

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 Fig. 1 for the component names.

Step 1: Remove the existing door handle arms or window crank arms. Clean the handle/crank shafts to remove any dirt or rust.

NOTE: You will need a minimum of 3/8" of the shaft protruding beyond the door panel in order to install the new Handle or Crank.

Step 2: If this is a new installation and the handle/crank shafts (not included) on the window regulator or door handle mechanism are excessively long, the shafts can be cut to the desired length. Be sure to leave them long enough so that the shroud does not touch the door panel and create wear.

Step 3: Remove the screw cover from the new handle/crank arm. Use a 5/64" Allen wrench to remove the #8-32 button head or flat head screw from the splined shaft insert. Separate the handle/crank arm from the splined shaft insert and shroud. Slide the splined shaft insert out of the shroud.

Step 4: Use a 5/64" Allen wrench to back out the #10-32 x 1/4" set screws in the splined shaft insert, but do not remove the set screws. Slide the splined shaft insert onto the handle/crank shaft. Tighten the two #10-32 x 1/4" set screws in the splined shaft insert against the shaft. **Fig. 2**

Step 5: Slide the shroud onto the splined shaft insert. **Fig. 3**

Step 6: Determine how you want the handle/crank arm to be positioned. Slide the handle/crank arm onto the splined shaft insert, making sure the alignment posts on the splined shaft insert are seated in the alignment holes in the handle/crank arm.

Note: It may be necessary to reposition the splined shaft insert on the shaft in order to get the handle/crank arm pointed in a specific direction.

Once you have the handle/crank arm in the position you want, install the #8-32 button head or flat head screw into the splined shaft insert, and tighten with a 5/64" Allen wrench. **Fig. 4**

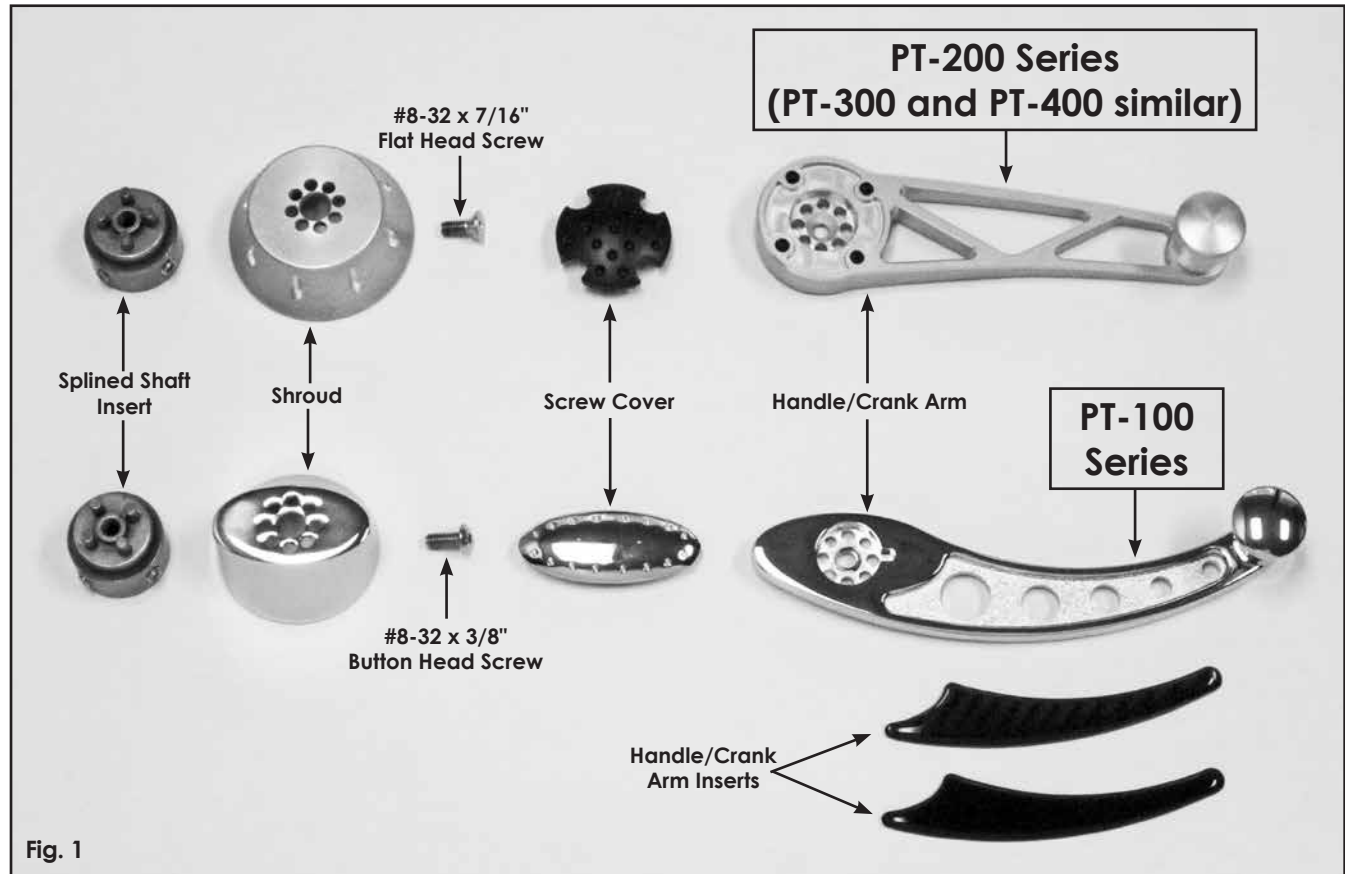


Fig. 1

Step 7: Install the screw cover onto the handle/crank arm. **Fig. 5** On the PT-100 Series, make sure the alignment tab on the underside of the screw cover is aligned with the notch in the handle/crank arm.

If the screw cover needs to be removed in the future, it can be pried away from the handle/crank arm by carefully inserting a razor blade under the cover (chrome screw cover) or using a fingernail or small screwdriver (rubber screw cover).

Step 8, PT-100 Series Only: If you are going to be using the optional handle/crank arm inserts, match up the correct left and right insert with each handle/crank arm. Carefully peel the backing paper off of the insert, and press the insert into place on the handle/crank arm.

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**Door Handles &
Window Cranks
Installation
Instructions**



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