



Installation Instructions: Billet Front Strut Bar

*Read all instructions before beginning work.
Following the instructions in the proper sequence
will ensure the best and easiest installation.
Contact us at sales@allanglesdesign.com for
questions or comments about the installation
process.*

Caution! Installing this product requires disassembly of some suspension components. If you are not confident you can complete the job safely, have the work performed by a certified technician.


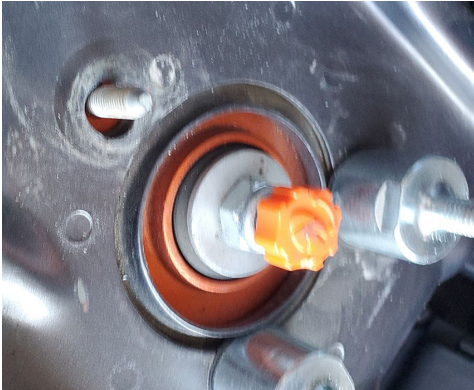




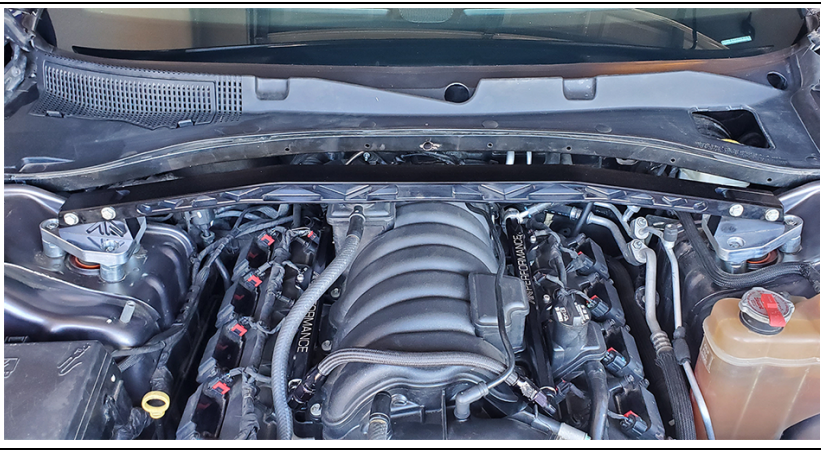
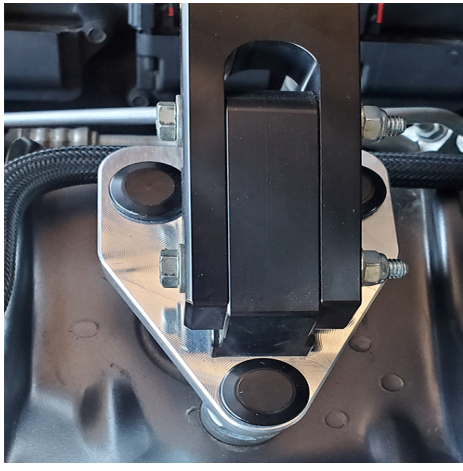
TOOLS REQUIRED:

- 13mm Socket
- 13mm Open End Wrench
- 15mm Socket
- 6mm Allen Wrench
- Torque Wrench
- Adjustable wrench or 1 1/8 crows foot

KIT CONTENTS:

- 1 x Strut bar center
- 2 x Risers
- 2 x Base plates (1 right 1 left)
- 6 x Standoffs
- 6 x M10x1.50 nuts
- 6 x Nylon washers
- 4 x M8x1.50x60mm bolts and nuts
- 4 x M10x1.50 Tapered Allen screw

<p>1.</p>	<p>Locate the base plates and riser blocks. There is a right and left on the base plates. The picture shows the passenger side. The higher spot on the bottom of the plate should be toward the rear of the car. Attach the riser blocks to the base plates using the 4 tapered allen screws.</p> <p>Note that the bolts should be tight but not forcibly so - over-torquing could damage the aluminum threads</p>	
<p>2.</p>	<p>Remove the black round plastic cap covering the strut tower bolts. Use the 13mm socket to remove the 6 nuts on top of the strut. If the car is sitting on the tires the shocks will not fall from the strut tower.</p>	
<p>3.</p>	<p>Place the nylon washers on top of each stud and screw the standoffs down to the shock tower studs. You can use a 1 1/8 crows foot and torque them down to 20 ft lbs or 239 in lbs. If the crows foot is unavailable you can use an adjustable wrench. If using adjustable wrench DO NOT over tighten or you risk breaking the stud.</p>	

<p>4.</p>	<p>Place the assembled base plates on top of the standoffs. Put the 15mm nuts on top of the standoff stud.</p> <p>There is a drivers side and passenger side the base plates should be flat if they are positioned the right way.</p> <p>Note: Do not tighten the 15mm all the way tight yet.</p>	
<p>5.</p>	<p>Lay the center bar section over the riser plates, and insert the 4 M8x60mm bolts through the holes in each end. Note: Because the shocks have some play within the shock towers. Some bolts might be harder to line up, leaving all bolts loose will help generally but you may have to force the last one through.</p>	
<p>6.</p>	<p>Tighten the(6) 15mm nuts on the base plates to 25-30 ft lbs and tap your dust cap over the holes using a rubber mallet. Then tighten the (4) M8 bolts to 17 ft lbs using the 13mm socket and wrench.</p>	
<p>Care and Maintenance: These parts require little or no ongoing care or maintenance. We do recommend that 1-2 weeks after installation you re-check torque on all nuts and bolts touched during assembly to verify nothing has loosened up.</p>		



CONGRATULATIONS! You have completed the installation of your AAD Performance Billet Front Strut Bar. If you have questions or comments about the installation, please email sales@allanglesdesign.com or contact us on our Facebook Page at facebook.com/AllAnglesDesign We sincerely thank you for your purchase and hope you enjoy this and other AAD Performance products.