



Heavy Duty Snub Mount Installation  
Audi B5 A4 ES2597997



# Audi B5 A4 1.8T



## Heavy Duty Snub Mount installation instructions

ES2597997

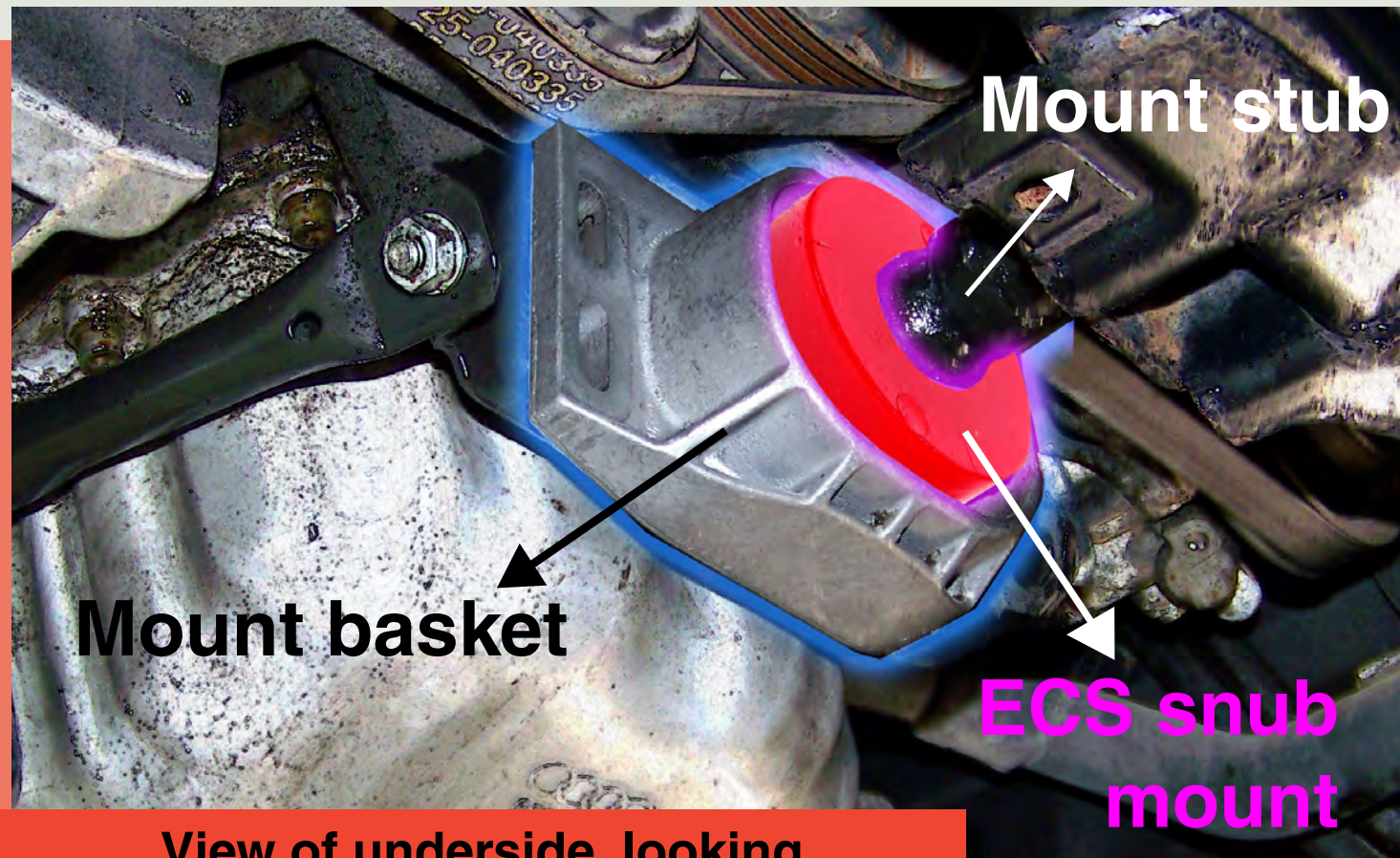
*best viewed in Acrobat® Reader®*

This tutorial is provided as a courtesy by ECS Tuning.

