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## DELIRIN SHIFTER ASSEMBLY BUSHINGS for 93-97 VOLVO 850's with manual transmissions

Directions for installation

INCLUDED in package:

- 4 Delrin bushings (with hips)
- 4 Delrin washers



NEEDED TO INSTALL:

- 1/4 or 3/8" drive ratchet
- 8mm socket
- 12mm socket
- T25 Torx driver
- T15 Torx driver
- Flathead screwdriver
- Red or Blue Locktite

PART 1 removing console trim

1. Open the armrest. Remove small cover on the inside of armrest by prying up gently. Then remove the (2) 8mm bolts (near the parking brake adjustment)
2. Pull up on the base of the shift boot and remove it from the console trim.
3. Pull up to remove trim piece below e brake handle.
4. Remove (2) T25 torx screws from back of change tray that secure the tray to the

center console, then remove tray. Disconnect 2 large connectors. Disconnect light and power to the lighter. Remove (2) T15 torx screws that hold the console to the car.

5. The console should be ready to remove now. Make sure that nothing else is attached, then pull up on the from the back first and slide backwards. Pull the console up and out while positioning the shift boot so that it will slide down through the hole in the console.

## PART 2 installing bushings

1. Remove (2) 12mm bolts on either side of the console frame. (These bolts are the ones by the seats that are positioned horizontally) .
2. Remove the (4) 12mm bolts securing the shifter box to the frame of the car. Remove the small horizontal metal plate that is held in by the bolts.



3. Remove the rubber bushings and metal inserts from the shifter assembly.
4. Note the metal spindles that center the assembly. Place 1 of each bushing over each spindle positioned so the shifter assembly sits on the hip of the bushing.



5. Place the assembly over the spindles and new bushings then place the set of Delrin washers on top of the holes. Place the metal inserts in through the washer.



6. Place the small horizontal metal bracket back over the rear of the assembly and reinstall the side bolts first tightening partway. Next reinstall the bolts that hold the assembly down: Apply locktite to the bottom of the bolts and tighten down while keeping the washers and metal inserts centered under the bolts. Tighten the side bolts.
7. Align the console trim for re-installation. Connect two large wiring harness connectors then the light and power for the lighter. Install the (2) T15 Torx screws, reinstall the two 8mm bolts, change tray and then (2) T25 Torx screws that hold the tray to the console. Reinstall trim for the ebrake. Snap in the shifter boot and you should be done!

Thanks for your purchase!

If you have any questions or problems with this product, or if you need help please contact me at [snabb.performance.parts@gmail.com](mailto:snabb.performance.parts@gmail.com)

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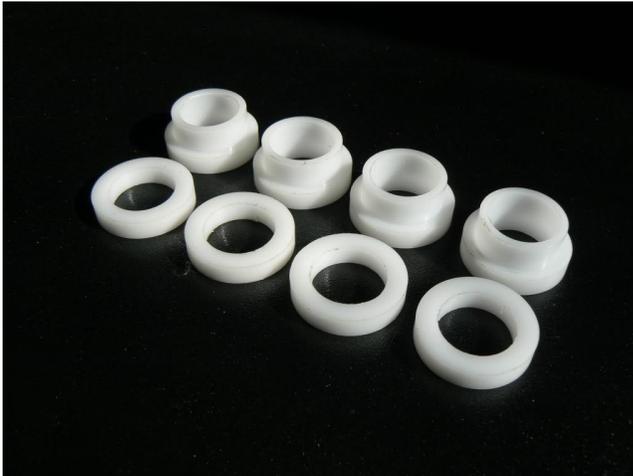
## DELRIN SHIFTER ASSEMBLY BUSHINGS

for 98-99 VOLVO 70 series with manual transmissions

Directions for installation

INCLUDED in packaging:

- 4 Delrin bushings (with hips)
- 4 Delrin washers



NEEDED TO INSTALL:

- 1/4 or 3/8" drive socket
- 8mm socket
- 12mm socket
- T25 Torx driver
- Red or Blue Locktite

