



INSTALLATION GUIDE

2006+ VW/Audi 2.0T High Performance Diverter Valve

FOR RACING USE ONLY

Congratulations on your purchase of the AWE Tuning high performance diverter valve for the 2006+ VW/Audi Transverse configuration 2.0T engine.

Exquisite build quality with industry leading performance distinguishes this diverter valve from all others.

Contact us with any installation questions.

215-658-1670

AWE-Tuning.com

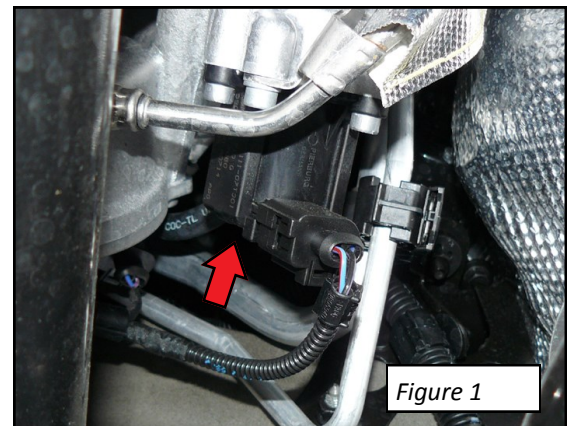
performance@AWE-Tuning.com

PARTS LIST

- 1 High performance diverter valve assembly
- 1 Electronic Valve Simulator plug
- 1 3mm x 5ft long silicone hose
- 5 Small zip tie
- 2 Medium zip tie
- 2 11mm hose piece (FSI only)
- 1 10mm T-fitting (FSI only)
- 1 3mm T-fitting (FSI only)
- 4 10-16 hose clamp (FSI only)

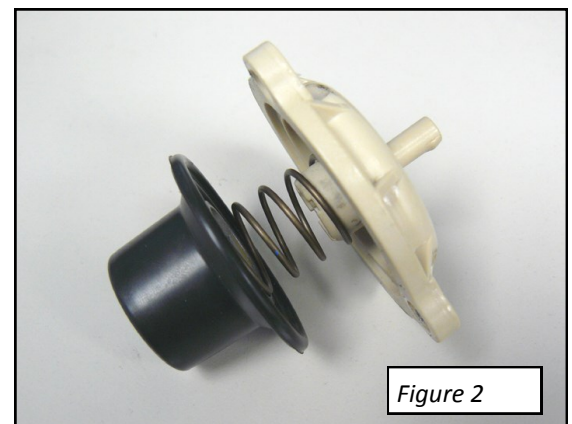
Step 1

Remove the factory diverter valve shown at arrow in **Figure 1** using a 5mm Allen bit socket and ratchet. Disconnect the electrical connector.



Step 2

Assemble the AWE Tuning high performance diverter valve components as shown in **Figure 2**.



Step 3

Install the high performance diverter valve components using the included bolts and a 10mm socket and ratchet as shown in **Figure 3**.

BE SURE TO HOLD THE DV ASSEMBLY SQUARE TO THE TURBO WHEN INSTALLING. THE DIAPHRAGM CAN BE PINCHED IF INSTALLED ON AN ANGLE, WHICH WILL RESULT IN A TEAR.

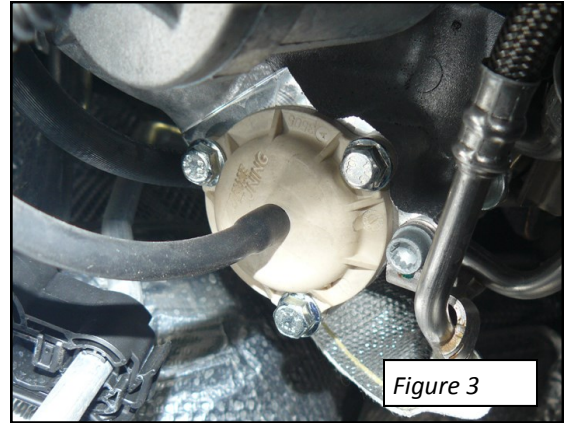


Figure 3

Step 4

Plug the Electronic Valve Simulator into the electrical connector that was attached to the factory diverter valve.

Use the medium zip ties to secure it out of the way as shown in **Figure 4**.