Proper service and repair procedures are vital to the safe, reliable operation of all engine 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.

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## B5 A4 snub mount components



View of underside, looking  
towards rear of vehicle.

### Tools

- ratchet
- T25 torx
- T30 torx
- T45 torx
- 6mm hex driver
- torque wrench (**ES2221244**)
- wood blocks
- screwdriver
- vice grips
- pry bar

## Installation overview

- (1) Raise and support the vehicle safely
- (2) Place vehicle in 'service mode'
- (3) Remove stock snub mount
- (4) Install ECS Heavy Duty snub mount
- (5) Reassemble vehicle front end



## Step 1

Raise the car safely. Use jack stands and wheel chocks.

Using a flat-tipped screwdriver, remove the retaining screws on the belly pan. Turn counterclockwise 90 degrees to release.

**(Note:** Many belly pans are loose or damaged. Pan fasteners commonly go missing from improper installation. The belly pan protects vital engine components and improves vehicle aerodynamics.

ECS Tuning stocks both belly pans and fasteners. Purchase fasteners individually or in a complete kit containing screws and clip nuts.)



## Step 2

Place the vehicle in the service position. First, raise the hood.

Then remove the fender liner retaining screws with a T25 torx. There are six total, three on each side.





## Step 2 continued

Now remove the front grilles. They snap into place, so gently but firmly pry them out and away from the center line of the vehicle.



Remove the two bumper mount bolts using a 6mm hex driver.



## Step 2 continued

Remove the bumper. This is far easier with a helper.

The bumper retaining clips are on each side of the vehicle in front of the wheel arch. They are C-shaped and clamp the bumper from both above and below. To overcome them, pull the bumper as far back (towards the rear of the vehicle) as possible (easier to do with the front wheels removed).

Then, pull the topmost corner of the bumper away from the body and downward at the same time to disengage the top clips. It will require a strong tug!

Grab the bottom corner of the bumper, and pull up and towards the front to disengage the bottom clip. Pull carefully, but firmly. Repeat on the other side of the vehicle.





## Step 2 continued

Slide the bumper away from the bumper supports slightly.

Clamp the headlight washer fluid line (on the left side of the bumper) with a hose clamp or vise grips to prevent spilling. Be careful not to use too much pressure or you may damage the line. Disconnect the line and, if present, the fog light harnesses.

Remove the bumper completely, using a helper, if possible. Set it down on a towel or similar soft surface to prevent scratching.



Remove the upper core support screws with a T30 torx.

There are four total, two per side.



## Step 2 continued

Remove the core support screws located fore of the wheel arches using a T30 torx. There are two screws total, one on each side.



