
Audi Sport
RS 3 LMS
ABS Kit Installation guide

RS 3 LMS

General information

- Optional kit for endurance racing use
- Motorsport software application
- Hydraulic concept front-rear instead of cross system
- Two references available, for using in DSG or SEQ gearboxes
- The ABS unit is served pre-filled for to make easier the installation
- Electrically connectable without loom modifications
- Display configuration available

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ABS kit content for cars w. SEQ gbx

- Complete Kit for SEQ gbx. ***5F6698203***
- Kit content:

1.	*ABS UNIT – SEQ*	*5F6614111*	*x1*
2.	*Unit bracket*	*5F6614235*	*x1*
3.	*Adapter M10x1 - 03D steel*	*_6KL611315*	*x6*
4.	*Adapter M12x1 - 03D*	*V2MT311615*	*x4*
5.	*Brake line*	*8S6611745*	*x3*
6.	*Brake line*	*8S6611746*	*x2*
7.	*Brake line*	*8S6611747*	*x2*
8.	*Distributor 4-way M10x1*	*VN0005110400*	*x2*
9.	*Spacer 5mm*	*5F6611320*	*x2*
10.	*Allen bolt Zn. 8.8 M5x16 DIN912*	*VN0001148816*	*x4*
11.	*Allen bolt Av. Zn. 10.9 M5x12 DIN7991*	*VN0001816318*	*x4*
	Fuse 40A	*_N__91186304*	*x1*
	Double clip 2xØ7,5	*_8A0201687*	*x5*

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ABS kit content for cars w. DSG gbx

- Complete Kit for DSG gbx. ***5F6698203A***
- Kit content:

1.	*ABS UNIT – DSG*	*8S6614111*	*x1*
2.	*Unit bracket*	*5F6614235*	*x1*
3.	*Adapter M10x1 - 03D steel*	*_6KL611315*	*x6*
4.	*Adapter M12x1 - 03D*	*V2MT311615*	*x4*
5.	*Brake line*	*8S6611745*	*x3*
6.	*Brake line*	*8S6611746*	*x2*
7.	*Brake line*	*8S6611747*	*x2*
8.	*Distributor 4-way M10x1*	*VN0005110400*	*x2*
9.	*Spacer 5mm*	*5F6611320*	*x2*
10.	*Allen bolt Zn. 8.8 M5x16 DIN912*	*VN0001148816*	*x4*
11.	*Allen bolt Av. Zn. 10.9 M5x12 DIN7991*	*VN0001816318*	*x4*
	Fuse 40A	*_N__91186304*	*x1*
	Double clip 2xØ7,5	*_8A0201687*	*x5*