PART 1 removing console trim

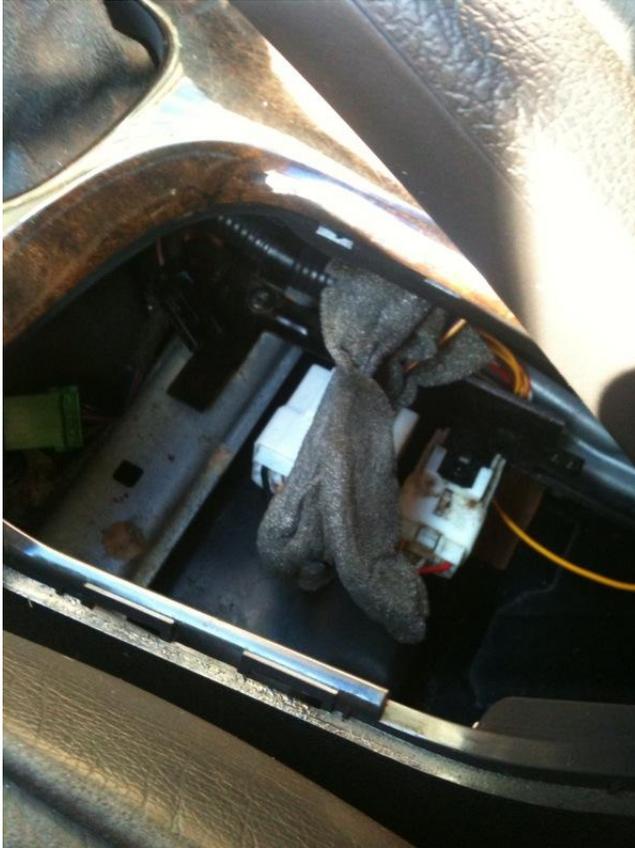
1. Open the armrest. Remove small cover on the inside of armrest by prying up gently. Then remove the (2) 8mm bolts (near the parking brake adjustment)
2. Pull the trim for the ebrake toward the drivers side to loosen it from main console.



3. Pull up on the base of the shift boot to separate it from the console trim.
4. Pry the bottom edges of the trim (by the carpet) out with your fingers to loosen it, then lift the trim away from the car enough to reach under and access the wiring harness connectors to the right of the parking brake.



5. Separate the two large white connectors to the right of the parking brake handle.



6. The console should be ready to remove now. Make sure that nothing else is attached, then pull up on the from the back first and slide backwards to release. Pull the console up and out while positioning the shift boot so that it will slide down through the hole in the console.

#### PART 2 installing bushings

1. Remove single T25 torx screw that secures the bracket for the white female connectors.
2. Remove (2) 12mm bolts on either side of the console frame. (These bolts are the ones by the seats that are positioned horizontally) .
3. Remove the (4) 12mm bolts securing the shifter box to the frame of the car. Remove the small horizontal metal plate that is held in by the bolts



4. Remove the rubber bushings and metal inserts from the shifter assembly.
5. Note the metal spindles that center the assembly. Place 1 of each bushing over each spindle positioned so the shifter assembly sits on the hip of the bushing.



6. Place the assembly over the spindles and new bushings then place the set of Delrin washers on top of the holes. Place the metal inserts in through the washer.



7. Place the small horizontal metal bracket back over the rear of the assembly and reinstall the side bolts first tightening partway. Next reinstall the bolts that hold the assembly down: Apply locktite to the bottom of the bolts and tighten down while keeping the washers and metal inserts centered under the bolts. Tighten the side bolts.
8. Reinstall bracket that holds the female connectors with the T25 screw.
9. Align the console trim for re-installation , plug in the two connectors, reinstall center console trim, reinstall the two 8mm bolts and reinstall trim for the ebrake. Snap in the shifter boot and you should be done!

Thanks for your purchase!

If you have any questions or problems with this product, or if you need help please contact me at [snabb.performance.parts@gmail.com](mailto:snabb.performance.parts@gmail.com)

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