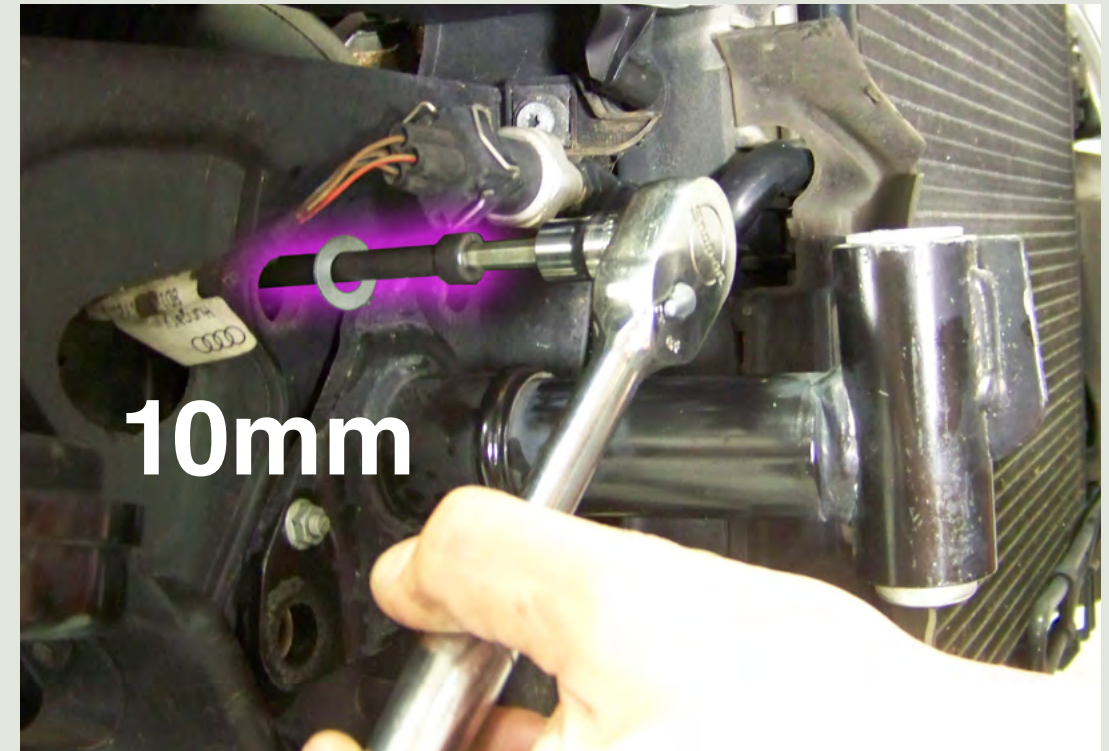
Remove the bumper support bolts with a T45 torx. There are six total, three on each side.





