



## **ABS KIT fitting instructions**

Application for model: CUPRA Leon Competicion & Leon VZ TCR

# ABS KIT Content

■ **Complete kit**      **5FR 698 203**

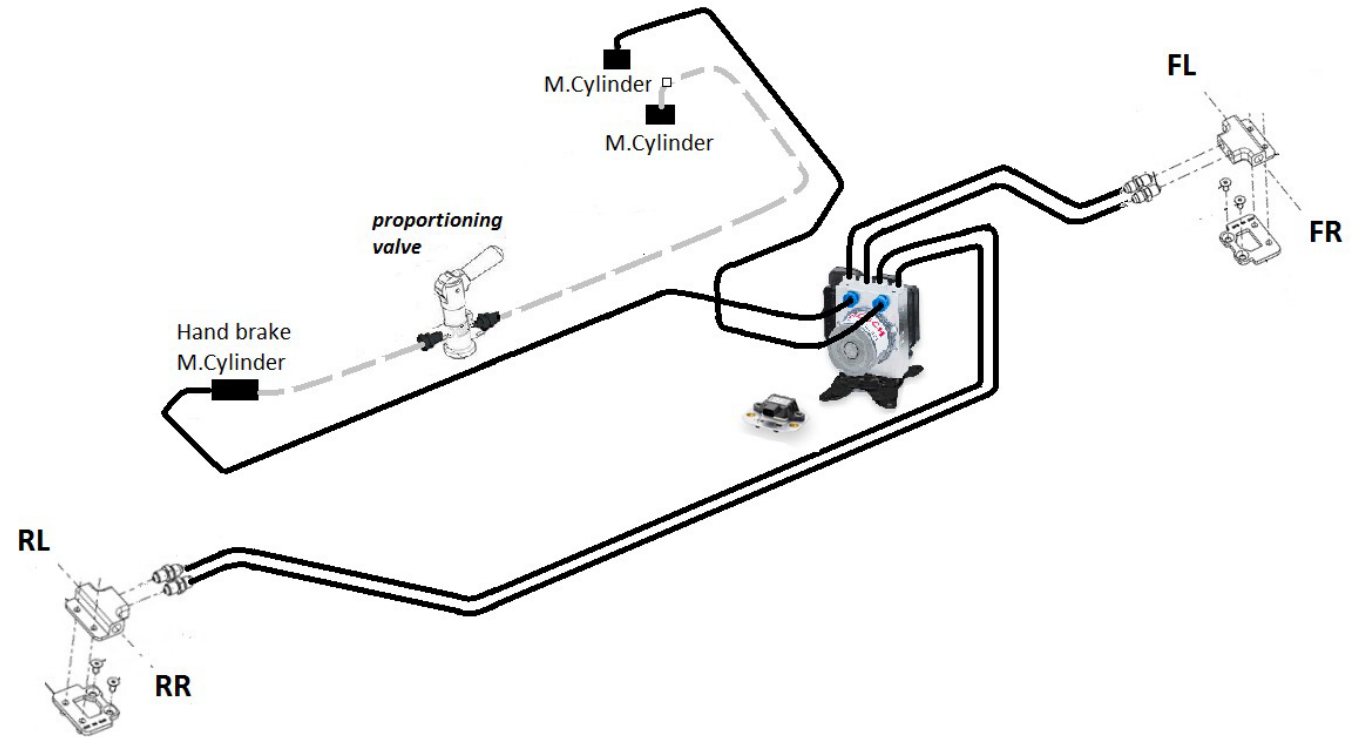
■ **Content:**

- **1 x ABS set** (Unit, Accelerometer, Sensors)
- **1 x Loom ABS**
- **1 x Power box**

**5FR614111**  
**5FR971279**  
**5FR907079**

- **1 x Set of brake line**
- **1 x Set of fitting and adaptors**

no ref.  
no ref.



