

A70 Steering Intermediate Shaft Bushing replacement Installation

Tools Needed:

Sharpie or paint marker

Razor blade

Drill with wire brush attachment

Sandpaper (200 grit recommended)

Small metal file

Grease

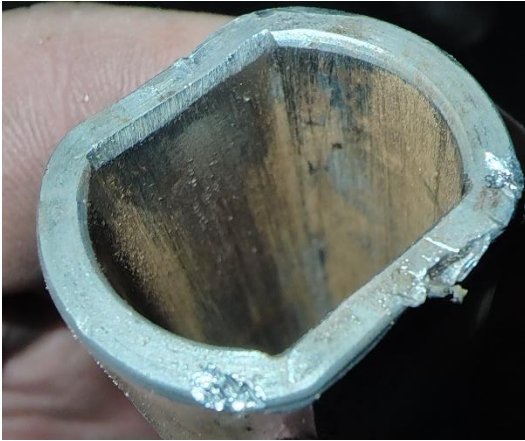
Small wood block or comparable

Dead blow hammer

1. Mark where the two halves of the intermediate shaft meet prior to removing the intermediate shaft from the car.
2. Use the razor blade to remove the rubber pads on the male half of the intermediate shaft
3. Use the drill with the wire brush or sandpaper to remove the remaining rubber on the flats of the male half of the intermediate shaft.



4. Use the metal file to chamfer the inside edges of the female side of the intermediate shaft.



5. Grease the inside of the female half of the intermediate shaft.
6. Test fit the Delrin bushings, one side of the bushing has a chamfer on the top and the bottom – this side should go in first
7. Sand the top of the Delrin bushings to fit the female half of the intermediate shaft.
 - a. It is important to not sand too much as there will be slop in the steering, and not too little as it may cause issues with the intermediate shafts' ability to collapse when needed. Care must be taken to test fit frequently to ensure proper fitment of the bushings. The fit should be snug as a light press fit, and may require slight persuasion with a dead blow hammer but not so snug that the Delrin bushings push out of place at the top of the pocket.
 - b. Sand the first set until proper fitment, and set them aside.
 - c. Sand the second set prior to reassembling the intermediate shaft.



8. Start reassembling the intermediate shaft. With the universal joint moved out of the way and the bottom of the female half resting on a wood block, insert the male half of the

intermediate shaft with the first set of Delrin bushings greased and set in place. Use the dead blow hammer to tap the two halves together until you get to the second flat on the male shaft.

9. Grease and insert the second set of Delrin bushings, and use the dead blow hammer to tap the two halves together until they line up with the line drawn in step 1.