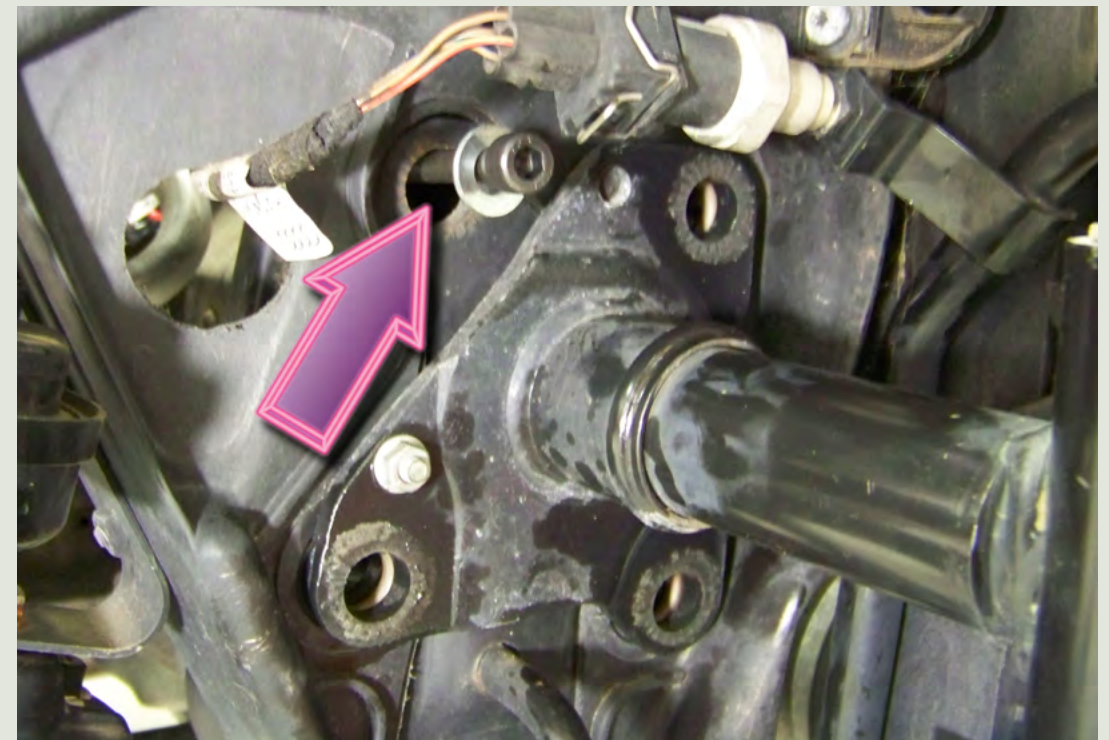
## Step 2 continued

Screw the two 10mm bolts you removed from the bumper support arms into the top outer holes as shown. These will hold the core support when you slide it forward.



Make sure the support bolts are mounted sturdily. When you slide the core support forward, be careful not to stress the radiator and intake charge hoses.

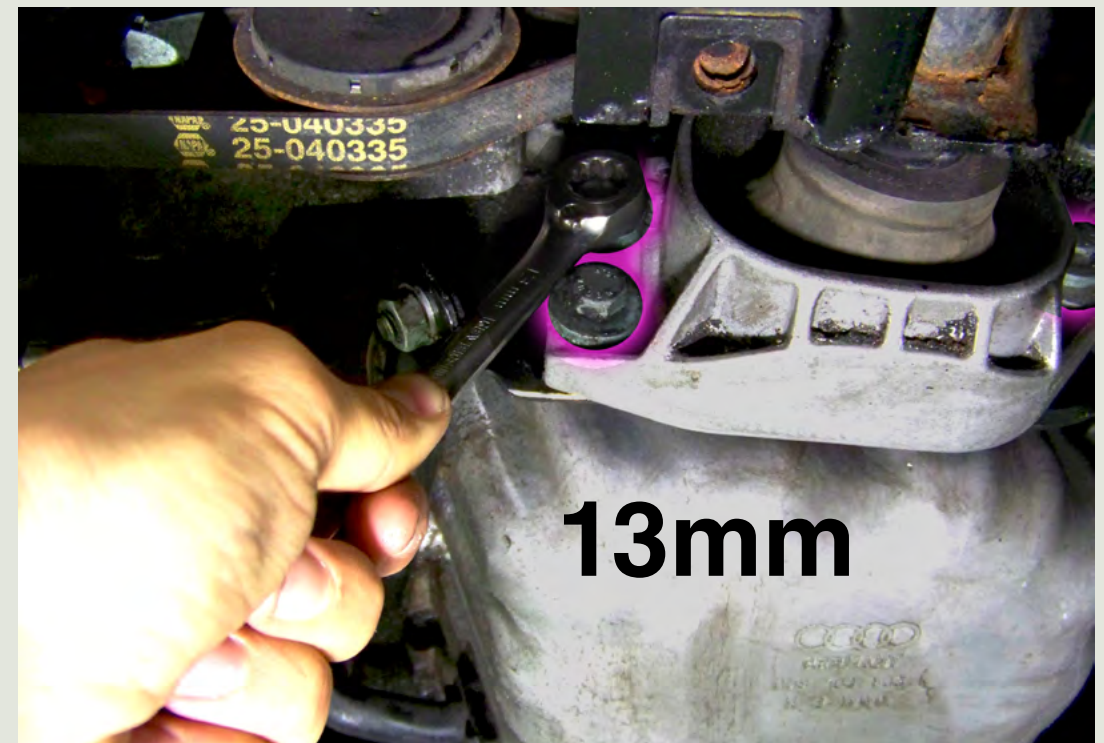
The core support is now positioned to allow you to replace the snub mount.





## Step 3

Using a 13mm wrench, remove the three bolts holding the snub mount basket to the engine.