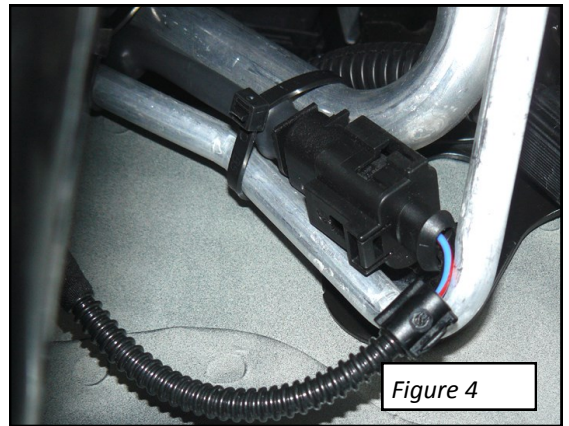


Figure 4

Step 5

FSI Engines 2006-2008:

Remove the engine cover. To remove, disconnect the metal clips and wiring harness from the MAF sensor (at **arrow A** in **Figure 5**), disconnect the air intake hose by squeezing the clamp with pliers (at **arrow B** in **Figure 5**). Then grasp the cover at either side and firmly pull upwards. The cover is attached to engine with pegs that pop into rubber grommets, so some force may be necessary to release it.

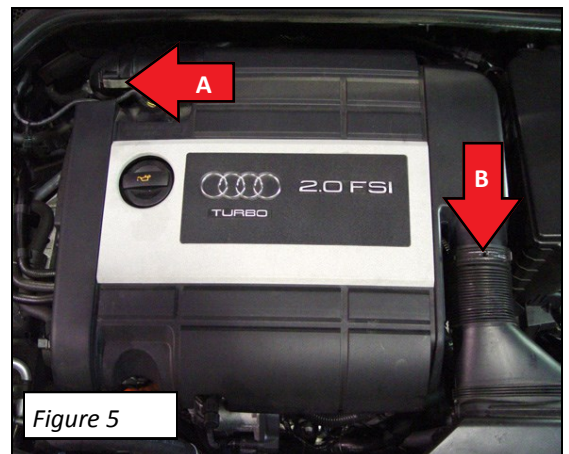


Figure 5

TSI Engines 2008+:

Remove the engine cover. The cover, as shown in **Figure 6**, is attached to the engine with pegs that pop into rubber grommets. Pull up carefully on each side to release.

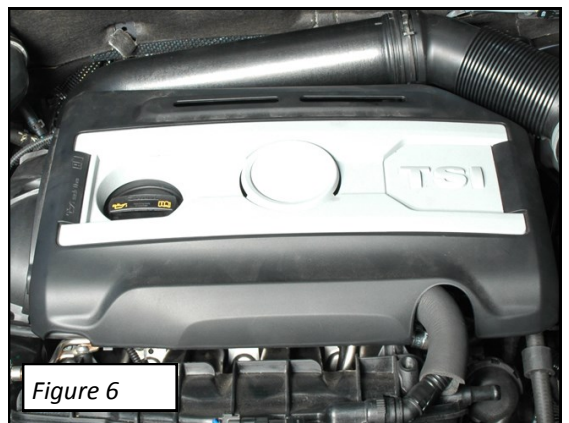
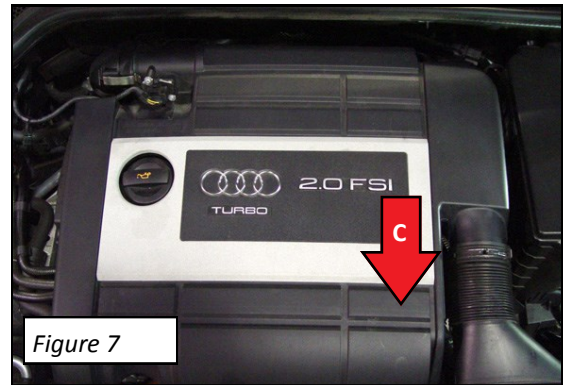


Figure 6

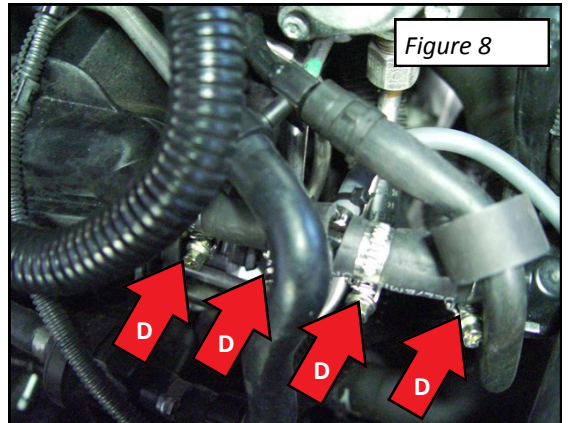
Step 6

FSI engines 2006-2008:

Install the enclosed T-fitting to the end of the intake manifold (located beneath engine cover at **arrow C** in **Figure 7**). To install, cut the one-time-use clamps with a pair of snips and remove the ~1.5" long OEM rubber hose at that location.



