

Elliptical Door Handles Installation Instructions



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General Installation Notes:

Please read these instructions completely before beginning the installation. If you have any questions, please call.

Before beginning the installation, disconnect the negative battery cable and use wheel chocks to block the vehicle's wheels.

Make sure the engine, transmission, body and frame are properly grounded. We recommend using anti-seize lubricant on all aluminum threads.

Refer to Figs. 1, 2 and 3 for the component names.

These Door Handles are designed to work with 1/16" diameter steel cable for the release mechanism.

The steps outlined below represent a typical installation. Your application may require the steps to be followed in a different order, or may require extra steps and test fitments in order to install the Door Handles.

Step 1: Remove the rubber plug covering the screws on the handle lever (if applicable). Remove the screws from the handle lever, using a T10 Torx bit (Door Handle with exposed screws) or a Phillips head screwdriver (Door Handle with screws hidden by rubber plug). Separate the handle lever from the bezel.

Step 2: Remove the #6-32 x 3/8" flat head screw that attaches the bezel to the base plate assembly.

Step 3: Determine exactly where you want the Door Handle to be located on the door panel. Make sure that the release cable (not included) will have a clear path from the Door Handle to the latch.

The base plate assembly should be attached to the interior structure of the door if possible. Verify that the base plate assembly and release cable will not interfere with any part of the window mechanism with the window raised, lowered, or in between. Verify that the base plate assembly will physically fit in the location you have chosen.

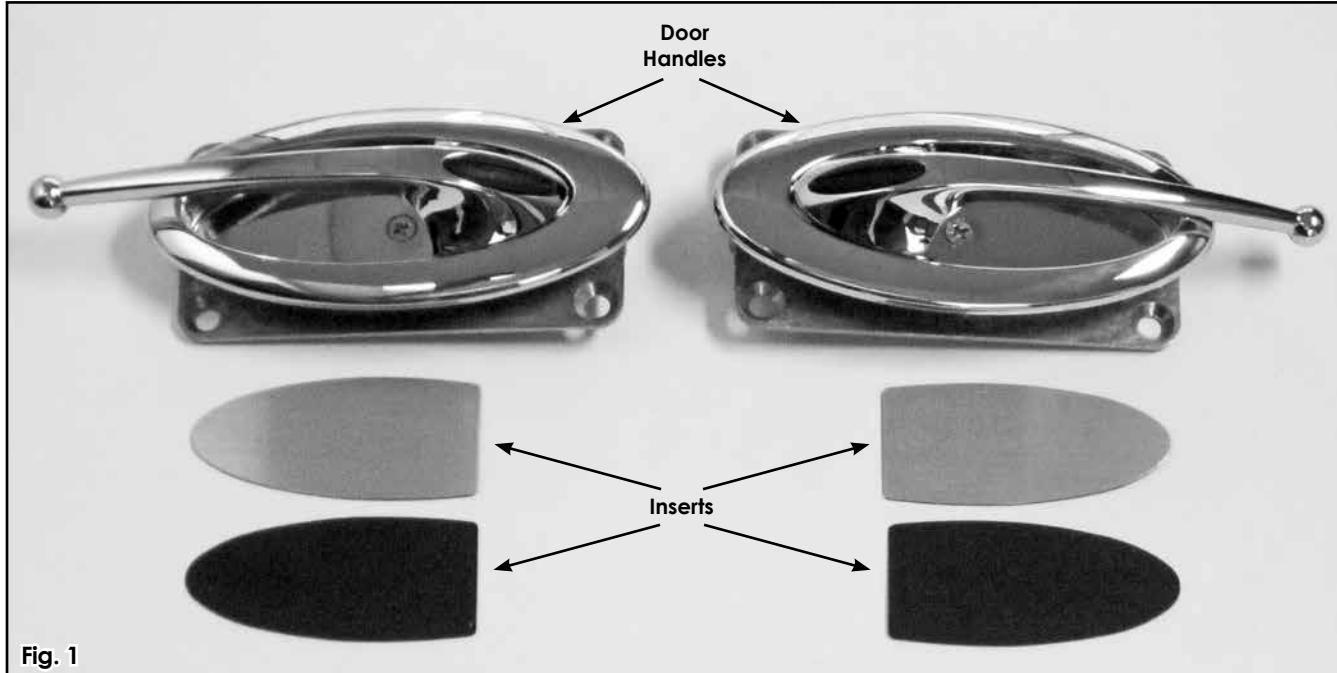


Fig. 1

Step 4: Install the base plate assembly into the door using flat head sheet metal screws (not included) or machine screws with locking nuts (not included).