Slide the mount basket forward and off of the engine. You may need to use a pry bar to pry the old snub mount off the core support.

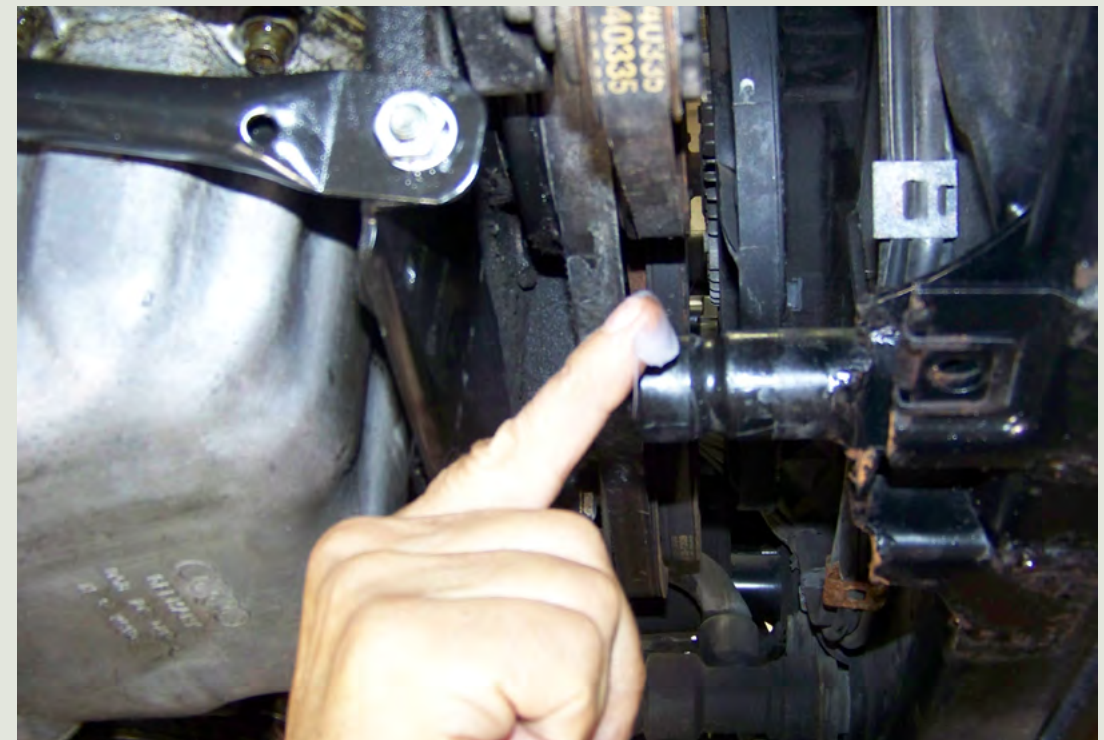


## Step 4

The ECS Tuning Heavy Duty snub mount fits inside the mount basket, as shown. Make sure you can see the inner ridge from this angle. It must engage with the groove on the mount stub on the core support.



Apply a film of polyurethane-safe grease to the mount stub on the core support. This will help the snub mount press onto the mount stub.





## Step 4

Place the snub mount/mount basket in place. Install the three mount basket bolts loosely. Make sure the hole in the snub mount is aligned with the mount stub. It does not need to be fully pressed on in this step.



Slide the top of the core support back into place. Finger tighten the four topmost core support screws to give you leverage for the next step.