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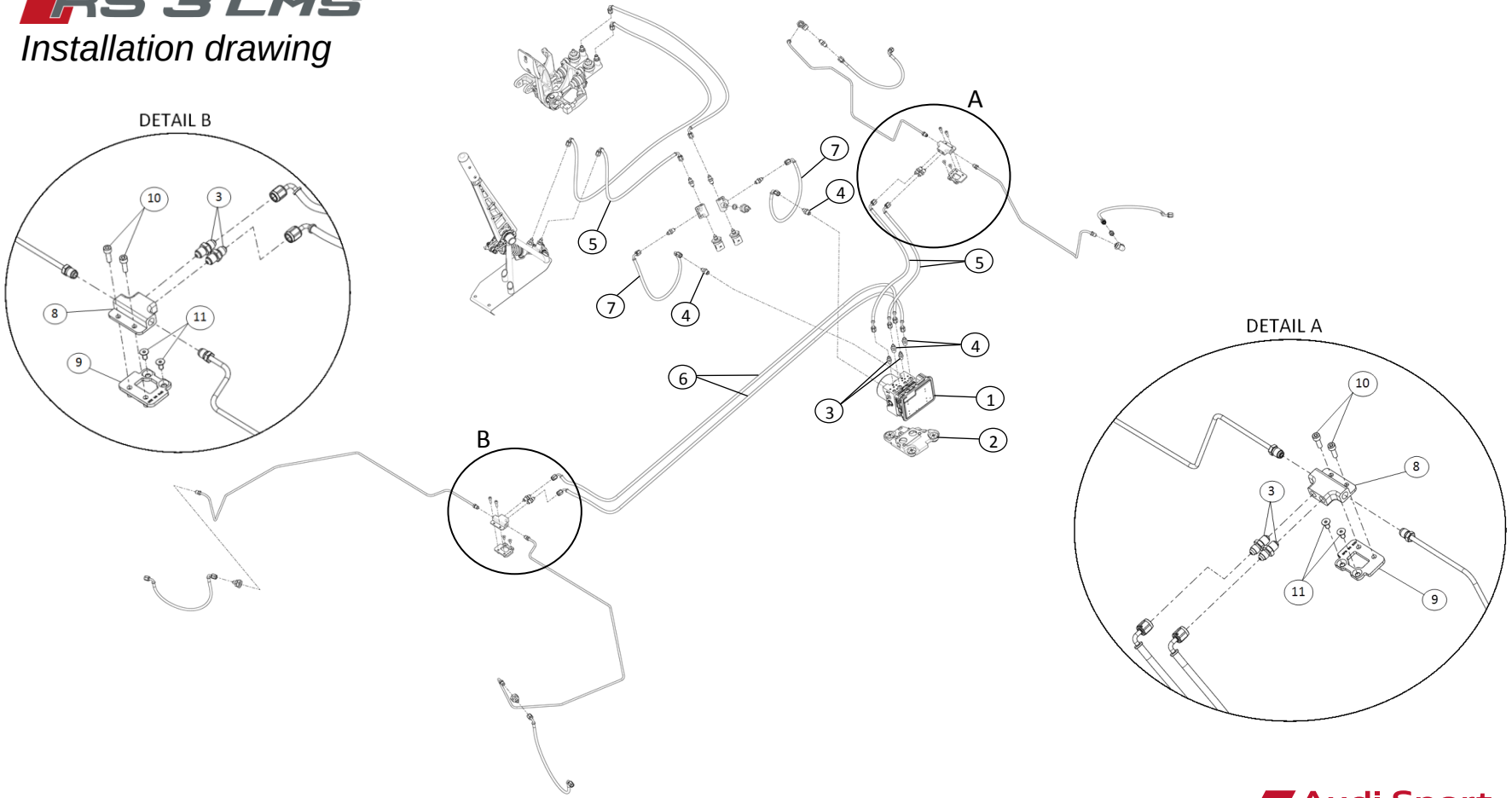
Installation drawing



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Installation process

1) **Drain** the brake system completely before installing the ABS unit. Take care and clean any brake fluid leakage.
2) **Remove** the front brake rigid pipe.
3) **Remove** the front 4-ways distributor with the brake switch and place it according to the installation drawing.
4) **Remove** the rear 4-ways distributor and change the brake pressure sensor according to the installation drawing.
5) **Remove** the rear brake pressure proportioning valve 7P with its hoses.
6) **Remove** the inlet and outlet hoses from the parking brake.
7) **Remove** the outlet hose from the rear master cylinder and fit the outlet hose from the parking brake (5F6711984) on its place.
8) **Remove** the inactive ABS unit and its bracket.
9) **Fit the new ABS unit** instead of the inactive one using the new bracket.
10) **Assemble** the front and rear 4-ways distributors with the spacers (Details A and B).
11) **Connect the hydraulic** hoses following the installation drawing and fix them using the clips.
12) **Bleed the system**, as usually in motorsport. The new unit has been pre-filled with brake fluid to make easier the assembly.
13) **Connect** the electrical plug, the brake sensors and the brake switch.
14) **Place** the new 40A fuse inside the EM box on the engine bay.
15) **Load** the new MXG display configuration according to your kit (DSG or SEQ).

