

FITTING GUIDE

VWR150000 MQB SUBFRAME ALIGNMENT KIT

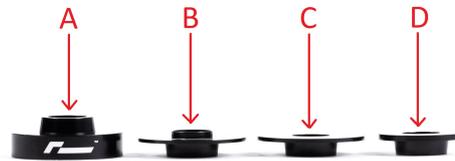
Thank you for choosing the RacingLine Subframe Alignment kit. Please ensure that this kit is correct for your particular application – see guide on website if in doubt. As suspension is a safety-critical part of your car, we strongly recommend that a professional with suitable experience fits this kit.

TOOLS REQUIRED:

½" Breaker bar & torque wrench
T25 and T30 (Removal of under tray)
½" 13mm Socket

Hydraulic jack/transmission jack
½" 16mm Socket
½" 18mm Socket

A – Rear Subframe (Underside)
B – Front Subframe (Topside)
C – Rear Subframe (Topside)
D – Front Subframe (Underside)



FRONT SUBFRAME FITTING:

1 Removal of engine undertray/cover

Lift car and remove wheels. Secure with axle stands if not using a vehicle lift. Using a T25 remove the screws which hold the undertray in place and remove it. Now carefully place a hydraulic jack/transmission jack centrally under the front subframe to support its weight.

2 Subframe bracket removal

Using 13mm socket remove the 4 anti-roll bar bolts from the rear of the front subframe. Disconnect any wiring loom that may be connected to subframe at this point (such as oil level sensor).

3 Detach steering rack

Using 18mm socket remove the two bolts which hold the steering rack in place, this aids in lowering the subframe away from the chassis.

4 Detach front subframe

Using 18mm and 16mm sockets remove the subframe bolts. Once removed, use the hydraulic jack to gently lower the subframe by 25-50mm (enough to gain access to top mounting points on the subframe).

5 Insert Subframe location kit and reattach subframe

We recommend replacing the original subframe bolts with new ones - as stretch bolts they are intended for one-time use only. Place collar B onto the topside mounting surface of the subframe then place collar D over the bolt. Raise the subframe into place and torque bolts to factory settings. Reattach engine tray/cover.

REAR SUBFRAME FITTING – Repeat steps 4 and 5 but using collar items C and A – at all times ensuring subframe is supported securely.

 **IT'S CRITICAL TO PERFORM A FULL WHEEL/GEOMETRY ALIGNMENT BY A PROFESSIONAL AFTER FITMENT.**