



[034Motorsport Billet Aluminum Rear Differential Mount Upgrade, B8 Audi A4/S4/RS4, A5/S5/RS5, Q5/SQ5 & C7 Audi A6/S6/RS6, A7/S7/RS7](#)



The installation of your 034Motorsport Billet Aluminum Rear Differential Mount Upgrade for the B8 Audi A4/S4/RS4, A5/S5/RS5, Q5/SQ5 & C7 Audi A6/S6/RS6, A7/S7/RS7 is a relatively simple process that will take approximately 30 minutes to complete.

**Supplied Parts:**

- 034Motorsport Rear Differential Carrier Mount Upgrade (Top Insert | 505-2017)
- 034 Motorsport Rear Differential Carrier Mount Upgrade (Bottom Insert | 505-2018)

**Tools Needed:**

- Hands (Opposable Thumbs Are Optional)
- 16mm Socket
- Torque Wrench
- Silicone Lubricant (Recommended)
- Ramps, Lift, or Jack & Jackstands
- Jack or Transmission Jack to Support Rear Differential

**Step 0** – Raise the vehicle securely on jackstands, ramps, or a lift, in order to gain access to the front-most mount for the rear differential. Make sure you have all tools necessary for installation of the 034Motorsport Rear Differential Mount Upgrade. All you should need is a 16mm socket and a torque wrench. If you can't get past this step, please take your vehicle to a professional (Canadian Football League does not count) mechanic who can perform the installation for you!

**Step 1** – Locate the front-most mount for the rear differential, and the 16mm hex head bolt going through it, as shown below. Remove the 16mm hex head bolt.



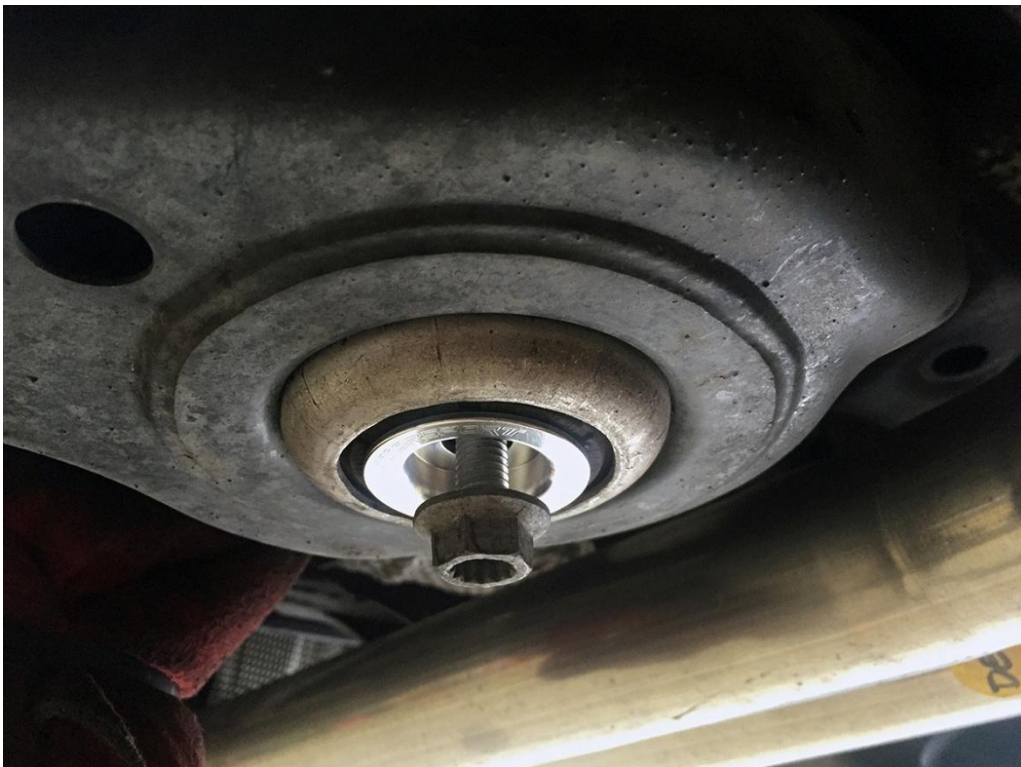
**Step 2** – Raise the front of the differential approximately 3 centimeters to gain access to the top of the front differential mount bushing. Ensure that you have enough space to slip the top insert (505-2017) into the top of the front differential mount bushing.



**Step 3** – While the differential mount is raised, slip the top insert (505-2017) into the void in the top of the differential mount bushing. Ensure that the top insert (505-2017) is properly seated in the differential mount bushing, and slowly lower the front of the differential back down.



**Step 4** – Install the bottom insert (505-2018) into the void in the bottom of the differential mount bushing, as pictured below. Make sure that the features on the insert line up with the voids in the differential mount. Secure using the 16mm hex head bolt you removed in Step 1, and torque to 55 Nm.



**Step 5** – Put your tools away, lower your vehicle, and enjoy the upgrade! You should notice more positive clutch engagement, smoother shifts, and more consistent hard launches.