Install the enclosed T-fitting with the enclosed rubber hose sections and hose clamps as shown at **arrows D** in **Figure 8**.



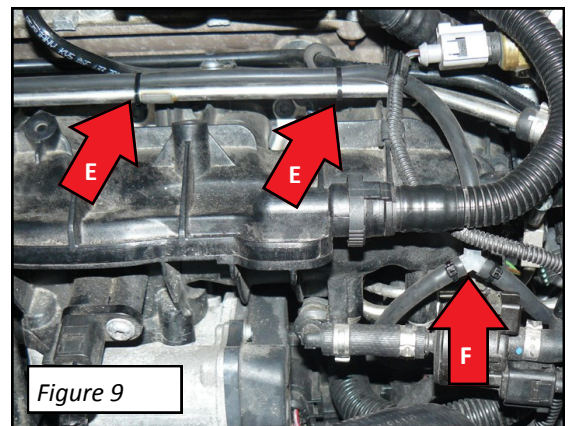
TSI engines 2008+:

Follow the instructions to install the included AWE Tuning TSI Boost/Vacuum Tap kit. Connect the boost gauge hose to the included t-fitting.

Step 7

Attach the 5ft long 3mm hose to the t-fitting with a small zip tie. Route the hose to the diverter valve, using zip ties to secure along the way (at **arrows E** in **Figure 9**). Cut off any extra hose slack and secure the hose to the diverter valve port as shown in **Figure 3** on previous page.

Note: If you have previously installed an AWE Tuning boost gauge, you must remove the original 10mm restrictor t-fitting and replace it with the new one as described in Step 6. Attach your boost gauge line by splicing in the enclosed **3mm t-fitting** as shown at **arrow F** in **Figure 9**. Make sure the leg with the brass restrictor is attached to boost gauge line, and not to the line going to the diverter valve.



All engines:

ENJOY



Any questions or comments,
please do not hesitate to contact us:

1-888-565-2257
AWE-Tuning.com
performance@AWE-Tuning.com



AWE Tuning
2385C Maryland Road
Willow Grove, PA 19090
215-658-1670
performance@AWE-Tuning.com

Thank you for choosing AWE Tuning as your performance automotive parts supplier. Please remember that a performance car is only as strong as its weakest link. Therefore, it is vital that you maintain your vehicle to factory specifications.

By installing or using the purchased product, the Consumer accepts this warranty and any specific Manufacturer warranties enclosed.

Limited Warranty

The following warranty is valid only in the United States.

The Manufacturer's full warranty applies to all products sold.

Secor Ltd. (AWE Tuning) warrants to the original retail purchaser (Consumer) this product (2.0T Transverse High Performance Diverter Valve) against manufacturing defects for ONE YEAR.

Upon verification of warranty coverage, AWE Tuning will repair or replace the defective product at their discretion, without charge. This is the only remedy the Consumer has for any loss or damage, however arising, due to nonconformity in or defect of the product. This warranty does not cover consequential damage, loss of time or revenues, inconvenience, loss of use of vehicle, damage to the vehicle or components, shipping costs, or other incidental or indirect damage.

All warranties are void if the product was not installed by a certified auto mechanic, improperly serviced, modified, or used in a way not intended by the Manufacturer. Use of product in Motorsports or Racing conditions is grounds for warranty denial. Motorsports and Racing is an inherently abusive operational condition, and it is impossible to warranty for this type of usage.

The Consumer is responsible for ensuring that the product is installed in a safe and proper manner, and should cease usage of the product immediately if an unsafe or improper condition is noted. If an unsafe or improper condition is noted, the Consumer should then immediately contact the facility where the product was installed or AWE Tuning directly.

Please contact the original place of purchase for any warranty claims or explanations of this document.