

# AWE TUNING

INNOVATION | DESIGN | COMPETITION

Congratulations on your purchase of the AWE Tuning **Drive Train Stabilizer (DTS)**

While the install is fairly straight forward, please review these instructions carefully before attempting installation. If you do not feel comfortable installing this kit on your own, contact a professional installer in your area. Installation of this product requires removing various drive train support fasteners from below. Use proper jack stands to support your vehicle while working underneath it.

**Never work under a car supported only with a jack!**

## Application:

96-01 Audi A4 5sp (FWD and Quattro), 98-01 VW Passat 5sp, 00-02 Audi S4 6sp, 98-02 Audi A6 5/6sp (see addendum for 01-03 allroad install)

## Parts list:

- 1 Preassembled A.W.E. DTS bar
- 2 M8x35x1.25 hex head bolts (for S4 install)
- 2 M8x30x1.25 flat head socket bolts (for A4/B5 install)
- 2 3/8-16x7/8" socket bolts
- 2 3/8-16X3/4" hex head bolts (for A4/B5 install)
- 2 3/8" flat washers
- 2 3/8" lock washers
- 1 Mount adapter plate
- 1 High durometer mount

## Required tools:

- 13mm, 18mm sockets and ratchet
- 5mm (for A4/B5 install), 8mm allen head keys or bits
- 9/16" box end wrench (for A4/B5 install)
- or 13mm box end wrench (for S4 install)

## Estimated install time:

1.0 hr



## Step 1:

Jack up front of car and support with jack stands. Make sure to place the jack stands at the factory recommended points in order to have maximum access to the parts to be removed during this install.

The area of install is pictured in **Figure 1**. This is a picture of a late model A4. S4s, early model A4s and B5s will look similar.

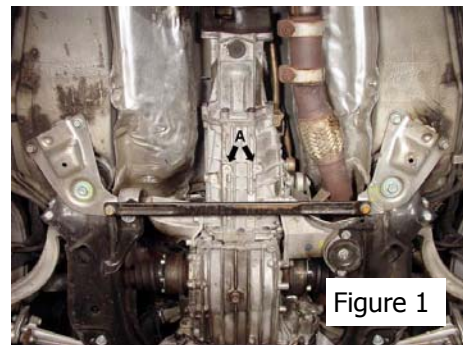


Figure 1

## Step 2:

Place a floor jack underneath the front of the transmission for support. You do not need to jack up on the transmission, you only need to place the jack in contact with the transmission to keep it supported after unbolting the bolts in Figure 2.

Once the transmission is supported, unbolt all 3 bolts at arrows in **Figure 2** on both sides of vehicle.

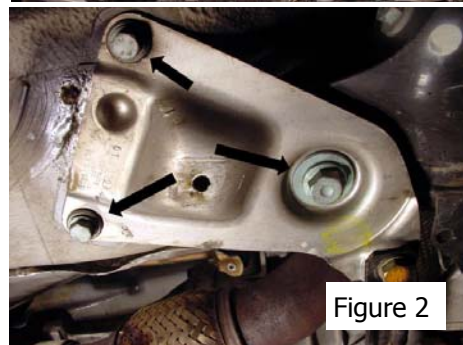


Figure 2

### Step 3:

**This step for Audi A4 and Passat B5 only.**

Using the M8x30x1.25 flat head socket bolts, bolt the mount adapter plate as in **Figure 3** to the trans in the threaded bosses at **position A** in **Figure 1** (page 1). The machined slot on the face of the plate faces toward the trans. Tighten bolts to 18ft/lbs.

**Important: if you feel resistance while tightening the bolts, stop and chase the threaded bosses with an 8mmx1.25 tap first!**

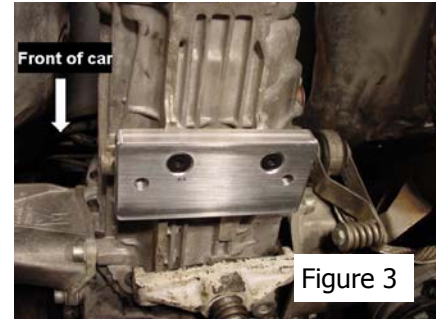


Figure 3

### Step 4:

On the **Audi S4/A6 2.7T and allroad** attach the mount and plate as in **Figure 4** to the trans in the threaded bosses at **position A** in **Figure 1** (page 1) using M8x35x1.25 hex head bolts and washers. The bolts will go through the mount ears and then through the threaded holes in the plate and into the bosses in the trans (see pic below). Do not fully tighten down the bolts at this time.

**Important: if you feel resistance while tightening the bolts, stop and chase the threaded bosses with an 8mmx1.25 tap first!**

On the **Audi A4 and Passat B5**, attach the mount to the plate using the 3/8-16x3/4" hex head bolts and washers. Do not fully tighten down the bolts at this time.

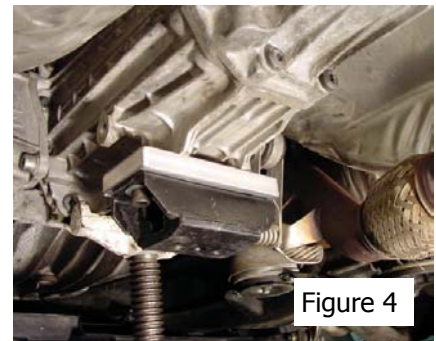


Figure 4

### Step 5:

**(See instruction addendum for allroad at this point)**

Loosely attach the DTS to the undercarriage of the car using the factory mounting points and hardware. Slide the mount to line up the threaded bolt holes in its bottom with the holes in the center of the DTS cross bar. The ends of the DTS bar are slotted to allow some lateral adjustments, too. Once the mount holes are lined up to the bar holes, loosely install the 3/8-16x7/8" socket bolts.

Fully tighten down the bolts holding the DTS to the undercarriage. Torque the large 12mm bolts to 81ft/lbs plus a 1/4 turn. Torque the smaller 8mm bolts to 25ft/lbs.



Figure 5

### Step 6:

On the **Audi A4 and Passat B5**, tighten the 2 bolts fastening the mount to the adaptor plate with 9/16" box end wrench to 25ft/lbs.

On the **Audi S4/A6 2.7T/allroad**, tighten the 2 bolts fastening the mount and adaptor plate to the transmission with 13mm box end wrench to 25ft/lbs.

Finally, remove the floor jack from the transmission, and tighten the bolts fastening the mount to the DTS cross bar with 8mm allen head tool to 25ft/lbs.

Check to make sure all bolts are fully tightened. Lower the car off the jack stands, and you are finished!

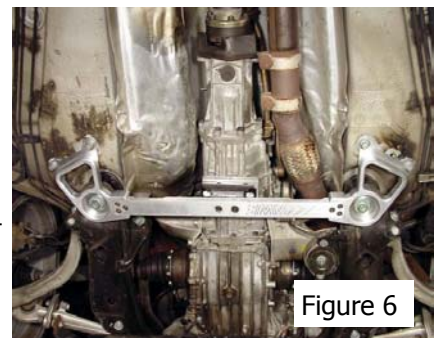


Figure 6

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

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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.

### **Limited Warranty**

The following warranty is valid only in the United States and Canada.

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

By installing or using the purchased product, the Consumer accepts this warranty.

Secor Ltd. (AWE Tuning) warrants to the original retail purchaser (Consumer) this product (DTS) for 1 year after the purchase date for Manufacturer's defect.

Upon verification of warranty coverage, AWE Tuning will replace the defective product 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, 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.

Please contact us first for any warranty claims or explanations of this document.