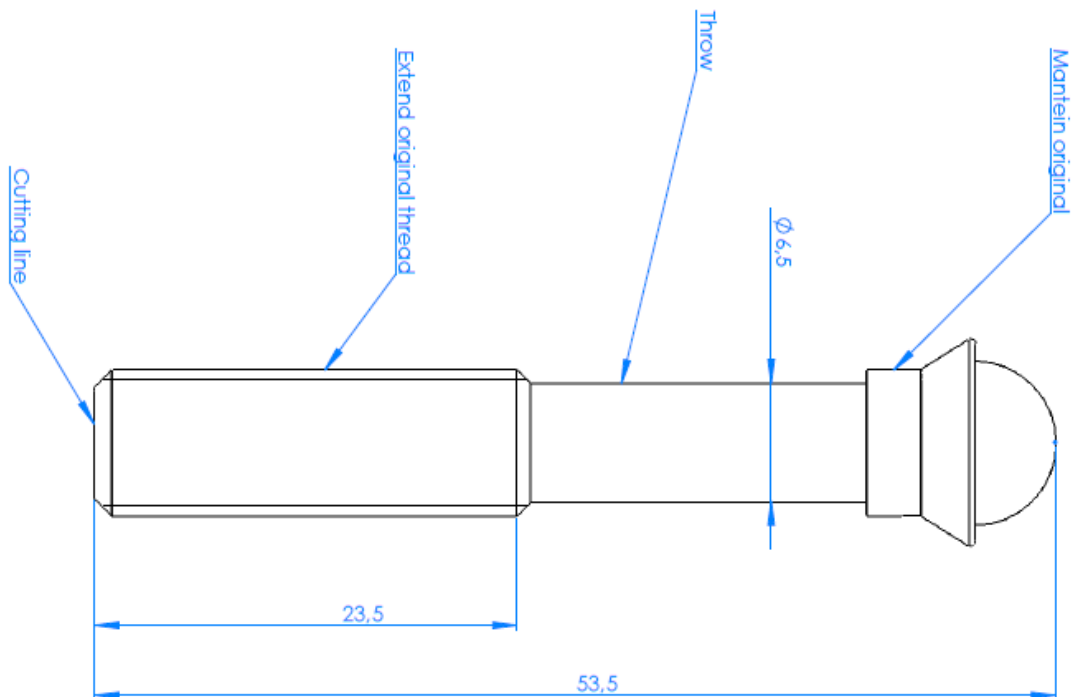
- Heelrest plate



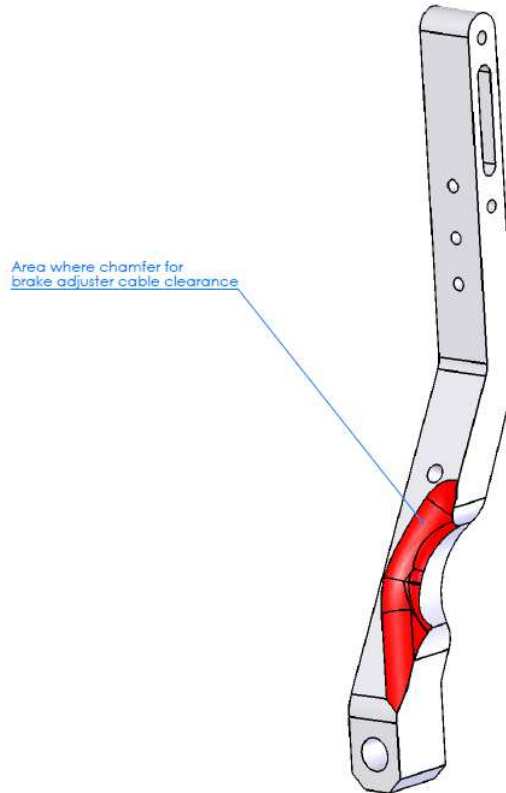
- Clutch master cylinder rod



- Brake master cylinder rods



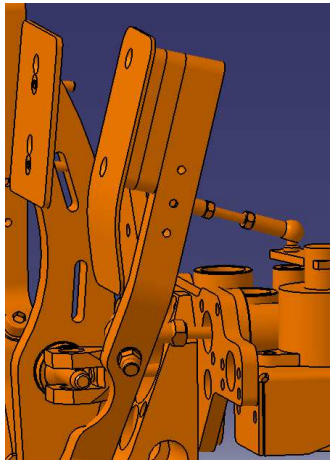
- Throttle pedal



Note: it is advised to go full throttle while bleeding the brakes to avoid any contact between brake bias cable and throttle pedal.

- Throttle pedal pad and spacers

We advise you to bend the throttle pedal pad as per the drawing below. However we remind you that the throttle pedal pad is free.

