



GrimmSpeed Install Guide Series
Installing the GrimmSpeed Subaru Alternator Cover
Updated 11/20/13

Introduction: This guide will illustrate the installation of the GrimmSpeed Alternator Cover. The difficulty here is super low, so take your time and enjoy the job!

Tools: The tools listed below are suggested for this task (figure 1). Optional tools are noted.

- 10mm socket and accompanying ratchet
- 12mm socket (if you need to install the OEM bracket)
- 5mm Allen Wrench



Figure 1: Tools

Tips: Use care to not drop the anodized spacers into your engine bay, but if you do, don't burn yourself while you reach for them!

Procedure:

1. Begin by collecting your tools and popping your hood. This'll be quick!

2. Now, remove your factory alternator cover if you still have it in place. This will require a 10mm socket to remove the two fasteners securing it. Set the nuts and the cover aside, you will not be needing them.



Figure 2: Remove 10mm nuts on each side

3. Next, remove the small rubber grommet from the driver's side bracket. Yours may pop right out, ours was a bit stubborn.

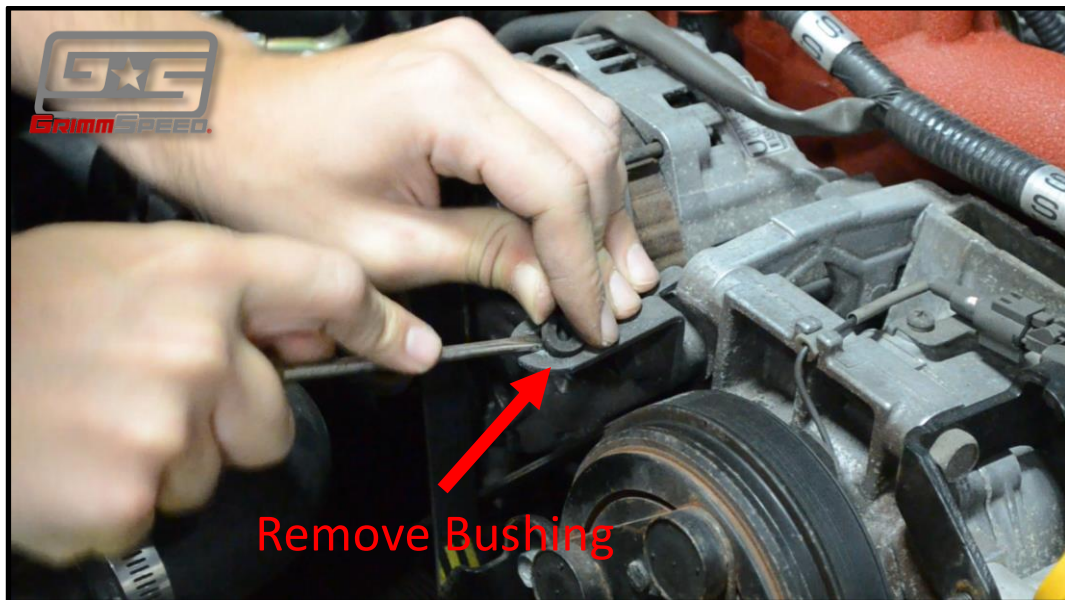


Figure 3: Remove Bushing

4. Rock on! Now, we'll install the GrimmSpeed unit. Start by carefully placing one of the larger washers onto the driver's side as shown. Then, you'll use the parts shown in Figure 5 to assemble the driver's side of the cover.

Short Bolt → Small Washer → Cover → Short Standoff → Large Washer → Factory Bracket → Nut

Get the nut started, but do not tighten all the way, you'll want to be able to move it around. If your vehicle doesn't have this bracket, you'll need to install it at this time!



