

Install



GenuineSaab.com

TO: Subframe Brace Customers

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DATE: 3.14.06

SUBJECT: Rivet Nut Installation

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In an effort to eliminate all the frustration about installing these 3/8 Rivet-Nuts we put together this document. I will describe the installation method. If you have any questions feel free to yell. The hardware package should look like the package to the right. They key is the modified nut with teeth on the face that bites into the rivet to keep it from spinning during install. There will be other parts in the package depending on application.



This shows the before and after of the rivet installation. In actual use the subframe would be between the bulge and the washer head of the rivet. Once installed in a blind hole the rivet grabs onto the metal inside the hole. This is not as hard as it sounds, Really!

Some of the cars have slightly smaller holes and they must be enlarged with a 1/2" or 12.5mm drill before the rivets will drop in. You will also need some 9/16" wrenches for the 3/8"-16 bolts.



•First, assemble the tool as shown in the images to the left. The rivet will slide into the subframe hole. A dab of grease on the threads and on the washers will help but is not necessary.

•Ok, Now the only tricky part is to keep the rivet / tool assembly pressed up flush to the subframe while holding the flange nut with a wrench and tightening the bolt. You might find it easier to use a wrench and a ratchet, socket and extension combo.



•While tightening the bolt you will feel a spike in the required torque and then as the rivet deforms you will be able to feel it bottom indicating it is done. To double check you can attempt to spin the assembly with the nut /wrench. It should be pretty tight if not tighten the bolt a bit more.

•You can now remove the install bolt / washer and threadless nut. Repeat this as required for the remaining rivets.

- Now all that is left is to bolt up the brace. Start all the bolts before tightening any of them. This will help with aligning them. Tighten the bolts to 30 ft lbs. After 100 miles or so you should check all the fasteners to be sure they have not loosened up. This only has to be done once.

As always if you get stuck call us before you get really frustrated.

Nick Taliaferro