# Brake line (not available on the catalogue)

- 1 x PIPE FRONT M.CYLINDER TO ABS **MC1**
- 1 x PIPE PROP VALVE TO ABS UNIT **MC2**
- 2 x PIPE ABS **FL/FR** TO FRONTDISTRIBUTOR
- 1 x PIPE ABS **RL** TO REAR DISTRIBUTOR
- 1 x PIPE ABS **RR** TO REAR DISTRIBUTOR

5FR614723  
5FR614724  
5FR614725  
5FR614727  
5FR614728

# Fitting set (not available on the catalogue)

- 2 x RACORD 03D/M10X1/03D
- 2 x RACORD 12X1 - 03D
- 4 x BULKHEAD ADAPTER
- 2 x T BRAKE BRACKET
- 2x T BRAKE BRACKET
- 2 x DISTRIBUTOR
- 8 x CLAMP DOBLE 2xØ7,5

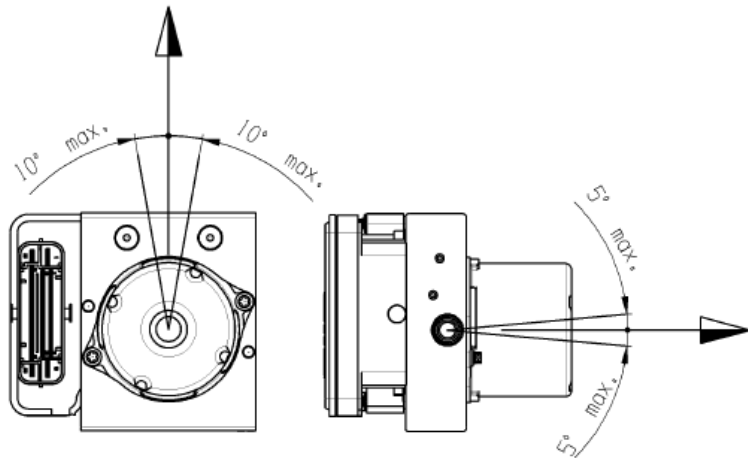
VN0005102900  
V2MT31161  
\_6KL611315  
5F6611320  
5F6611321  
VN0005110400  
\_8A0201687

- 2 X ALLEN M6X20 ZN.10.9 ISO7380
- 4 X ALLEN M5X16 ZN.8.8 DIN912
- 4 X ALLEN M5X12 ZN.10.9 DIN7991
- 1 X WASHER.Ø10XØ20X2 ZN. DIN125
- 2 X WASHER.Ø10XØ16X2 CU. DIN7603
- 2 X WASHER.Ø6XØ12X1.6 ZN. DIN12
- 4 X NUT AVIACION 6C M6 CADMIO
- 4 X SILENTBLOCK CIL. M6X20X15

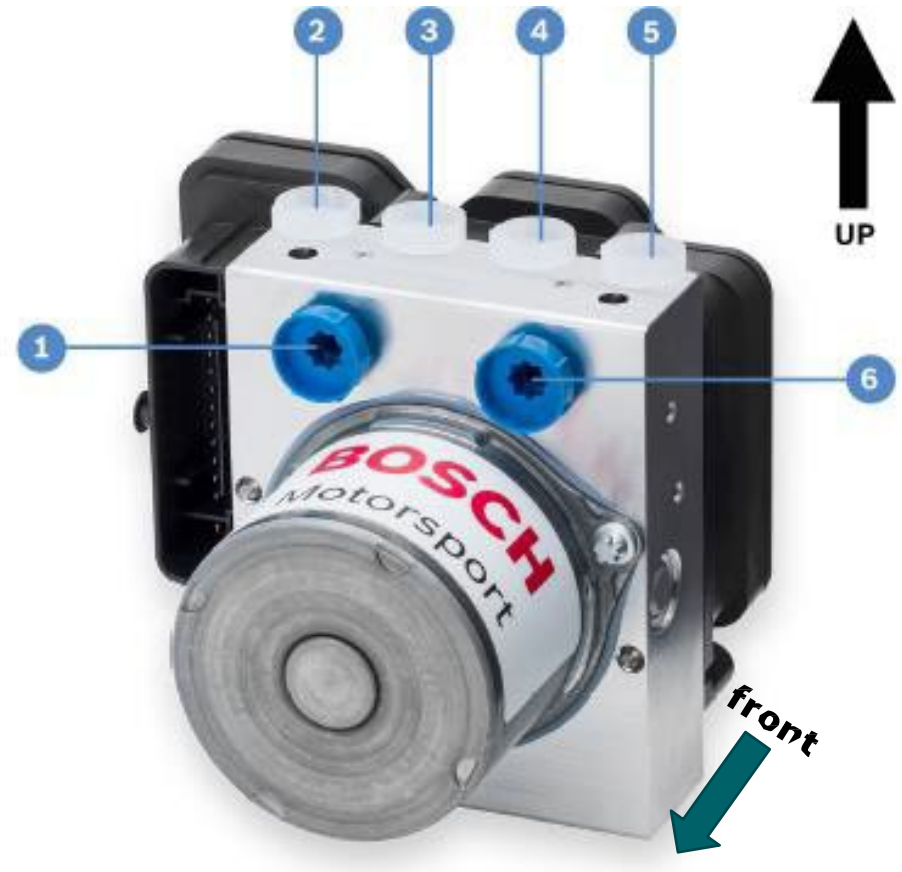
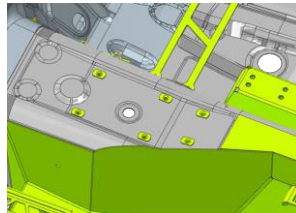
VN000191551  
VN0001148816  
VN0001816318  
VN0002001010  
VN0002341500  
VN0002000710  
VN0003220400  
VN0008086500