Figure 4: Place larger washer

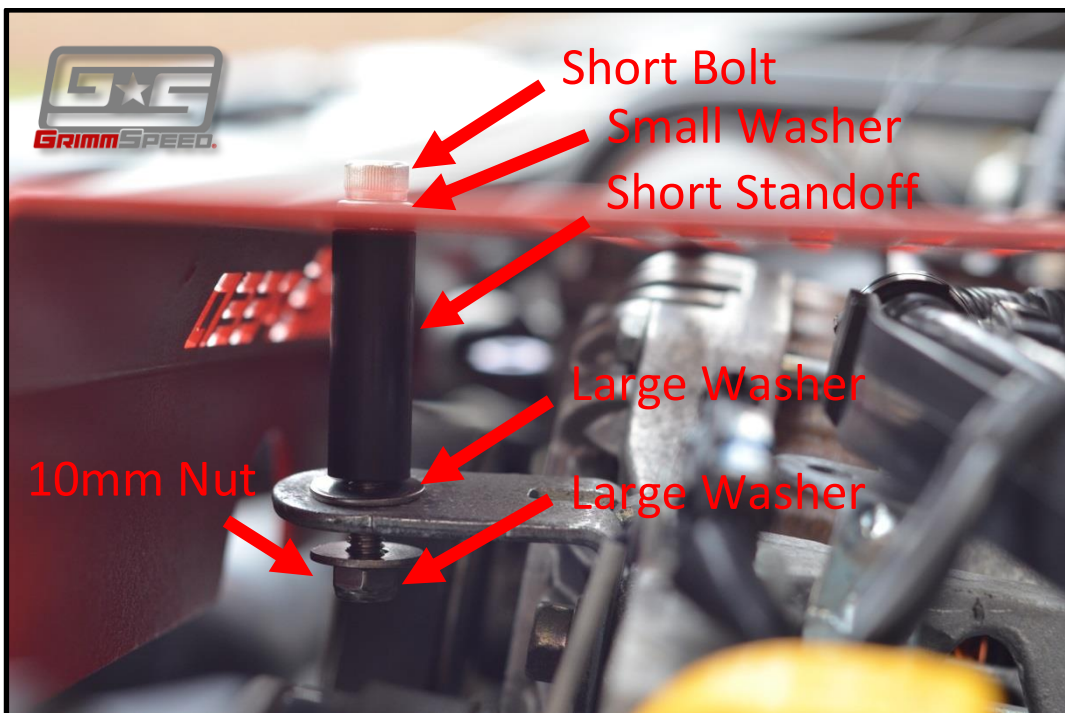


Figure 5: Assemble Driver's Side

5. Next, use the longer bolt and the smaller washer to assemble the passenger side as shown.

Bolt → Small Washer → Cover → Long Standoff → Factory Bracket

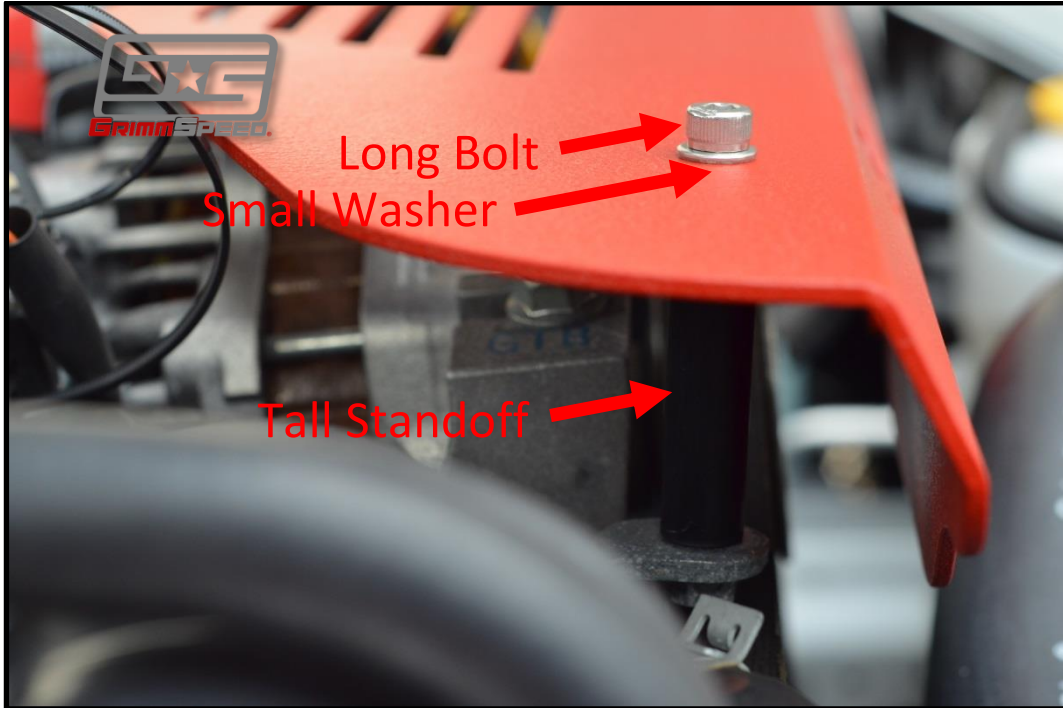


Figure 5: Assemble Passenger Side

6. Lastly, go ahead and snug up both sides using the 5mm Allen wrench and your 10mm socket. Just past snug will do fine.

That's it! You should be all set to go. Check the assembly periodically to make sure everything is still snug.