

2.0 TSI EA888.4 Continental Turbo Inlet system

MQB EVO 300/310/320

VWR120010

FITTING INSTRUCTIONS



WHAT'S IN THE KIT?

- ▷ 1 x Aluminium Turbo Elbow
- ▷ 1 x Silicone Intake Hose
- ▷ 1 x Diverter Valve (DV) Outlet
- ▷ 1 x 25-40mm Hose Clip
- ▷ 1 x 70-90mm Hose Clip
- ▷ 1 x 80-100mm Hose Clip

REQUIRED TOOLS AND PARTS

- ▷ T30 Torx Bit & 100mm Extension & Ratchet
- ▷ Screwdriver / 7mm Hex Socket
- ▷ OEM / Spring Clip Remover



Step 1:

Removal of OEM Intake Hose – Using a 6mm socket loosen the rear hose clip highlighted in *Figure 1a*. Using spring Hose clip removers, clamp together the spring clip and move up the intake hose to allow the hose to be pull back towards the firewall of the engine bay, shown in *Figure 1a*. Next the diverter valve (DV) port needs detaching, this is completed by pinching the 2 x release clips simultaneously and then pulling the DV pipe hose from the intake hose outlet, shown in *Figure 1b*. Final stage is to pull up on the rear of the hose and remove from the engine bay.



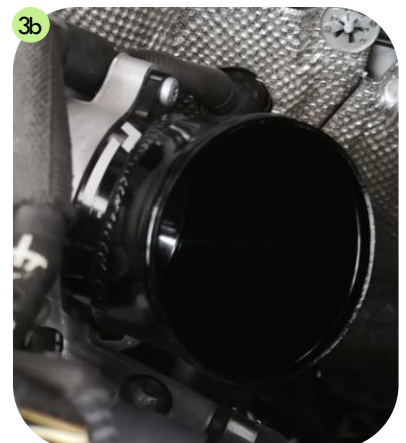
Step 2:

Removal of OEM Turbo Elbow – Using a T30 Torx bit, extension and ratchet, detach the screws for the OEM turbo elbow, these are highlighted in *Figure 2a*. The First screw can be seen on the upper side of the turbo elbow, remove and set aside, repeat this process for the T30 on the underside of the turbo elbow and set aside as these are required in Step 3. Once both bolts are removed, pull the turbo elbow towards the right hand side of the engine bay and remove the OEM turbo elbow.

Step 3:

Installation of RacingLine Turbo Elbow – Now the OEM turbo elbow and intake hose have been removed, the fitment of the RacingLine Turbo elbow can be completed. First stage is to apply a thin coating of engine oil or silicone lubricant on the O-Ring to ensure no damage when inserting the turbo elbow. Next thread in 1 x OEM T30 Torx bolt into the lower mounting holes by $\frac{1}{4}$ of its length, this will allow the RacingLine turbo elbow to be guided into the turbo inlet correctly, this is shown in *Figure 3a*.

Next thread the upper side OEM T30 bolt, both bolts can now be tightened down to hold the RacingLine turbo elbow firmly in place. Shown in *Figure 3b*.



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Step 4:

Installation of RacingLine Intake Silicone DV Outlet – Next locate the DV outlet joiner and clip onto the factory DV pipe as shown in *Figure 4a*. The joiner is directional and will not clip in place unless it is inserted the correct orientation. Inserting the DV adapter in first ensures the alignment is correct for when the intake hose is installed in Step 5.



Step 5:

Installation of RacingLine Intake Silicone – Final stage is to install the silicone intake hose, place the 3 x hose clips on the intake hose as follows;

1. 25-40mm clips onto DV adaptor outlet / Shown in *Figure 5a*.
2. 70-90mm clips into airbox end of hose (Identified with RacingLine logo) / Shown in *Figure 5b*.
3. 80-100mm clips onto turbo elbow end of hose / Shown in *Figure 5b*.

Now all required hose clips are in place offer the hose into place, first insert the DV adaptor into the silicone hose and then push onto turbo elbow and airbox.

Once the hose is aligned correctly, tighten down the hose clips using a 7mm socket and driver.

Installation is now complete.