# ABS M5 Hydraulic connection

- 1 MC2: Brake master cylinder rear
- 2 RR: Brake cylinder rear right
- 3 RL: Brake cylinder rear left
- 4 FR: Brake cylinder front right
- 5 FL: Brake cylinder front left
- 6 MC1: Brake master cylinder front



\*mount the ABS unit in the position indicated by the brand. (Over central tunnel, in front )



## ABS Bosch

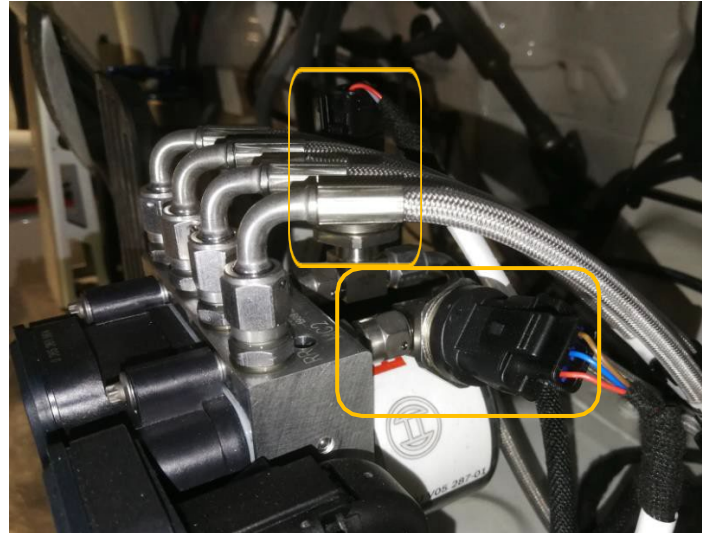
Inlet ports thread M12x1 (2x)

Outlet ports thread M10x1 (4x)

# Units in location



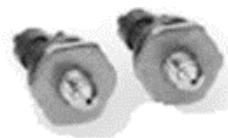
View of the ABS unit and accelerometer in location



View of the Inlet Pressure brake sensors in location  
Install the pressure sensors over the T adaptor to the MC1 / MC2 ports

