

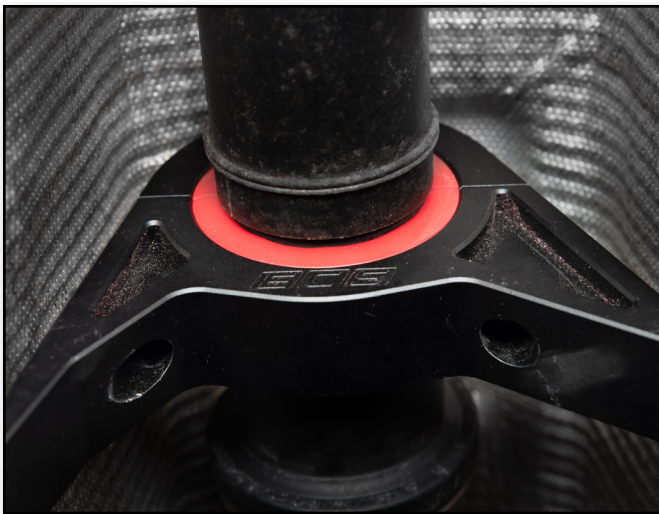


**Audi B5-B8 / C7 Driveshaft
Center Support Bearing Brace**

Installation Instructions - [Click Here to Shop](#)



**Skill Level 2
- Moderate -
Some Experience
Recommended**



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.

REQUIRED TOOLS

Note: The tools required for each step will be listed by the step number throughout these instructions.

Standard Automotive Tools

- Protecta-Sockets (for lug nuts)..... [ES#2221243](#)
- **3/8" Drive Ratchet**..... [ES#2765902](#)
- **3/8" Drive Torque Wrench**..... [ES#2221245](#)
- **3/8" Drive Deep and Shallow Sockets**..... [ES#2763772](#)
- 3/8" Drive Extensions..... [ES#2804822](#)
- **Hydraulic Floor Jack**..... [ES#2834951](#)
- Torx Drivers and Sockets..... [ES#11417/8](#)
- **1/2" Drive Deep and Shallow Sockets**..... [ES#2839106](#)
- **1/2" Drive Ratchet**
- 1/2" Drive Extensions
- **1/2" Drive Torque Wrench**..... [ES#2221244](#)
- **1/2" Drive Breaker Bar**..... [ES#2776653](#)
- Bench Mounted Vise
- Crows Foot Wrenches
- Hook and Pick Tool Set..... [ES#2778980](#)

Required For This Install

- 1/4" Drive Ratchet..... [ES#2823235](#)
- 1/4" Drive Deep and Shallow Sockets..... [ES#2823235](#)
- 1/4" Drive Extensions..... [ES#2823235](#)
- Plier and Cutter Set..... [ES#2804496](#)
- Flat and Phillips Screwdrivers..... [ES#2225921](#)
- **Jack Stands**..... [ES#2763355](#)
- Ball Pein Hammers
- Pry Bar Set..... [ES#1899378](#)
- Electric/Cordless Drill
- Wire Strippers/Crimpers
- Drill Bits
- Punch and Chisel Set
- **Hex Bit (Allen) Wrenches and Sockets**..... [ES#11420](#)
- Thread Repair Tools..... [ES#1306824](#)
- Open/Boxed End Wrench Set..... [ES#2765907](#)

Available On Our Website

Specialty Tools

- **Die Grinder w/ Cut-Off Wheel**
- **Razor Blade**

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 AXLE DELETE PLUGS

Step 1: 10mm, 13mm Socket & Ratchet

Remove the exhaust system and any heat shields necessary to gain access to the driveshaft center support bearing (arrow).



This installation was completed on a B5 S4. Depending on your vehicle the center support bearing may look different but the installation process will be the same.

