VW/Audi 2.5L Accessory Belt Tensioner Limiter Installation Instructions - Click HERE to Shop

Skill Level
1 - Easy

Basic Skills Required



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

INSTALLATION NOTES

- **RH** refers to the ***passenger side*** of the vehicle.
- **LH** refers to the ***driver side*** of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.



NEVER get underneath a vehicle that is supported only by a jack, and ALWAYS make sure that the vehicle is securely supported on jack stands.

INSTALLING THE TENSIONER LIMITER

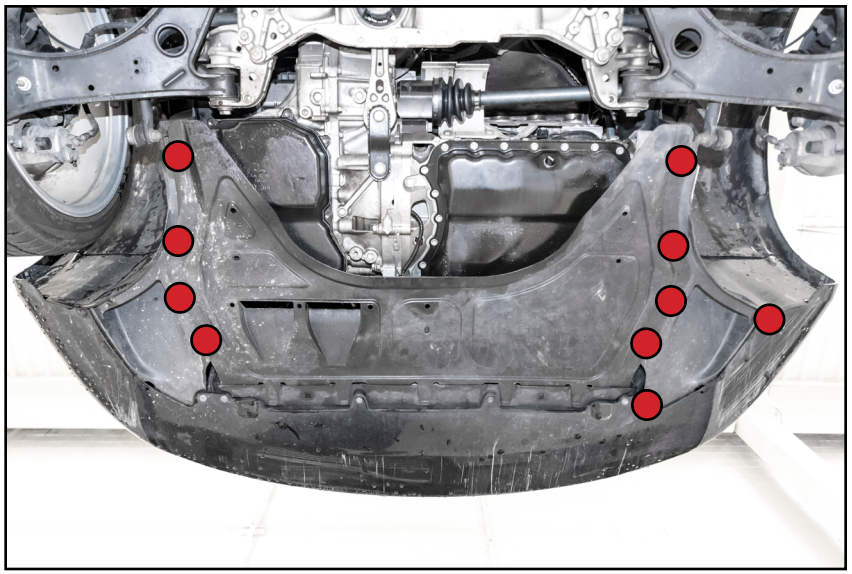
Step 1:

Safely lift and support the vehicle and remove the front RH (passenger) side wheel.



Step 2: T25 Torx

Remove the screws (circled in **RED**) which secure the belly pan and RH (passenger) side lower fender liner to the underside of the vehicle. Remove the belly pan.



INSTALLING THE TENSIONER LIMITER

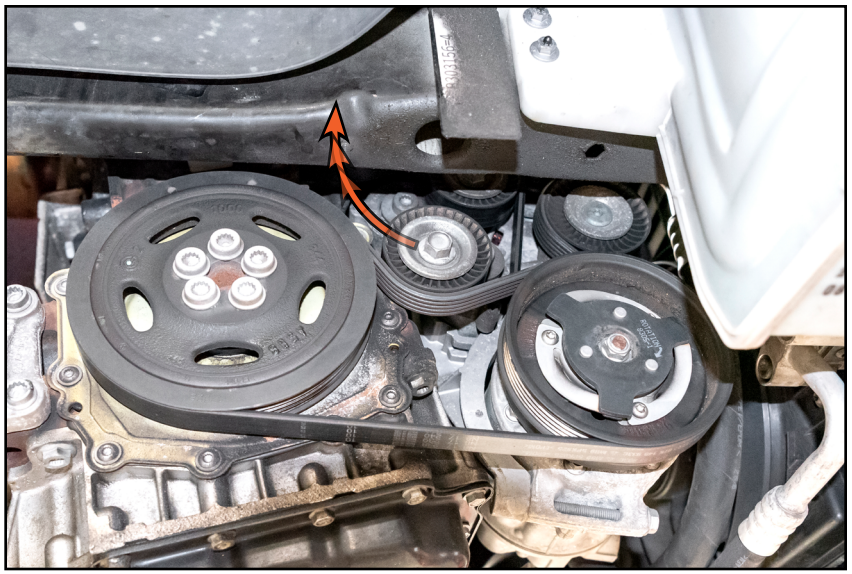
Step 3: T25 Torx

Remove the four screws (circled in **RED**) and remove the lower fender liner.



