



Installation Procedures



Part Number **ES4665**

for

Audi B6 A4/S4

Audi B7 A4/S4

Audi C5 A6

**Heavy Duty
Snub Mount
Installation**

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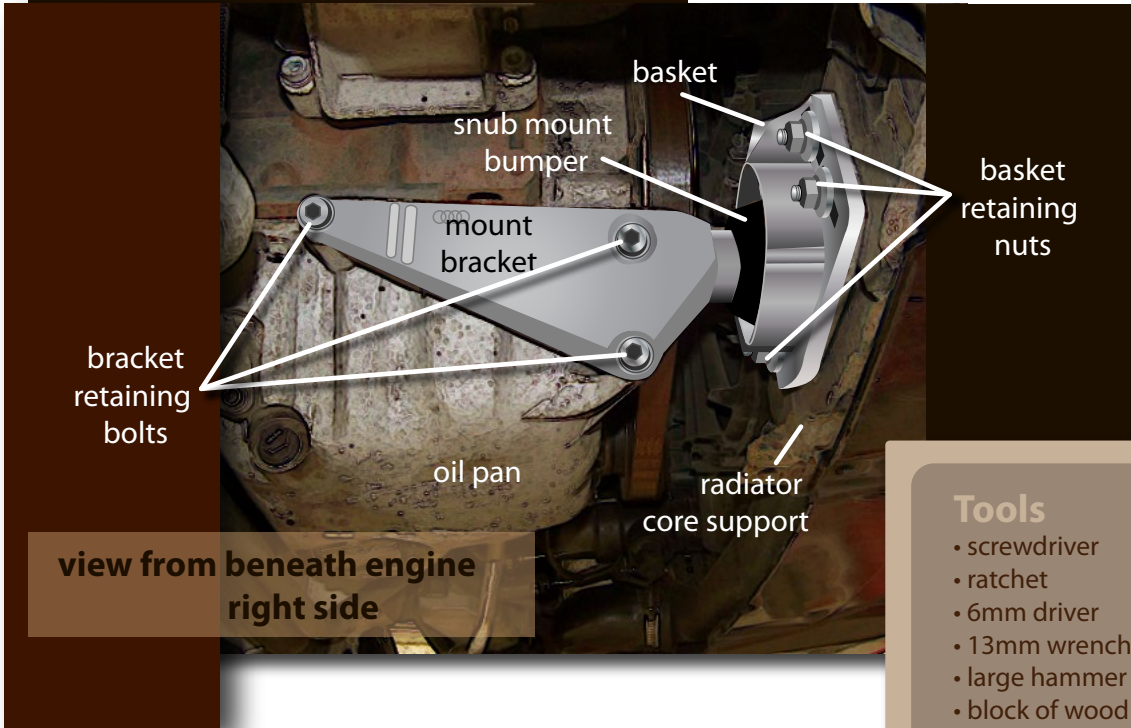
Heavy Duty Snub Mount Installation

ES4665



Fits Audi allroad, B6 S4, B6 A4, B7 A4, B7 S4, C5 A6

engine snub mount components



Tools

- screwdriver
- ratchet
- 6mm driver
- 13mm wrench
- large hammer
- block of wood
- vise

Installation Steps - Outline

- 1) Raise and support the vehicle safely.
- 2) Remove the belly pan (turn the flat head fastener screws one-quarter turn to release).
- 3) Unbolt and remove the mount bracket from the engine.
- 4) Pry the old snub mount bumper from the snub mount bracket.
- 5) Drive the new polyurethane bumper onto the bracket.
- 6) Unbolt and remove the mount basket from the radiator core support.
- 8) Insert the mount bracket with bumper into the basket.
- 9) Install the mount bracket and basket together at the engine and core support.
- 10) Tighten the snub mount bracket bolts to the engine; finger tighten the nuts on the basket.
- 11) Start the engine and rev it slightly several times to center the bumper in the basket.
- 12) Tighten the mount basket attachment nuts.
- 13) Start the engine and check for any unwanted vibration at idle. If necessary, loosen the basket attachment nuts and reposition the basket to reduce unwanted vibration.

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Step 1

Raise the car safely.

Drop the belly pan. Turn the belly pan attachment fasteners one quarter turn to release them.

(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

Using a 6mm hex driver, remove the three hex head snub mount bracket attachment bolts at the engine.



Step 3

Remove the mount.



