

Polo GTI AW mk6

MQB-A0 / 2.0 TSI EA888.3B

FITTING INSTRUCTIONS



WHAT'S IN THE KIT?

- ✦ 1 x Carbon Airbox
- ✦ 1 x Foam Filter
- ✦ 1 x Silicone Hose
- ✦ 1 x 70*40mm Silicone Joiner
- ✦ 1 x Intake Bracket
- ✦ 4 x 60 – 80mm Hose Clips
- ✦ 1 x Rubber Retaining Strap
- ✦ 2 x M6 x 50mm Cap Head Bolts
- ✦ 2 x Carbon Spacers

REQUIRED TOOLS AND PARTS

- ✦ T30 Torx Bit or Screwdriver
- ✦ 10mm Socket
- ✦ 6 & 7mm Socket/Spanner
- ✦ Hose Clamp Pliers or Pliers

FITTING NOTES

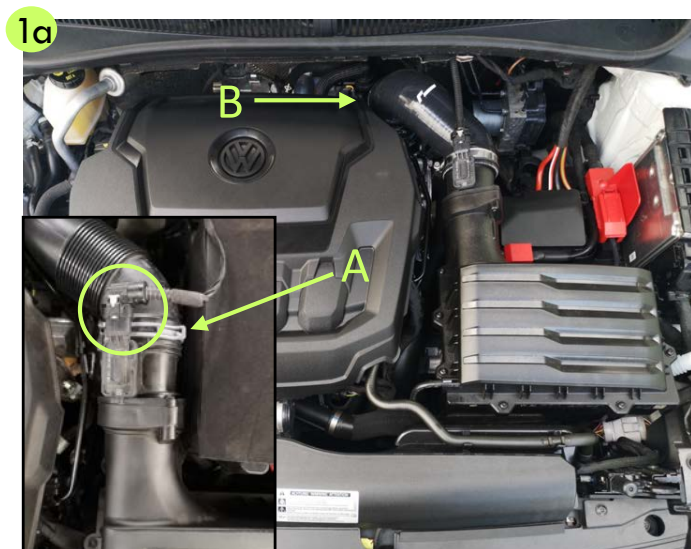
- ✦ Air filter kits are of great importance to providing the engine with the cleanest and correct volume of air. They should therefore be fitted with the utmost care and attention.
- ✦ It is recommended that they are fitted by persons possessing the necessary expertise i.e. a trained vehicle technician.
- ✦ Regional and model variances do occur across the vehicles that this part is intended for, which may lead to some minor differences between descriptions and pictures shown in this document. If in doubt, please contact your distributor or Volkswagen Racing UK
- ✦ Where left and right are referred to in these instructions, they mean when viewed looking into the engine bay from the front of the car.



Step 1:

OEM Intake Removal – First disconnect the Mass Air Sensor (MAF), then using a pair of hose clamp pliers. Remove the hose clip which attaches the hose to the air box label A.

Next using a 7mm Socket loosen the hose clip labeled B, with this clip released, pull the hose backwards and then up (this may take a little force) to remove the hose from the airbox and turbo elbow. Place this hose aside.



Step 2:

Removal of OEM Airbox – Now the hose is removed, disconnect the vac hose on the left-hand side of the OEM which is highlighted in figure 1a. Now with a firm grip on the OEM airbox pull up until all 3 rubber bobbins are disconnected and the airbox can be removed from the vehicle.

Step 3:

Removal of MAF Sensor – The MAF sensor is required for installation of the RacingLine intake system.

Using a T30 Torx bit/driver remove the MAF retaining screws and turn the MAF to remove, once removed place aside as this will be required in Step 7.



Step 5:

Installation of RacingLine Intake - Now the stock intake system has been removed, pull off the OE breather hose from the take-off on the side of the engine. Replace this with the supplied silicone breather hose. This is located on the right-hand side of the intake manifold, is *Figure 5a* for reference.



Step 6:

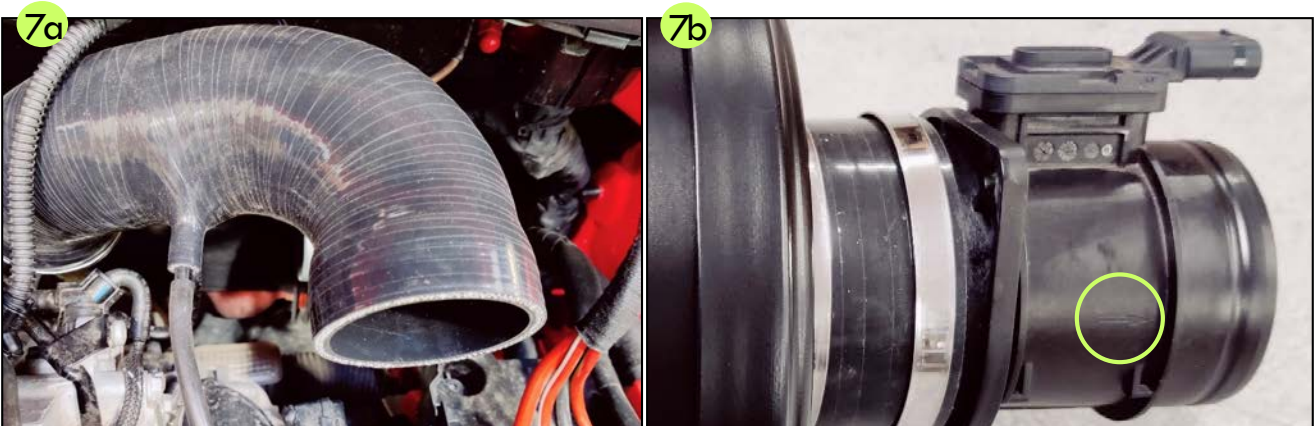
Installation of Intake Bracket – Locate the rear 2 x M6 screws for the multi-fuse unit bracket, remove these and insert the 2 x carbon spacers and place the RacingLine intake bracket over the carbon spacers. Next using the 2 x M6*50mm bolt down the intake bracket.

Step 7:

RacingLine Intake Pre-assembly & MAF Install – First Stage is to assemble the MAF onto the carbon airbox as shown in *figure 7b*, using the 70*40mm silicone joiner and 2 x 60-80mm hose clips. Please note the MAF needs to be installed in a specific direction which is indicated on the OEM part, shown in *figure 7b*.

Next loosely fit the silicone hose on the turbo outlet and insert the vac silicone hose from Step 5, using the supplied black hose barb. See *figure 7a* for reference.

Finally, offer the pre-assembled carbon airbox into the vehicle engine bay and insert the factory air duct outlet into the carbon intake section, while inserting the MAF end into the silicone intake hose of the assembly.



Note: The arrow on the MAF housing must point towards the rear of the car as shown.

Step 8:

Final fitment of RacingLine Intake – Now the intake hose and carbon airbox is in place, orientate and tighten the 4 x hose clips using a 7mm socket and strap the intake hose onto the intake bracket as shown on *Figure 8a*.