Step 4: 16mm Socket & Ratchet

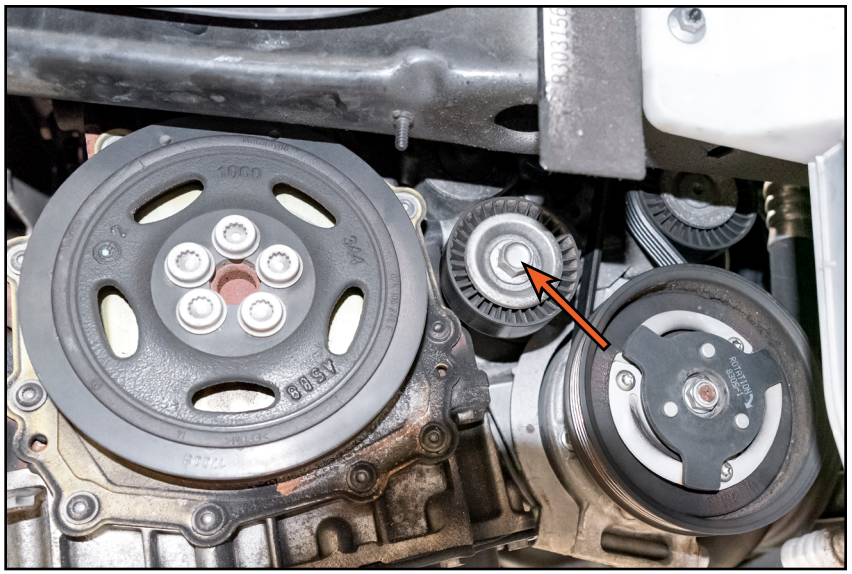
Rotate the tensioner pulley clockwise and remove the belt.



INSTALLING THE TENSIONER LIMITER

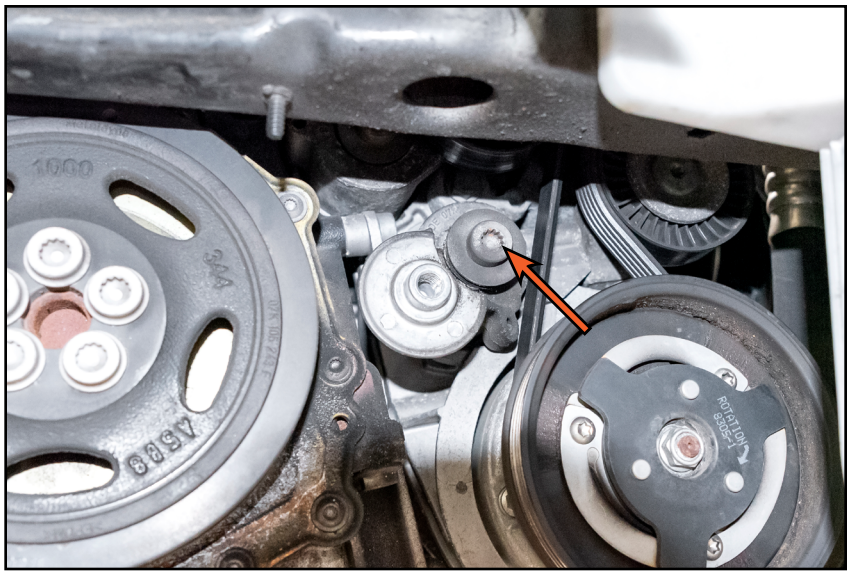
Step 5: 16mm Socket & Ratchet

Remove the bolt (arrow) and remove the tensioner pulley.