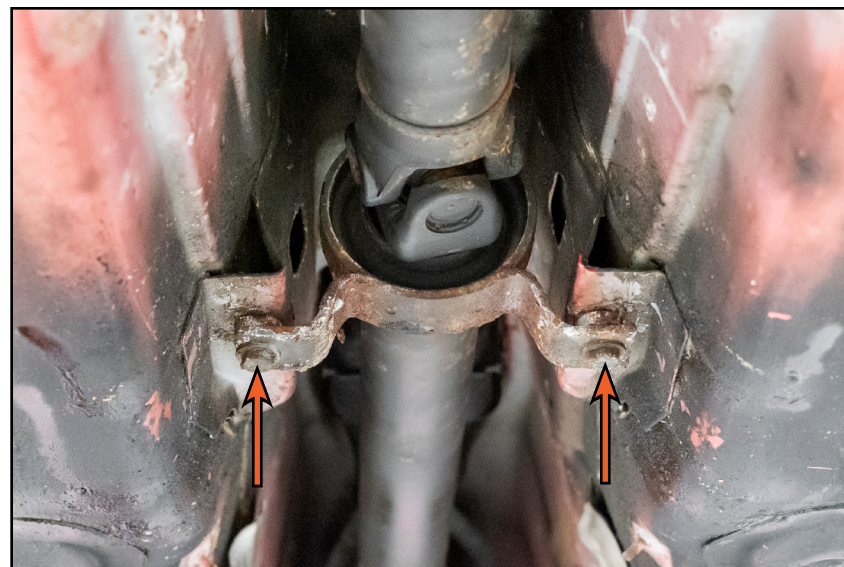


Step 2: 13mm Socket and Ratchet

Remove the two bolts (arrows) which secure center support bearing carrier to the vehicle.



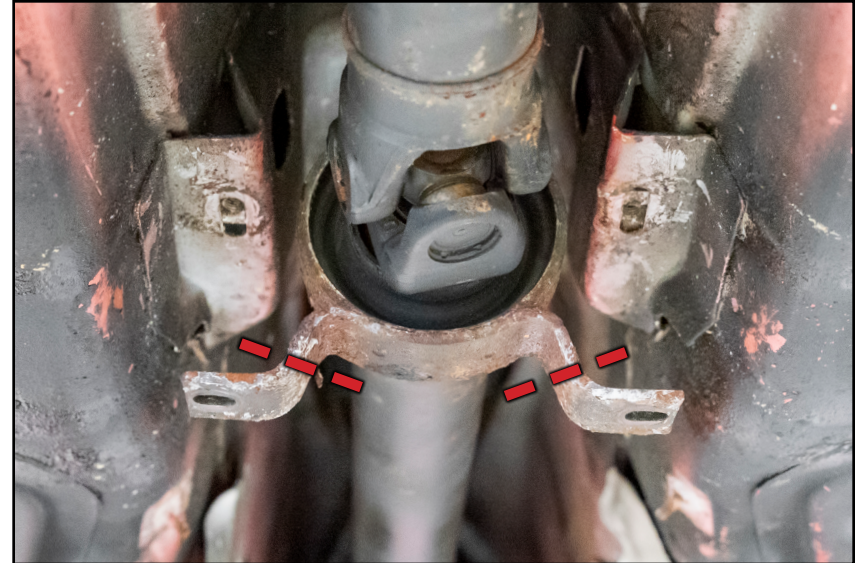
Depending on your vehicle, there may be small spacers between the stock CSB housing and the vehicle, these spacers are not used with our CSB brace.