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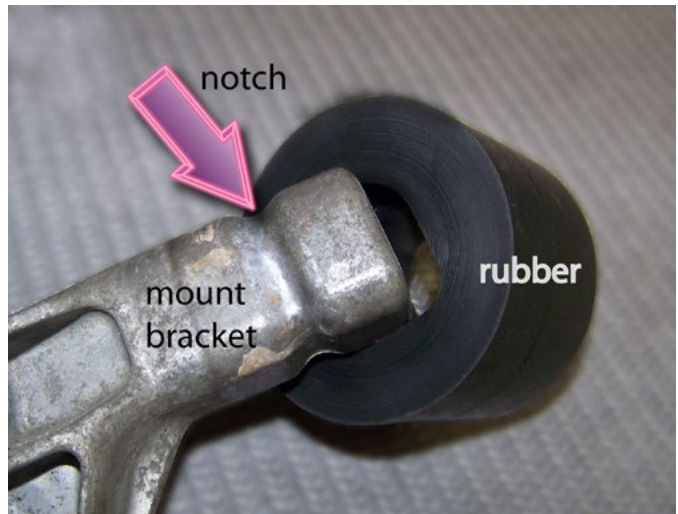
Step 4

Remove the old snub rubber bumper from the bracket. This rubber is fairly soft and should pull off by hand. If the rubber is stiff, you may need to pry or cut it off.



Step 5

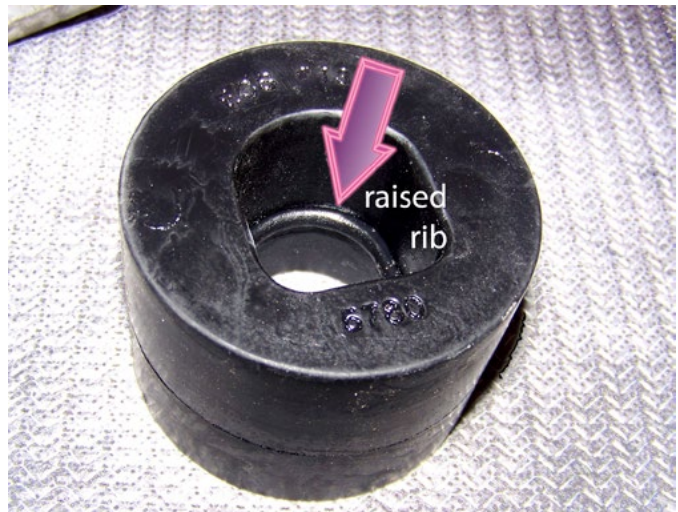
Apply grease or similar lubricant to the mount bracket snout. Note the location of the recessed notch in the mount bracket snout (arrow).



Step 6

The new snub bumper has a raised internal rib that engages the notch in the mount bracket to hold it in place when the bracket is installed.

Note the location of the raised internal rib (arrow).



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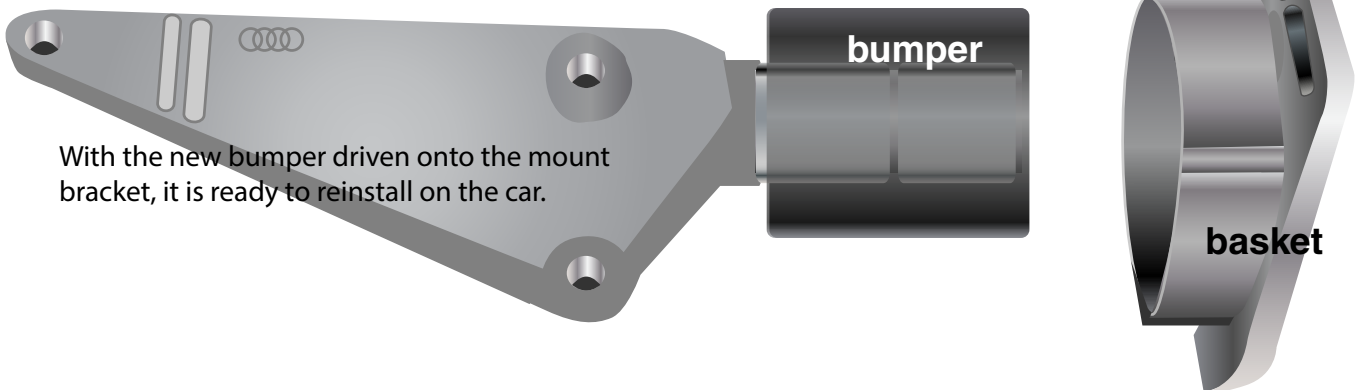


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Step 7

Installing the new polyurethane bumper onto the mount bracket takes some force.

One option: Clamp the mount securely in a vise, place the new bumper onto the mount, and then whack it home rest of the way home using a chunk of lumber and a large hammer.



With the new bumper driven onto the mount bracket, it is ready to reinstall on the car.

Step 8

The new polyurethane bumper is larger than the old rubber one. To fit it into basket mouth, unbolt and remove the basket from the radiator support, using a 13mm wrench.

Insert the new bumper into the basket, as shown.



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Step 9

Install the bracket and basket as an assembly.

Hang the basket on the studs (arrow) and install the attachment bolts holding the snub mount bracket to the engine, as shown.



Step 10

Tighten the bracket attachment bolts to the engine to 25 Nm.



Step 11

Reinstall the nuts on the basket studs; run them down finger tight.

Start the engine and rev it slightly a few times to center the basket on the mount bumper. Then torque the basket attachment nuts to 25 Nm.

Replace the belly pan.



This completes the installation of the heavy duty polyurethane snub mount bumper.