Step 6: M10 Triple Square Socket & Ratchet

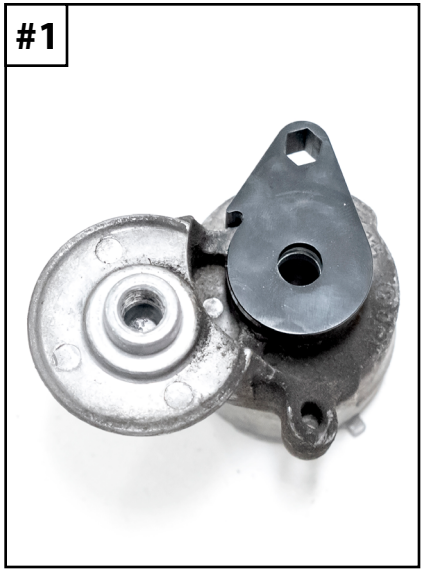
Remove the tensioner bolt (arrow).

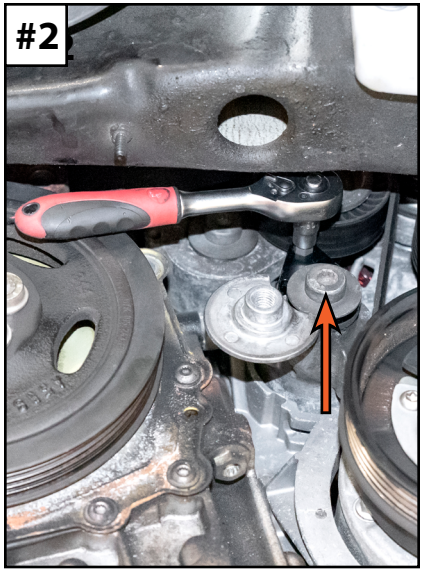


INSTALLING THE TENSIONER LIMITER

Step 7: 8mm Hex (Allen), M10 Triple Square Socket & Ratchet

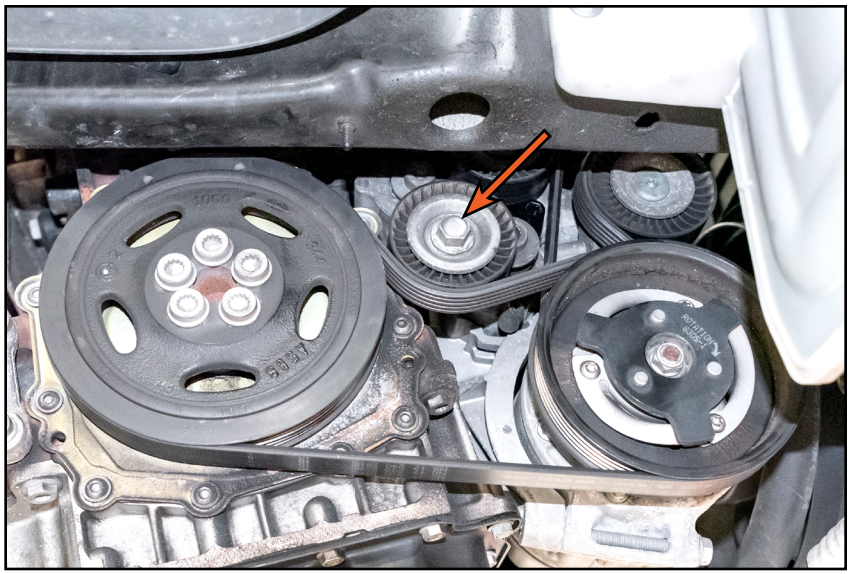
Install the limiter onto the tensioner (**photo #1**), then reinstall the bolt (arrow) but do not fully tighten it yet (**photo #2**).