INSTALLING THE AXLE DELETE PLUGS

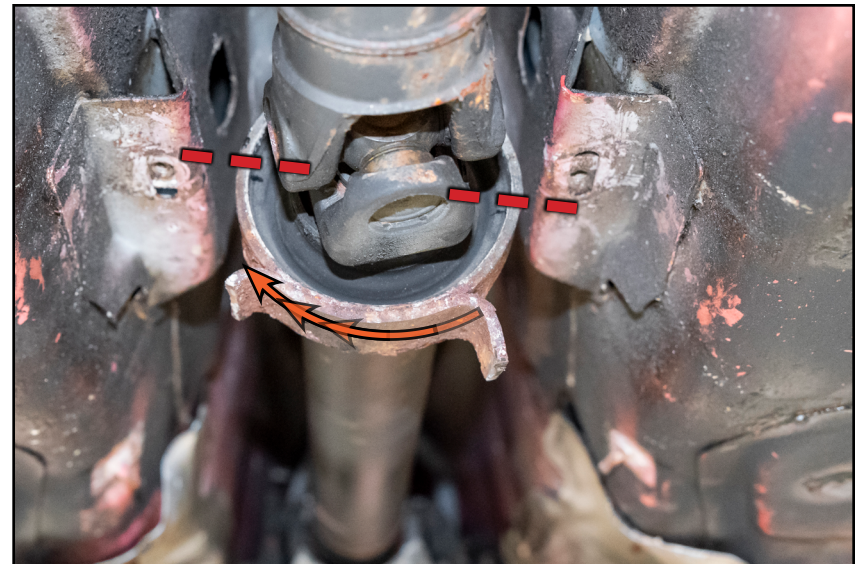
Step 3: Die Grinder

Cut off the two legs (RED lines) on either side of the housing using a die grinder with a cut-off wheel



Step 4: Die Grinder, Razer Blade

Rotate the bearing and make two cuts (RED lines) on either side of the housing to separate it into two halves, then use a razor blade to cut the rubber bushing connecting the housing halves to the bearing.



INSTALLING THE AXLE DELETE PLUGS

Step 5: Razor Blade

Using a razor blade, remove the as much of the remaining rubber bushing material from the bearing as possible, trying to create as smooth of a surface as possible.



Step 6:

Separate the two halves of the new CSB brace and align the bearing with the groove in the bushing as shown



Depending on your vehicle the CSB brace may be offset to one side slightly, to ensure proper alignment, ensure the ECS logo faces towards the front of vehicle when installed.



INSTALLING THE AXLE DELETE PLUGS

Step 7: 6mm Hex (Allen) Socket & Torque Wrench

Slide the other brace half onto the bearing assembly, ensuring it seats properly, then install the two bolts (arrows) and torque them to 25 Nm (18 Ft-lbs).

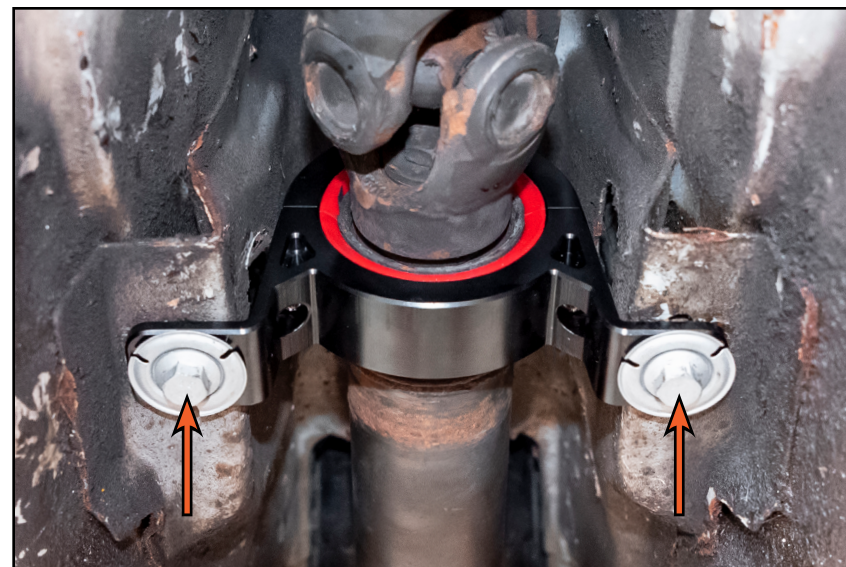


Step 8: 13mm Socket & Torque Wrench

Replace the two CSB brace bolts (arrows) and torque them to 25 Nm (18 Ft-lbs).

B8/C7 ONLY:

There are two rubber isolators which must be installed on either side of the mounting feet (as shown in the illustration on the right) before installing the provided bolt and washer.



Congratulations, your installation is complete!

Your CSB Brace installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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