

ENTRYDOOR SERVICE INSTRUCTIONS

Created 7/24/2008
Updated 4/1/2014

Door Hinge Service

Note: To prevent damage to the remaining hinges, only (1) hinge at a time may be removed from the door.

Tools required: Phillips screwdriver, (2) scratch awls, door support

Parts required: (1) 490487 Hinge, (9) 272-041968 #10 x 7/16 Pan head Taptite Screw.

Removal and Installation

1. Open main door and close and latch screen door. Support the main door to prevent it from sagging once a hinge is removed.
2. Remove screws from the intended hinge to the screendoor. Discard screws.
3. Open and latch screendoor to main door.
4. Remove the top (2) screws on the door side of the intended hinge. Swing the leaf away from the door. Reinstall (1) screw into the hinge hole on the door.

Note:

This will prevent the tapping plate inside the door from dropping after all of the screws are removed.

CAUTION:

If the tapping plate on the door side is dropped, removal of the inside panel and/or removal of the window assembly will be necessary to retrieve the tapping plate and properly install the hinge.

5. Remove the remaining (2) screws on the door side of the intended hinge. Discard the screws.
6. Remove the top screw from the intended hinge on the mounting frame side. Discard the screw.

Note:

Insert the scratch awl into the hole to prevent the tapping plate from dropping after all of the screws are removed.

CAUTION:

If the tapping plate on the mounting frame side is dropped, Removal of the door from the coach will be necessary to retrieve the tapping plate and properly install the hinge.

7. Remove the remaining (3) screws from the intended hinge. Discard the (2) short screws.

Note:

The bottom screw on the hinge is fastened into the sidewall. Retain this longer screw for re-installation.

8. Carefully pry the hinge away from the mounting frame while retaining the scratch awl in the upper hole. Insert the second scratch awl into a middle hinge hole underneath the hinge leaf, then the first scratch awl may be removed.

Note:

Inserting the second scratch awl into the middle hole, underneath the hinge leaf, is to prevent the tapping plate from dropping after all of the screws are removed.

9. Release the screendoor from the main door and close and latch the screendoor to the coach and remove the hinge.
- 10.
11. Modify hinge notch in outer mount frame as follows: (SEE SKETCH BELOW)
 - 11.1. Increase length of notch from 7.62" to 8.75" by removing 0.56" for each end of the notch
 - 11.2. Bevel the base of the notch per sketch BELOW
 - 11.2.1. Bevel begins 0.26" back from the surface and is 0.13" down from the top edge of the notch

12. Replace hinge with screws-Torque to 40 in/lb maximum to avoid stripping out the aluminum tapping plate
13. Repeat for all hinges on the door
 - 13.1. Old style and new style hinges cannot be intermixed on a door
14. Once all hinges have been reinstalled. Test door and verify all hinge screws are tight
15. **Check tightness of hinge screws after test driving**

Note:

Use the new hinge screws provided in the service kit.