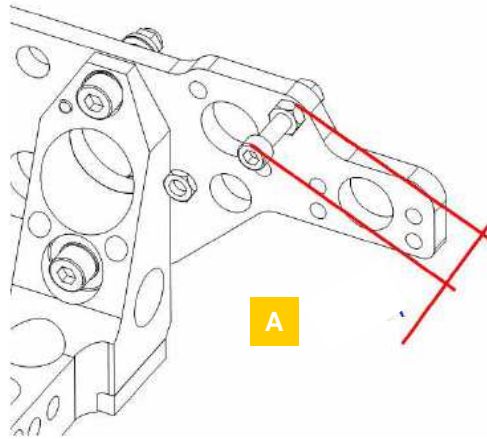


The throttle pedal pad spacers are free but we advise you a minimum thickness of 25mm with this particular pedal box version, to ensure that the driver will not touch the brake bias cable while accelerating.

- Throttle pedal setup V2

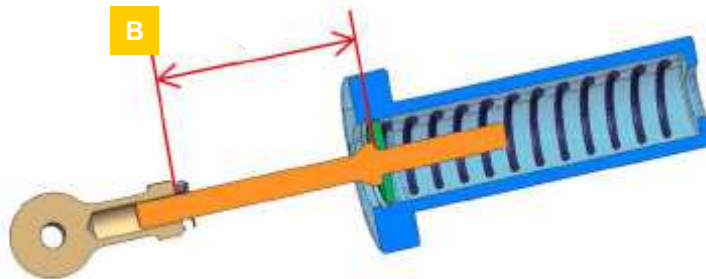
With all those modifications, the following settings must be respected as much as possible:

- Throttle pedal stop:



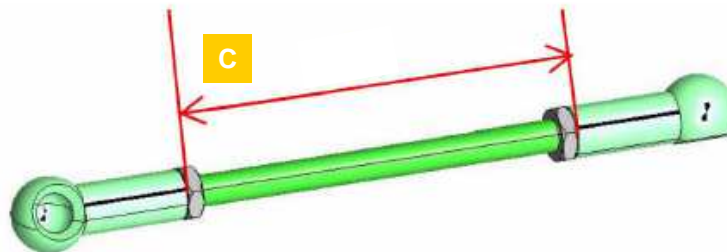
The length A must be 6,5 mm

- Damper spring:



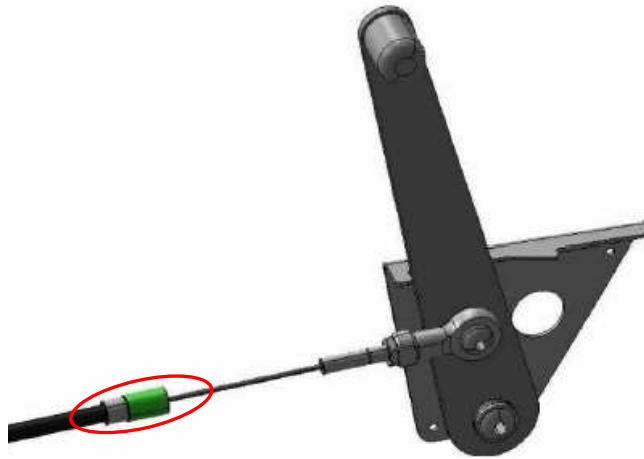
The length B must be 25 mm.

- Throttle link:



The length C should be adjusted to 25 mm.

- Clutch emergency lever:

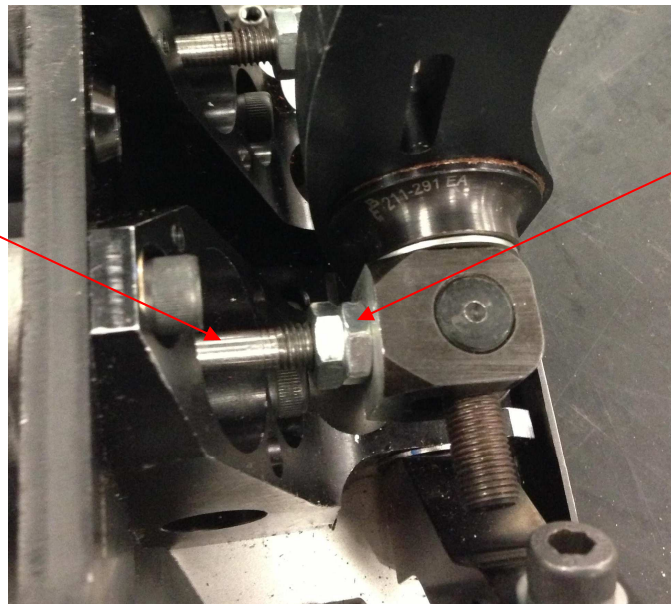


Due to pedals going forward, you will have to add another spacer (compared to the genuine pedal box position) behind the bulkhead on the emergency clutch lever cable to make it work properly. This additional spacer should have a length of about 30mm.