Step 5: Temporarily install the bezel onto the base plate assembly, making sure that the alignment post on the back of the bezel falls into the bezel alignment hole in the base plate assembly. Install the #6-32 x 3/8" flat head screw through the handle assembly and into the base plate, and tighten.

Step 6: Position the handle lever on the base plate assembly. Loosely install both #4-40 x 1/4" screws. Slide the handle lever back as far as it will go, and tighten down screw "A" first. Then, tighten screw "B". **Fig. 4**

Step 7: Connect the release cable to the base plate assembly, and adjust the length of the release cable as needed to operate the latch. Check for operation.

Step 8: Once the cable is adjusted and the latch is operating properly, remove the handle lever and the bezel from the base plate assembly.

Step 9: Take measurements on your door for the location of the threaded hole and the bezel alignment hole in the base plate assembly. Transfer those measurements to the door panel, and mark the locations of the threaded hole and the bezel alignment hole onto the door panel.

Step 10: Drill a 9/64" hole in the door panel where the mark for the threaded hole is. Drill a 1/8" diameter hole in the door panel where the mark for the bezel alignment hole is. **Step 11:** Place the bezel on the door panel in the correct position. Temporarily install the #6-32 x 3/8" screw (or a small bolt and nut) in the screw hole in the bezel and through the door panel. Make sure the alignment post drops into the 1/8" diameter hole in the door panel. This will help hold the bezel stationary.

