



2004 and up Mazda 3 and Mazda Speed 3 Base Bushing Installation Manual

Estimated Installation Time: 30-40 Minutes

Tools Required:

- Philips head and large flat head screw driver
- 8mm and 10mm sockets
- Ratchet with an extension



1. Unscrew the stock shift knob by rotating it counter clockwise.



2. Open the storage compartment in the center console and remove the foam rubber mat in the bottom to access the 2 bolts. Use an 8mm socket and ratchet with an extension to remove the 2 bolts.



3. Lift up on the rear half of the console to begin removal. The rear portion can be removed from the car and put in a safe place.



4. Continue console removal by lifting the front of the console with the shift boot attached. The front portion of the console can now be removed and put in a safe place.



5. Unscrew the two 8mm bolts at the front of the console with an 8mm socket and ratchet or a Philips head screwdriver.



6. Remove the ashtray by pulling up and out.



7. Remove the lighter face plate by pulling up and out. Use both hands to remove the plate, one below the small door and one above. The cables connected to the back of the plate can be left connected, simply set the face plate aside on the driver's side so it is out of the way of the center console.



8. Use a ratchet and an 8 mm socket or a Philips head screwdriver to remove the 2 screws exposed by removing the lighter face plate.



9. The center console can now be backed up a few inches to access the white plastic connector which provides power to the rear compartment in the center console (Mazda Speed 3 only). Disconnect the white plastic connector to free the center console from the harness and enable it to be removed from the car.



10. Remove the entire console from the car by lifting up and back.



11. Use a large flat head screwdriver to pop off the shifter cable that controls side to side movement from the steel plate on the driver's side of the shift assembly. Use the steel plate as an anchor point for the screwdriver and pry until the cable pops off. This is done to have easier access to the front left bolt on the shift assembly.

Note: It is not necessary to remove the shifter cable which attaches to the shifter itself.



12. Use a 10mm socket and ratchet to remove the 4 bolts holding the shift assembly to the floor pan of the car. Put the bolts in a safe place for re-installation later.



13. Use a flat head screwdriver to pry the 4 steel inserts out of the rubber bushings at each corner of the shifter assembly. Work your way around each bushing prying upward to slide them out.



14. Lift the corner of the shift assembly just enough to place your hand beneath it. With the other hand, use your finger or thumb to push the rubber bushing out through the bottom of the shift assembly while pulling on the bushing from under the assembly. Repeat for all 4 corners of the shift assembly until all the bushings have been removed.



15. Lift the shifter assembly and line up all four bushings with the bolt holes in the floor, make sure the smaller diameter of the bushings faces upward.

Lower the shifter assembly on to the bushings ensuring that the smaller diameter on the bushings goes in to the holes in the plastic shifter assembly.

If the bushings do not line up with the holes in the shift assembly perfectly they can be adjusted by sliding a finger or screwdriver beneath the assembly to adjust them.



16. With all the bushings lined up with the holes in the assembly, place the washers provided with the kit on top of the shift assembly above the bushings.



17. Re-install the four bolts and tighten down with a 10mm socket and ratchet. Be sure the shift assembly remains properly seated on the bushings as you tighten the assembly down. This is most easily accomplished if you just finger tighten all 4 bolts at first, then tighten them down when you are sure the assembly is well seated on the bushings.



18. Re-install the shifter cable on to the pivot ball of the steel plate on the driver's side of the shift assembly. It can be pressed on by hand.



19. Re-install the center console by reversing steps 1 to 10 and you're ready to drive.

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