Note: we remind you that this spacer is free respecting that the emergency neutral system is working properly.

- Brake biais clevis

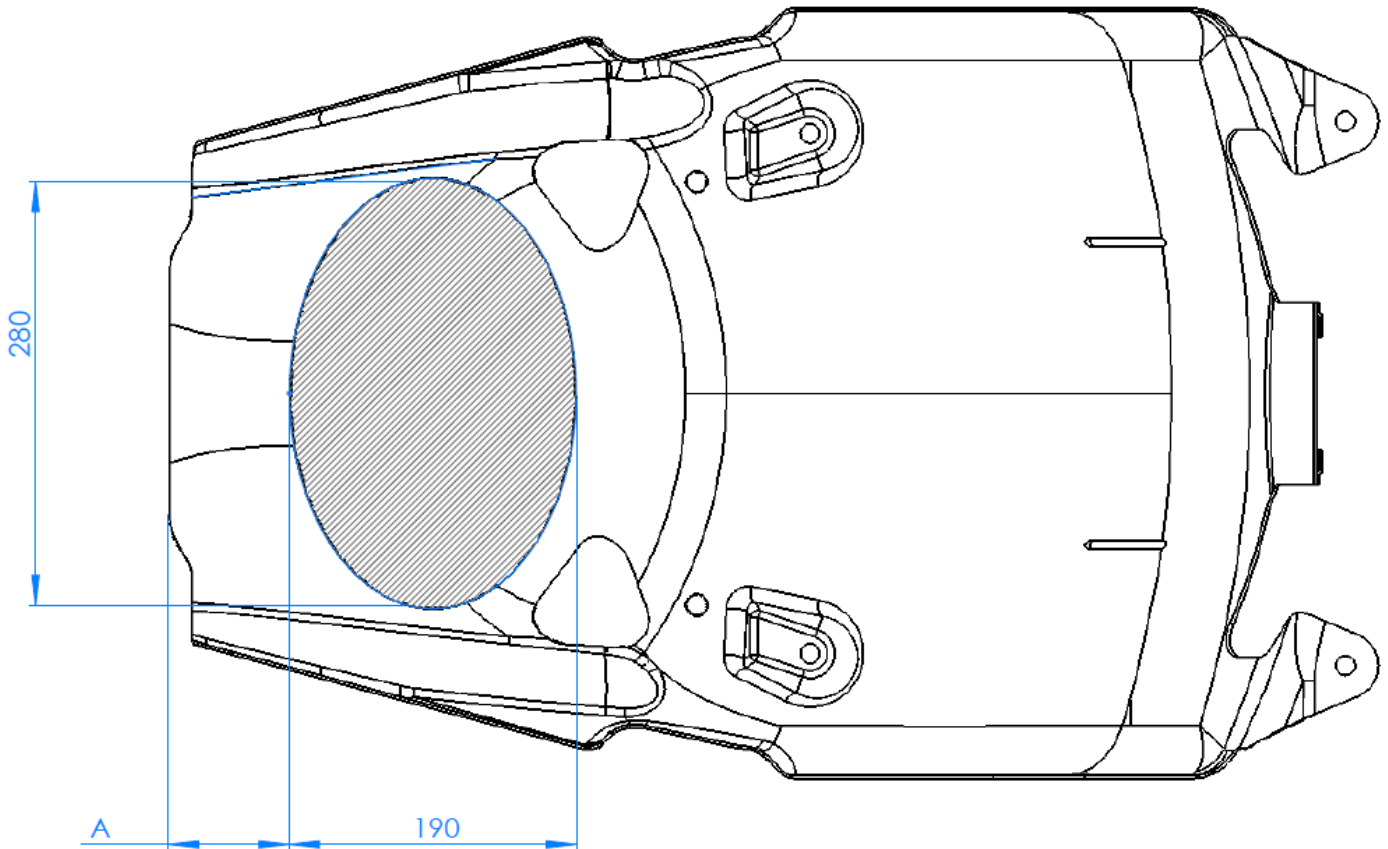
MC bellows have to be removed



Both 2 counter nuts have to be mounted on the MC axle

2. Bottom seat hole

In order to better fit tall drivers inside the cockpit, teams are allowed to drill a hole in the seat bottom respecting maximum dimensions as defined in the sketch below:



$$70\text{mm} < A < 120\text{mm}$$

This hole of maximum dimensions 190x280mm can be trimmed along the longitudinal axis according to the quotation A between 70mm and 120mm.