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Ball End Handle

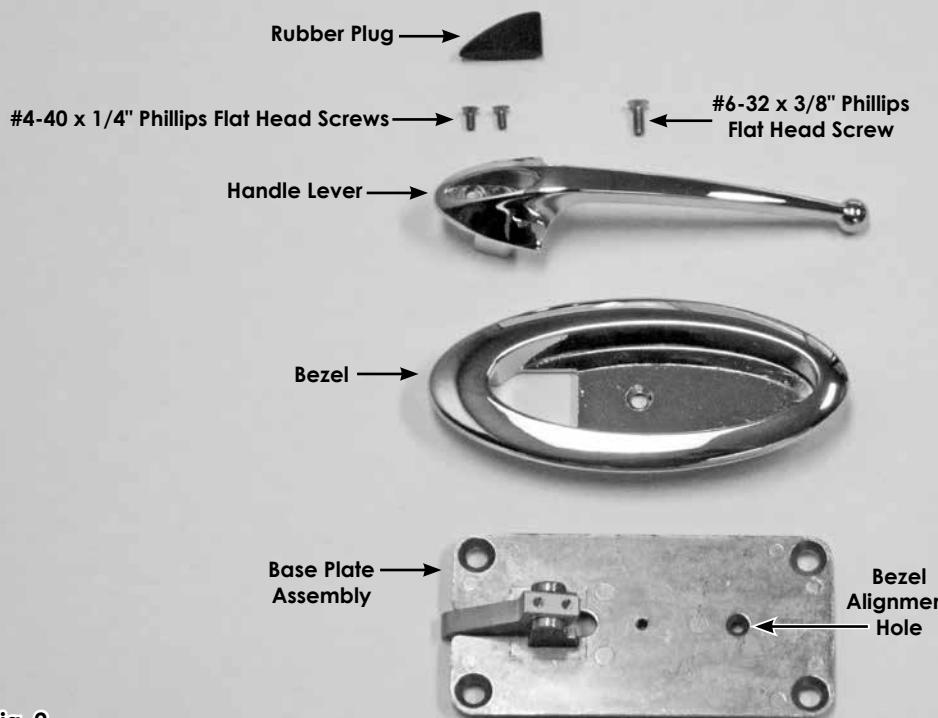


Fig. 2

Ribbed or Open Ellipse Handle

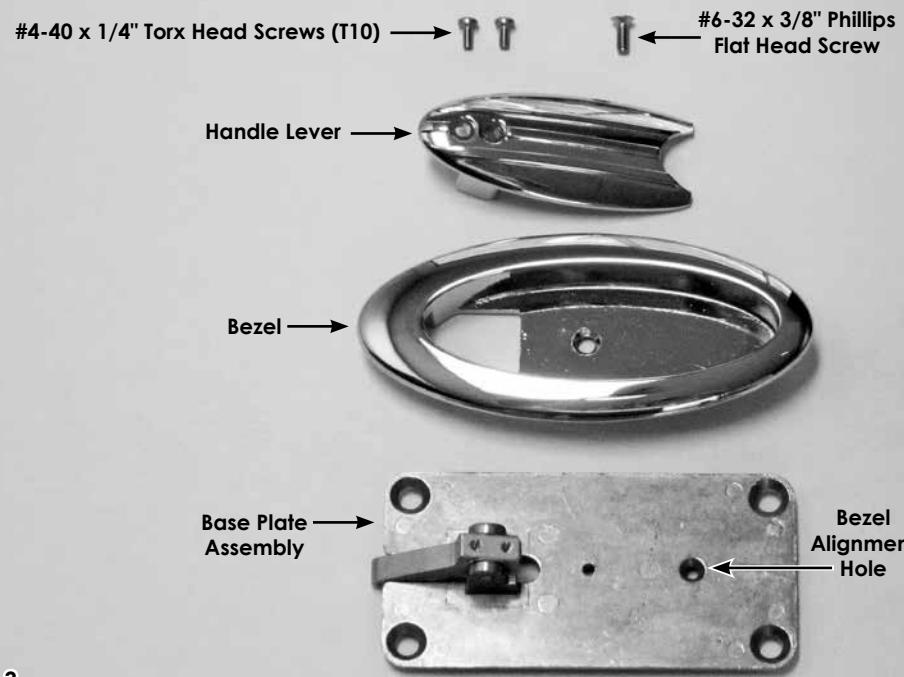


Fig. 3

Step 12: Trace around the outside of the bezel where it touches the door panel. Remove the bezel from the door panel. Then, cut that area out of the door panel.

Step 13: Install the door panel onto the door.

Step 14: Reinstall the bezel onto the base plate assembly, making sure that the alignment post on the back of the bezel falls into the bezel alignment hole in the base plate assembly. Install the provided #6-32 x 3/8" flat head screw through the handle assembly and into the base plate, and tighten.

Step 15: Position the handle lever on the base plate assembly. Loosely install both of the #4-40 x 1/4" screws. Slide the handle lever back as far as it will go, and tighten down screw "A" first. Then, tighten screw "B". **Fig. 4** Check the operation of the Door Handle.

Step 16: If applicable, reinstall the rubber plug that covers the screws in the handle lever.

Step 17: Your choice of handle insert can now be installed. Remove the backing paper from the insert and press the insert firmly into place inside the bezel.

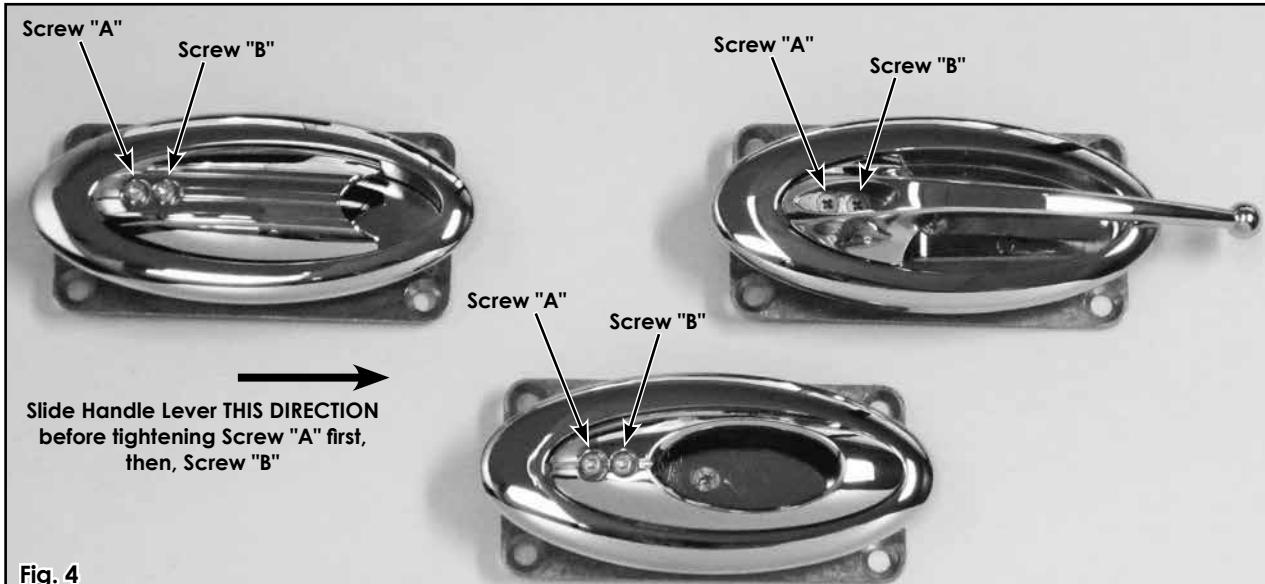


Fig. 4