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TR6 Boot Lid Strut Kit Installation Instructions

1. Remove your old prop, and prop open your trunk lid with a broomstick or the like.

Left Hand Installation:

2. Install the lower (body) ball stud, fender washer (not pictured!), and star washer. Do not over tighten.



3. Install the upper (boot lid) ball stud without any washer at all. It is best to use a drop of thread lock so this never vibrates loose. Do not over tighten!



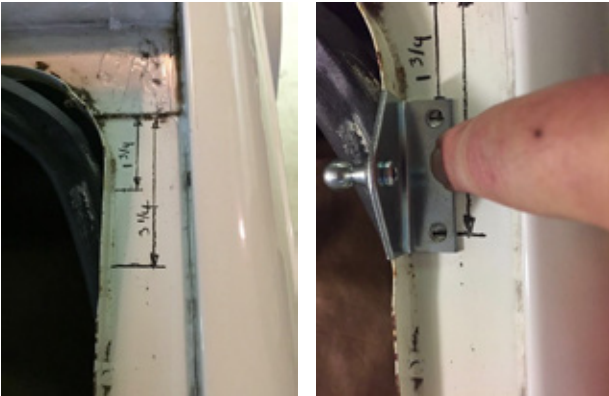
4. Snap on a gas spring, with the thick portion oriented upward. This orientation helps keep the seal lubricated for longest life.



5. Close and open your boot lid to ensure smooth operation. Your trunk seal may touch the gas spring, but a spray of dry silicone should be all you need to keep from catching. If you find there is too much interference, here are a few things to consider:
 - 5a. Firstly remove the seal and let it sag into the boot to ensure smooth operation without the seal.
 - 5b. Is your seal original? Some aftermarket seals are significantly larger than the originals and will interfere. MacGregor makes a good OEM quality seal.
 - 5c. Remove the seal along the left side and examine the standing steel flange. Is it properly vertical? Take a rubber mallet and bump it over to adjust.
 - 5d. Is your boot lid centered? You may have to loosen the lid at the hinges to move your boot lid to the right.

Right Hand Installation:

6. Pull boot lid gasket clear and measure $1\frac{3}{4}$ and $3\frac{1}{4}$ inches from the body seam as shown in the photograph. Your lines should match the bracket holes.



7. Find the proper drill points by using the lower bracket as a template and pressing your pencil INWARD as shown, while dragging the bracket along the standing metal edge.



8. Center-punch the two points and drill with a $\frac{3}{16}$ " bit. Note: Use a tiny drill bit first if you like, to ensure accuracy. It is okay to drill a millimeter closer to the standing edge, but Not okay to drill any farther away, otherwise you will not clear your gasket upon final assembly.



9. Fasten the lower bracket using the machine screws and Kep nuts; see photos. Replace the boot lid gasket.



10. Snap the gas spring onto the lower bracket and snap the upper bracket onto the other end of the gas spring.
11. Center the upper bracket on the boot lid rail and mark the top hole with a pencil. Note: lift the lid just a little bit before marking, since there is a natural sag when the lid is supported by just the left hand strut. Try to remove the sag of the lid before marking so the lid will be equally supported by the two struts.



12. Drill this point with a $\frac{7}{64}$ " drill bit. Note: Use a stop collar on your bit, so you don't accidentally plunge through and dent your boot lid outer surface.



13. Remove the upper bracket from the strut and attach it to your boot lid with a sheet metal screw. A drop of thread lock is a good idea so the screw never vibrates loose. Now mark the second hole location, swing the bracket out of the way and drill the second hole. Fasten the second sheet metal screw (use a drop of thread lock) and tighten both.



14. Attach the RH gas spring and test operation.



15. Finally, attach the 4 locking springs to the strut end-fittings. These will prevent the struts from detaching if ever they are bumped. Insert the wire fully and then rotate until it snaps onto the end-fitting collar, thus locking the ball stud inside the end-fitting. Some are blind. Start with the top right hand one since it is visible/easiest.



16. Periodically use a non petroleum-based lubricant on the struts and on your trunk gasket so their touching does not become abrasive. Dry Silicone Spray is ideal; available at ACE hardware stores.