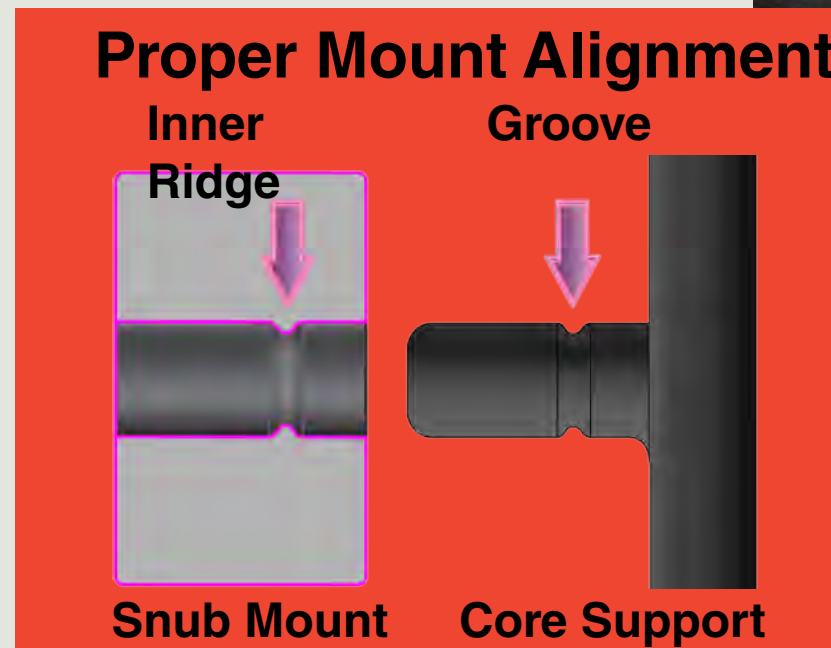
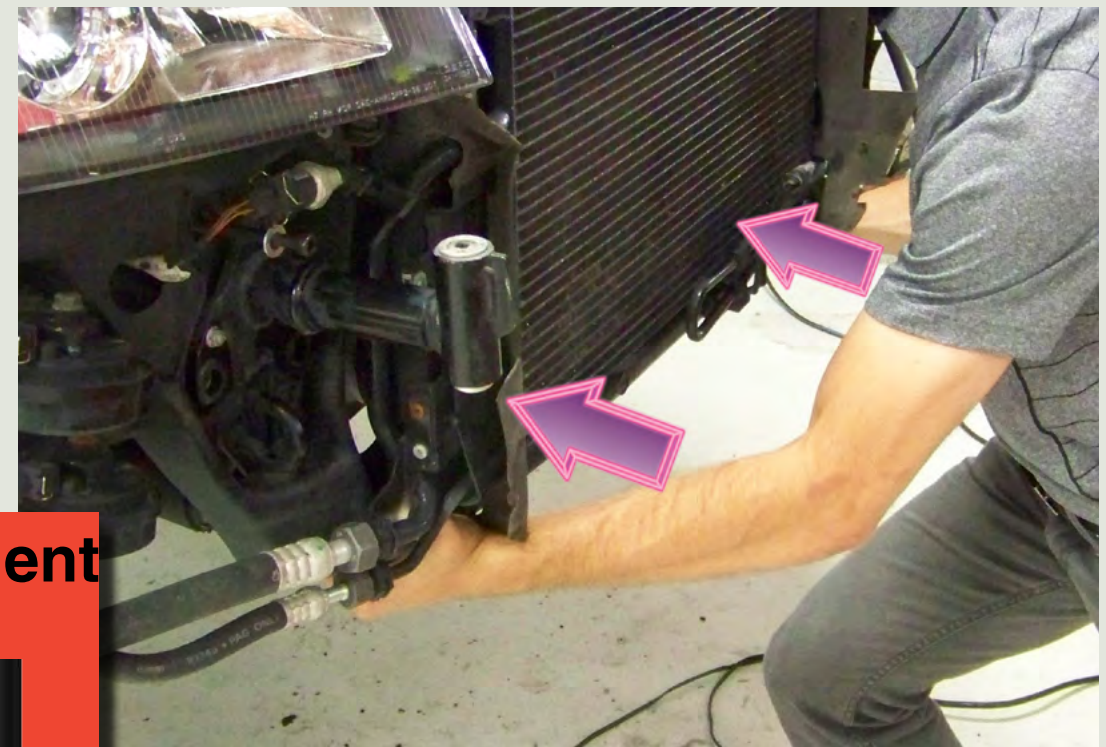




## Step 4

With the snub mount aligned properly and the top four core support screws in place, push the bottom of the core support inwards.

