



F-BODY UPPER HINGE REPAIR KIT INSTALLATION INSTRUCTIONS

Before beginning installation of your pin and bushing kit, please read through these instructional steps to familiarize yourself with our installation process.

1. Open the door and roll your window all the way down.
2. Support the weight of the door while the hinge pins are being removed. One idea would be to use an engine hoist and a nylon strap around the door at the center of gravity. **Please use extreme caution and care when securing your door for installation.** It is not recommended to steady on a bucket or using friends to hold the door up.
3. Apply painters tape, or another suitable protective layer to the rear most portion of the fender top to bottom. Apply the same material to the front of the door top to bottom with a width of about 6 inches. This is done to prevent accidental damage to the paint on your door or fender. Use caution when removing your hinge pins.
4. With a large pry bar, remove the lower door hinge detent spring. Covering the spring with a shop towel or old rag can be helpful to prevent the spring from flying loose when removing from the door.
5. Move the spring retainer on the lower hinge pin out of its position, and remove the lower hinge pin.
6. Using a Dremel tool with a small grinding disc, or similar tool, grind off the swaged ends of the upper hinge pins (top side of the upper pin and bottom side of the lower pin).



7. An alternate method of removing the upper hinge pins is to drill the head off as you would with any rivet. THIS METHOD IS RECOMMENDED TO BE USED BY PROFESSIONALS. If not done properly, damage could occur. The process is provided in the pictures below.







8. While maintaining a steady grip on the door, tap out the old hinge pins. Move the door slightly away from its normal position and tap out the old bushings.



9. Using the supplied piece of abrasive fabric, carefully clean any corrosion from the bores where the old upper hinge pin bushings were. This area **MUST** be clean because the new bushings must not be forced into their bores. The clearance between the replacement pins and bushings is designed to be only one thousandth of an inch (.001"). Because of this, they should be a slip fit. Any forcing of the bushings into their bores will result in the bushings closing up, which in extreme cases, prevents the new pins from passing through the bushings. Please see pictures.





10. Check to be sure that the new hinge pins will still fit into the new bushings and are a good "sliding fit."
11. Open the package of Loctite supplied with your kit. Apply 4-5 drops to the smaller outer diameter of the bushings where they meet the bushing's flange. Immediately insert the bushings into their bores, rotating them slightly to spread the adhesive evenly. Allow the adhesive approximately 20-30 minutes to set.



12. Because the bushings are a “slip fit,” the lower bushing must be held in place as the adhesive sets. This is easily accomplished with light finger pressure or a rubber band stretched between two large paper clips.
13. If desired, at this time, replace the lower hinge pin bushings.
14. Once the adhesive has completely set, move the door back into position. Align the door holes with the hinge holes and install the top pin, threads down, through the holes and press down until it feels solid. Giving it a gentle tap can make sure it is fully home. Note: the pin will not fully sit on the bushing yet as a section of the pin is tapered and will need to be drawn into the hinge. This happens when the nut is tightened.
15. Install the special nuts on the pin, do not fully tighten yet.
16. Install the lower hinge pin from the bottom of the hinge up. Install the nut.
17. Fully tighten the special nuts to their final torque.
18. Reinstall the lower hinge detent spring using a special spring compressor.
19. Check for fit at the door striker pin and any body interference before closing your door.