Step 8: 16mm Socket & Torque Wrench

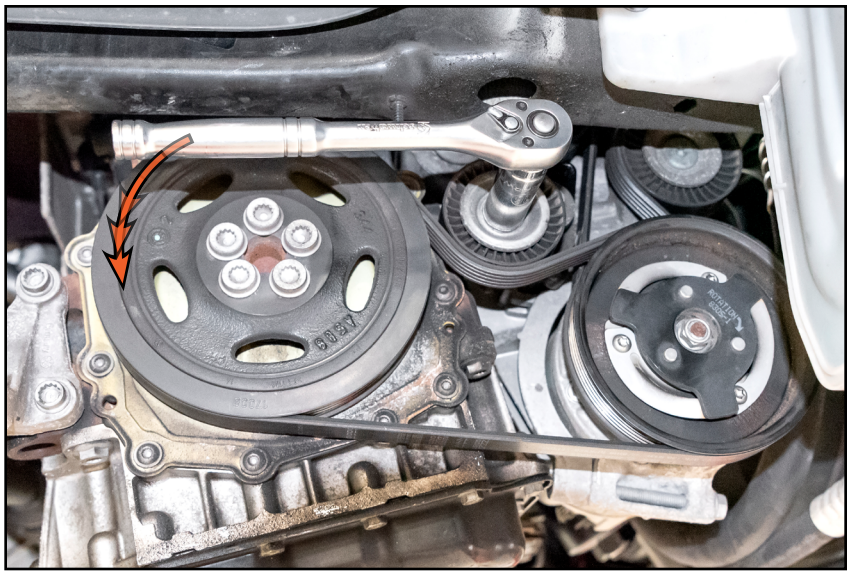
Reinstall the pulley and torque the bolt (arrow) to 35 Nm (26 Ft-lbs), then reinstall the belt.



INSTALLING THE TENSIONER LIMITER

Step 9:

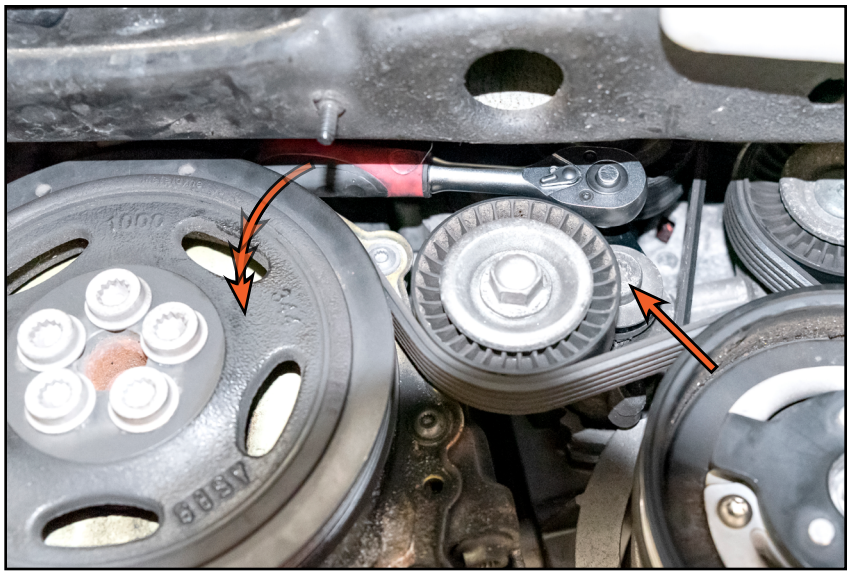
Before adjusting and torquing the limiter, lightly rotate the tensioner counter-clockwise to tension the belt and allow it spring back to its natural position.



