

# Polo Gti 2.0 AW

MQB-A0 / 2.0 TSI EA888.3B

VWR12P2GTG/M

FITTING INSTRUCTIONS



## WHAT'S IN THE KIT?

- ✦ 1 x Carbon Airbox
- ✦ 1 x Foam Filter
- ✦ 1 x Silicone Hose
- ✦ 1 x Vac Silicone Hose & Barb
- ✦ 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
- ✦ 5mm Allen Key
- ✦ 10mm Socket
- ✦ 6 & 7mm Socket/Spanner
- ✦ Hose Clamp Pliers or Pliers

## FITTING NOTES

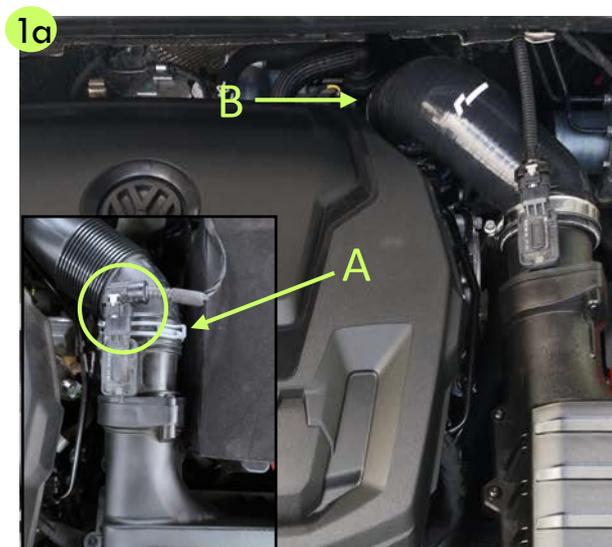
- ✦ Air filter kits are of great importance to providing the engine with the cleanest and correct volume of air. They should therefore be fitted with the utmost care and attention.
- ✦ It is recommended that they are fitted by persons possessing the necessary expertise i.e. a trained vehicle technician.
- ✦ 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 5.



**Step 4:**

**Install of RacingLine Intake Bracket** – Once the factory air intake has been removed, installation of the RacingLine intake can take place.

The first stage is to install the intake mounting bracket, this is preformed by removing the 2 x T30 Torx/10mm bolts. Next place the 2 x carbon spacers into these bore holes. Offer the bracket onto and bolt into place using the 2 x M6\*50mm cap head bolts using a 5mm allen key/driver.

**Step 5:**

**Assemble of RacingLine Air Box / MAF / Intake Hose** – The next stage is to assemble the RacingLine intake system into place. This allows for all components to be aligned and then tightened in the correct orientation.

First slide the provided 70\*40mm silicone joiner onto the Airbox outlet, at this point slide 2 x 60-80mm hose clamps onto this silicone joiner ready for Step 6. Now insert the MAF which was removed in Step 3, please note the direction of flow is correct, see *Figure 5a* for reference.

Next step is to install the Intake hose, this requires 1 x 60 – 80mm hose clamps on each end of the intake hose. Then push the end without a RacingLine logo on, onto the turbo elbow, and the other end push onto the MAF sensor.

Once the MAF joiner and intake hose are in place, align the kit to ensure no contact to any surrounding components and align on the intake mount correctly. Once this has been completed, tighten the 4 x 60 – 80mm hose clamps in a suitable orientation for form and function. Use *Figure 5b* for reference.

Finally using the provided rubber retaining strap, hook one side at a time over the silicone intake hose to hold the intake firmly in place. See highlighted section in *Figure 5b* for reference.

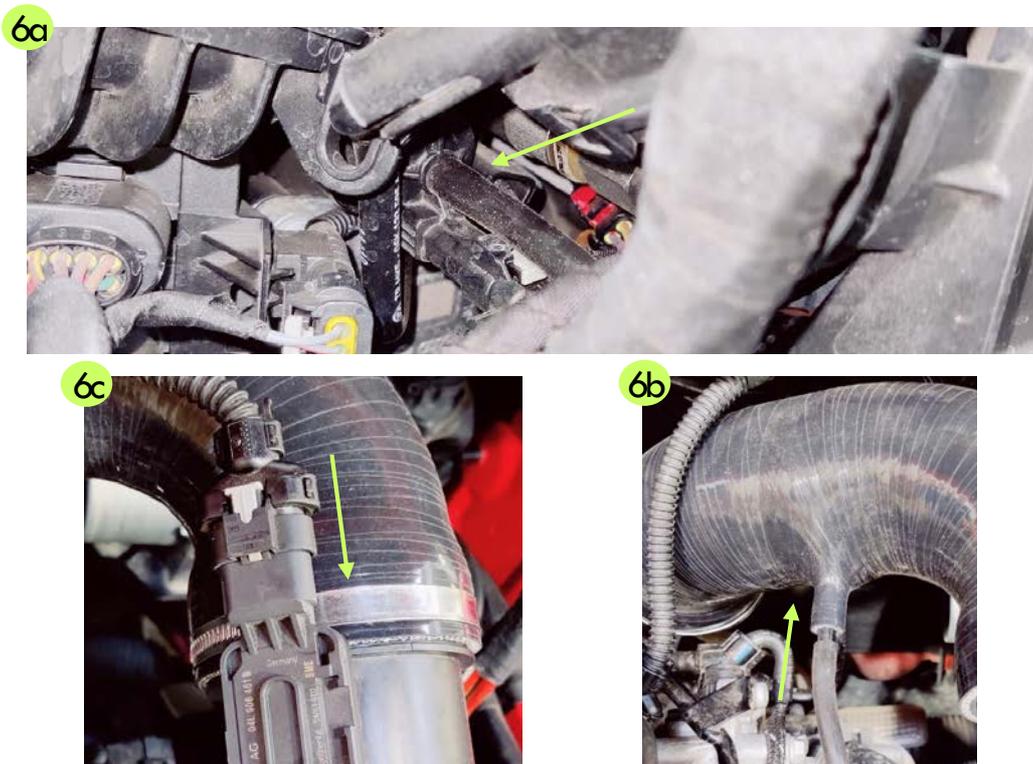


**Step 6:**

**Install of Vac Hose & MAF Sensor Connector** – Now the intake is fully assembled the vac hose and MAF sensor need to be re-fit.

The OEM vac hose which was disconnected from the OEM airbox in Step 2 needs to be removed from the other end and be replaced with the provide silicone hose, this is shown in Figure 6a. Once this end is install insert the provided barb and join the silicone hose the intake hose as shown in Figure 6b.

Final stage of this install is to plug in the MAF sensor, ensure a solid clip when the securing clip is pushed back into place. This is shown in Figure 6c.



The installation is now complete.