You will feel the snub mount press into place when the inner ridge engages with the lip of the mount stub.



Start the engine. Let it idle for a moment to settle the mount, then turn it off. Tighten the three 13mm bolts to 18ft-lbs.

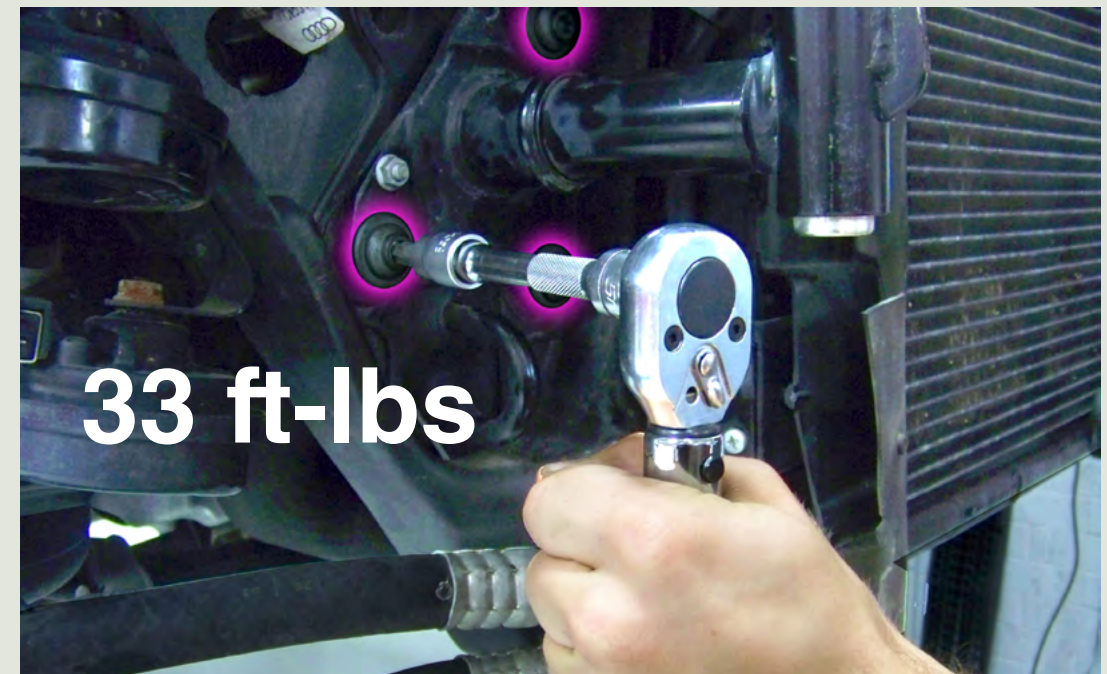




## Step 5

Assembly is the reverse of disassembly.

Torque the six bumper support bracket bolts to 33ft-lbs.



## Before you continue...

...have you noticed that your bumper is misaligned?

The bumper support brackets have threaded adjusters, which determine where the front of the bumper sits vertically.

Thread the adjusters up or down where necessary.



Left side adjuster



Right side adjuster



## Step 5 continued

To aid in the reinstallation of the bumper, clean the bumper mount brackets and apply a thin film of silicone lubricant to the three clips.

If your bumper is aligned (see callout on page 13), install the bumper and torque the two 6mm Allen bumper mount bolts to 17 ft-lbs.

Replace all hoses, wiring, and trim pieces. Tighten all bolts and screws.

**This completes the installation of the B5 A4 Heavy Duty Snub Mount.**

**We hope this installation guide has been helpful and informative.**



**Thanks for reading!**