Step 10: M10 Triple Square Socket & Torque Wrench

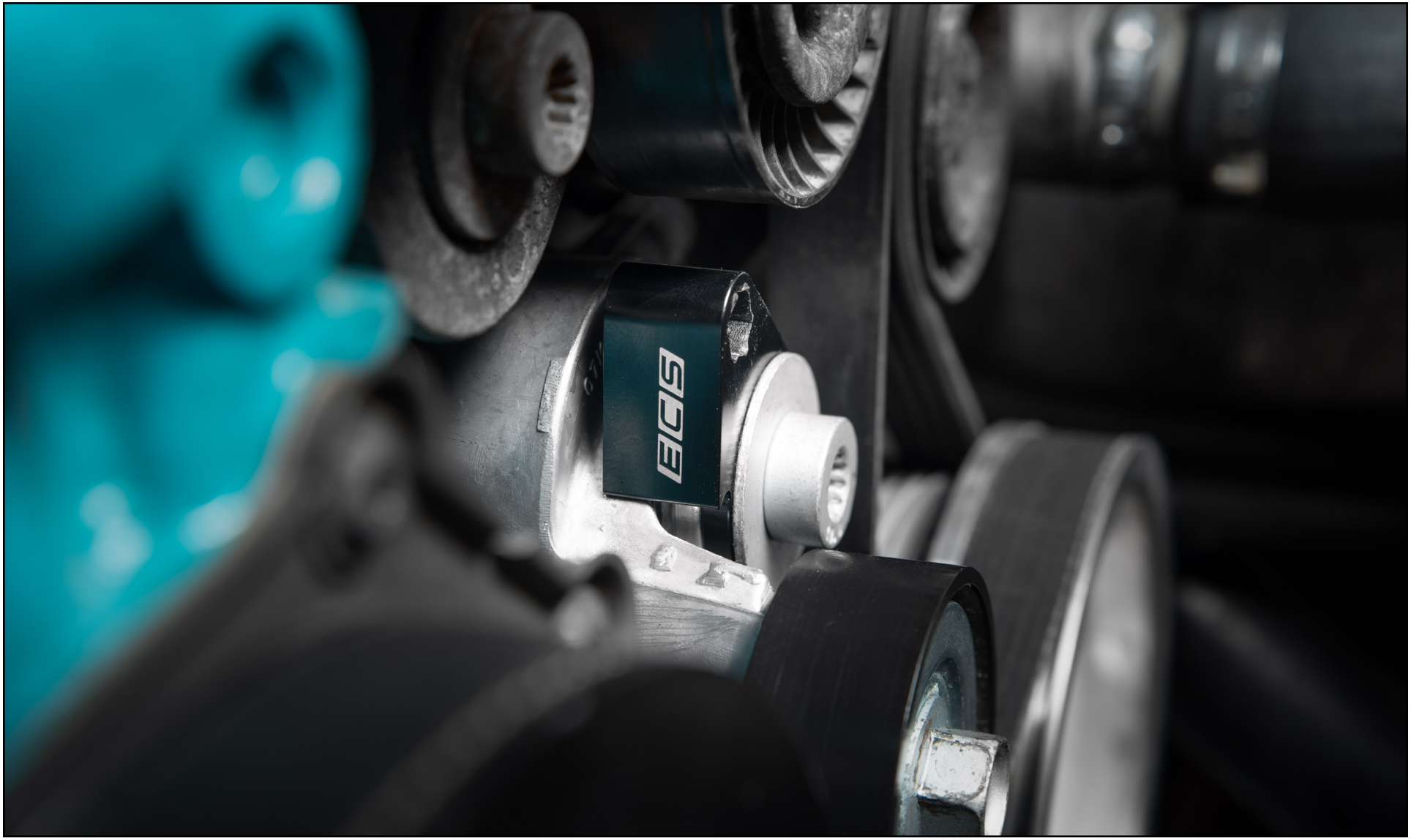
Using the counterhold, rotate the limiter counter-clockwise as far as it will go then back it off just a touch. Counterhold the limiter while you torque the bolt (arrow) to 35 Nm (26 Ft-lbs).

Reinstall the fender liner, belly pan, and wheel.



Congratulations, your installation is complete!

Your Accessory Belt Tensioner Limiter installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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