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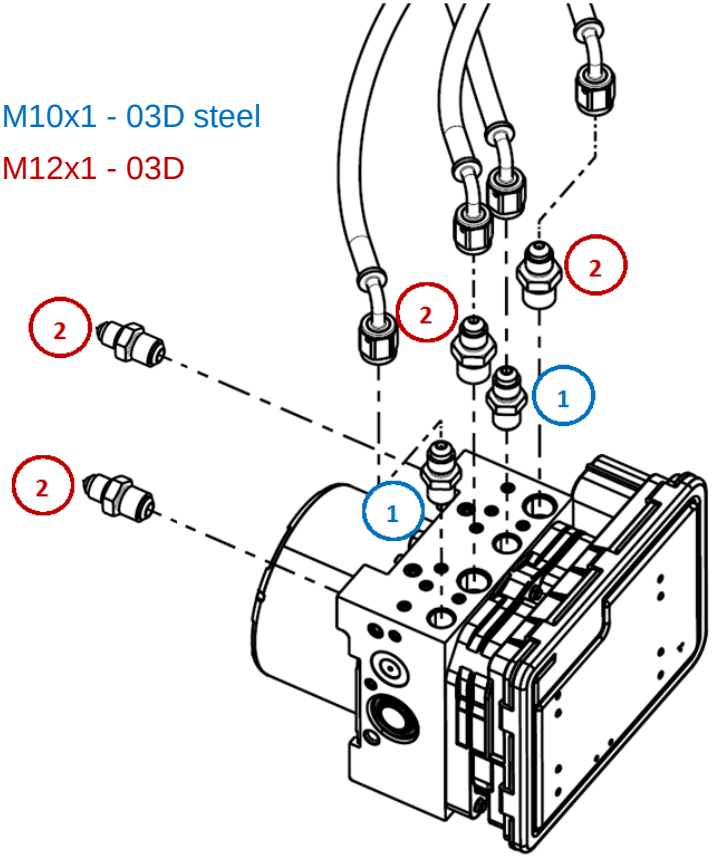
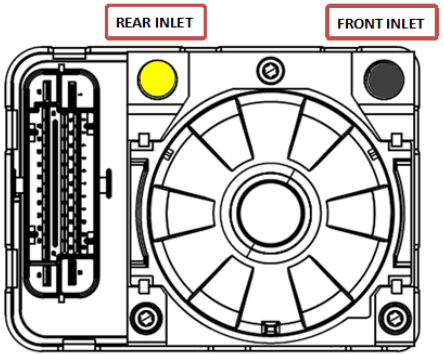
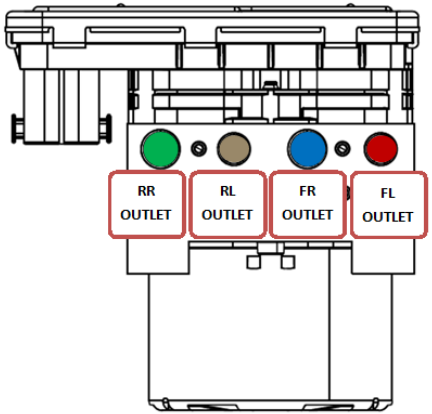
Hydraulic connections

1. _6KL611315 Adapter M10x1 - 03D steel
2. V2MT311615 Adapter M12x1 - 03D







40A fuse location on EM box

DSG Application

SEQ Application

MXG display configuration

- Take the AIM MXG configuration for DSG or SEQ.
- Import the configuration using the RaceStudio3 and send it to the MXG device. Once the configuration has been loaded successfully, you can check if the ABS is ready to work or not. On this new configuration there is a field that shows **ON** in green when the system is active and **OFF** in red when it is not.
- If after installing the system, the ABS window on the display shows **OFF**, probably the system needs to delete some failures on the brakes control unit using the DiagRA LE tool. In case you do not have this tool, just moving the car some meters should be enough to delete the failures and change the system status to **ON**.
- On DSG application, the TCS (traction control system) can be connected and disconnected keeping pushed the Diff map change button for a second. The TCS is linked with the Diff map position, being the less intrusive the first map and the most, the third one.
- On the Sequential application, the TCS is not available.

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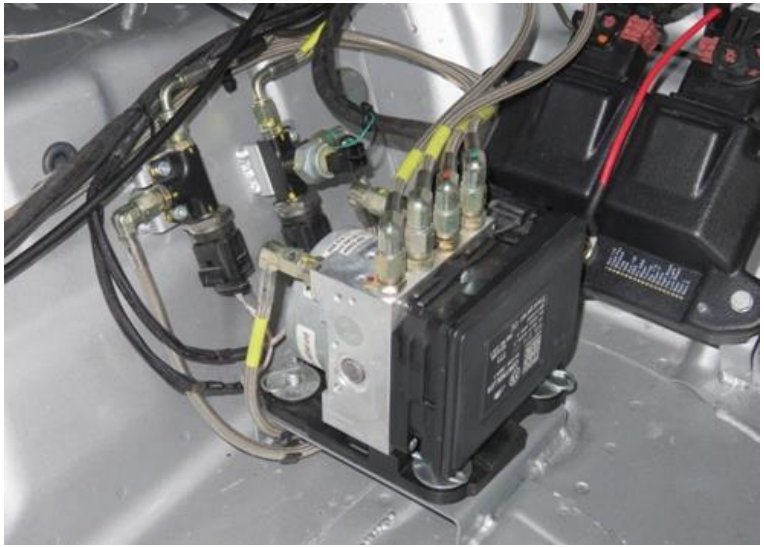
Installation pictures

ABS DISABLED

ABS HYDRAULICALLY ENABLED



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