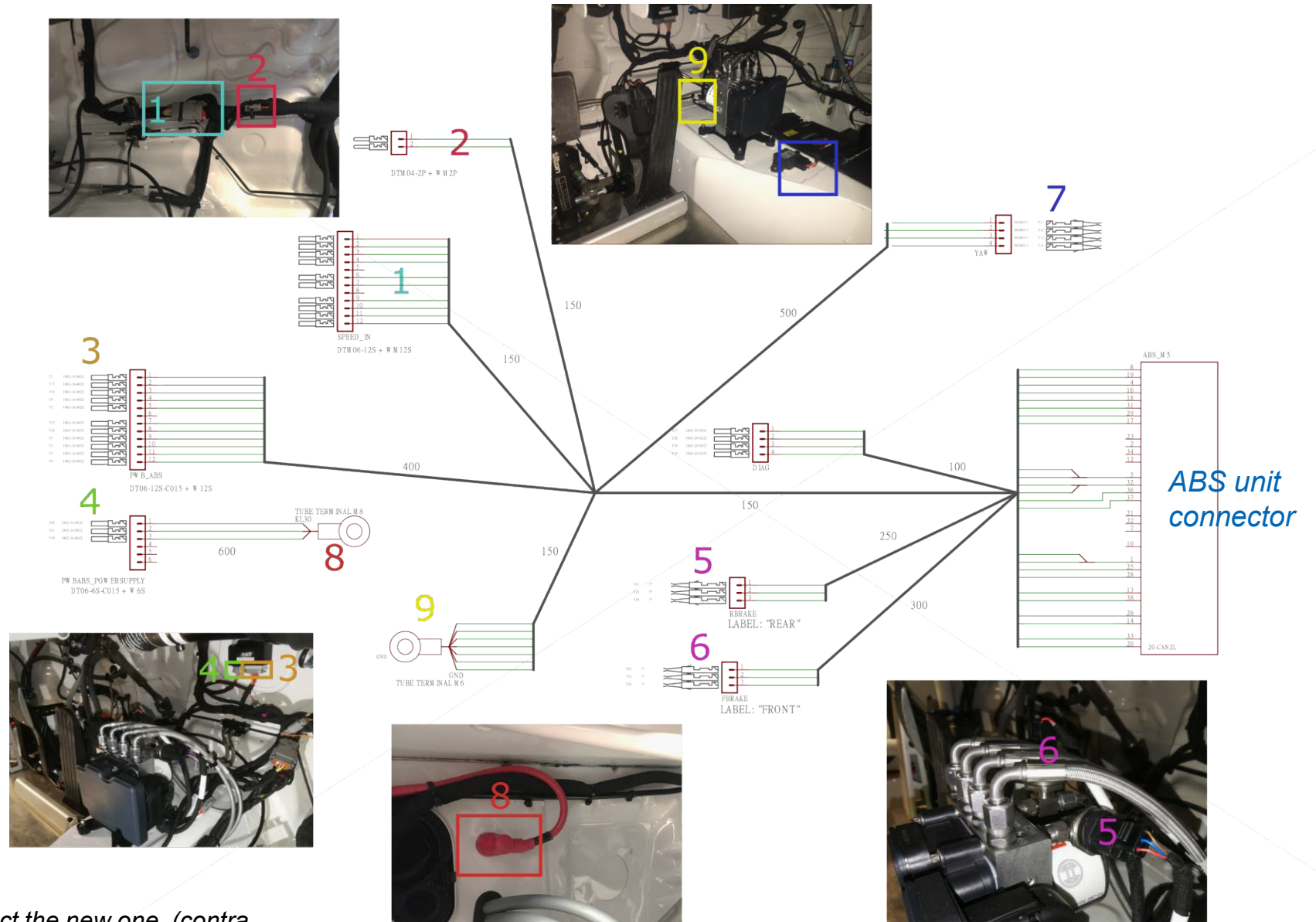


View of the PWB (power box unit) in location  
Install the PWB using hook and loop tape (3M)



# Loom connection

1. Speeds
2. CAN ABS
3. PWB
4. PWB
5. P\_brake
6. P\_brake
7. YAW & accelerometer
8. Power supply
9. GND



1. Speeds: Open the connector and connect the new one. (contra connector will remain open, protect and fix it)

# Electronic installation & usage

The system is electronically plug and play\*.

When the car detects the ABS unit the display screen and steering wheel function become active.

Short Push to de the ABS button in the steering wheel to activate / deactivate the system. To change between the 11 maps available (12=OFF), click up/down (left ones) & ABS button simultaneously.

(Same procedure used to change the PIT Limiter or FCY speeds)

ABS maps  
scroll

ABS  
switch



\*Cupra Leon Competition chassis #02 to #020 needs to update the gateway.

To do it, contact:

[technical@cupraofficial.com](mailto:technical@cupraofficial.com)



# Chassis fixing points

Firsts Cupra Leon  
Competition chassis  
numbers did not included  
ABS fixing points on the  
driver cockpit front. In case  
you need it, use the  
measures shown in the  
attached drawing to install x  
6 M6 screws. (rivet or  
welded)

