

Door Hinge Bushing Replacement Instructions

1. Remove doors from vehicle.
2. Clean hinge pins and inspect for signs of damage (excessive corrosion, wear, etc.).
3. Replace hinge pins if necessary.
4. Verify match of hinge pin OD and bushing ID
 - a. For TJ, YJ, and CJ models, the nominal diameter of the pin is 3/8"; part number 0001-001 should be used
 - b. For JK models, the nominal diameter of the pin is 7/16"; part number 0001-002 should be used
5. Verify fit of bushings and hinge pins – bushings should fit snugly over the pins or loosely with very little clearance. Ensure that it is possible to rotate the bushings on the pins without the use of tools.
6. Remove old bushings from vehicle half of hinge. **Failure to completely remove the old bushings is the most common cause of difficulty installing the new bushings.** The OEM bushings are a composite construction consisting of both metallic and non-metallic materials. Ensure that all portions (including both metallic and non-metallic material) of the old bushings are removed. No material should remain inside the rolled steel body of the hinge.

Tips for removing old bushings:

- Extremely deteriorated bushings may fall out upon removal of the door or can simply be removed by hand.
 - Old bushings may be driven out of the hinge from the bottom using a punch having a diameter slightly smaller than the OD of the new bushing.
 - Badly corroded bushings may require the use of picks or needle-nose pliers to remove all pieces.
 - A reamer or twist drill may be used to clean the ID of the hinge and remove any stubborn remnants of old bushings.
7. Press the new bushings into the body of the hinge with the flange facing up. **Insertion of the new bushings should not require the use of tools. If the new bushings cannot be inserted by hand, repeat step 6.**
 8. Install doors on vehicle and verify smooth operation of hinges.

