



## Door Hinge Bushing Kit Installation Instructions Part #: RT25004 & RT25005

### Kit Components:

- Door Hinge Bushings
  - RT25004 (4); RT25005 (8)
- Bushing Removal Tool

### Required Tools & Supplies:

- Ratchet
- T47 Torx® Bit
- Round File
- Emery Cloth
- Sandpaper
- Hammer
- Painter's Tape
- Touch-Up Paint (Optional)
- Dry Graphite Lubricant



**Read all instructions carefully prior to starting installation.**

1. Ensure that all components in the kit are accounted for
2. Remove the upper and lower door hinge nuts using a T47 Torx Bit and Ratchet.
3. Disconnect the door wiring harness (if applicable). Disconnect the door stop strap.
4. Remove the door and set it on a flat work surface.

**NOTE:** It may be necessary to work the door back and forth as you lift it to release it from the body. Penetrating oil will help to ease this process.

5. Apply some Painter's Tape around the door hinge on the door.
6. Remove any rust or corrosion from the door hinge on the door using Sandpaper and/or Emery Cloth. Test fit a Door Hinge Bushing onto the pin of the door hinge. The bushing should slide onto the pin with no slop.
7. Apply some Painter's Tape around the door hinge on the body.
8. Remove the factory door hinge bushings using the Removal Tool and a Hammer. Penetrating oil will help remove stubborn bushings.
9. Remove any rust or corrosion from the door hinge on the body using a round file. Test fit a Door Hinge Bushing into the hinge. The bushings should slide into the hinge most of the way. The remaining bushing section should install using just your hands using light pressure. Do not install the bushings at this time.

**NOTE:** Forcing the Door Hinge Bushings into a hinge or pin may cause a poor fitting door or premature failure of the bushing.

10. Optional: Apply Touch-Up Paint to any spots on the hinge as needed. Do not paint the bushing hole in the hinge.
11. Install the bushings into the body side of the door hinge. Remove the Painter's Tape.
12. Apply a small amount of Dry Graphite Lubricant to the pin of the door hinge.
13. Install the door onto the vehicle. Test to ensure the door opens and closes easily.

**NOTE:** In rare occasions the doors will not close or fit properly. This is caused by the process of hammering out the factory bushings or any adjustments made to the hinges in the past. The hinge bolts will need to be adjusted for the door to close & fit properly.

14. Install the upper and lower door hinge nuts. Connect the door wiring harnesses (if applicable). Connect the door stop strap.
15. Repeat Steps 2-14 on the other door(s).

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