

## 1997-2004 (C5) Seat Track Repair Shim Kit (For Electric Seats) Installation Instructions

### Tools Required:

#1 Flat Blade Screwdriver

Tack Remover

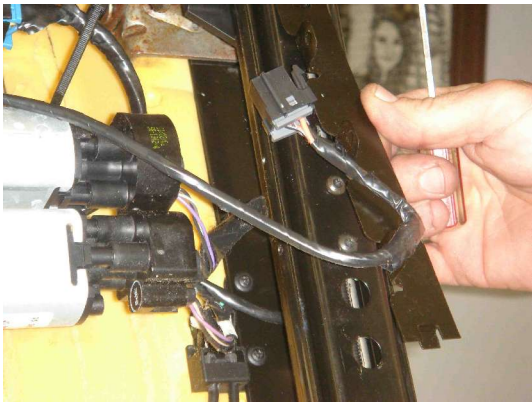
3/8" Drive Ratchet

3/8" Drive 6" Or Longer Extension

15mm Socket

Provided Special T25 & T40 Torx Bit Tool

1. Move seat to the reward position
2. Use a tack remover to remove the heads of the plastic retaining push pins that secure the front seat track covers (2). Simply push the tack remover behind the pin head and gently pry outward. This will expose the front seat track bolts.
3. Remove the two front seat track bolts using a 15mm socket
4. Move seat to the full forward position and remove the (2) seat track bolts using a 15mm socket
5. Move seat reward to approximately center of the tracks
6. Raise seat height up as far as it will rise
7. Lift seat on the outward side high enough to disconnect the electrical pigtail from the power supply lead using a #1 screwdriver to release the snap tab



**Illustration #7**

8. Lift seat out of car being careful not to hit any interior parts
9. With the seat on a workbench, seat track facing towards you, remove the wire retainer where you disconnected power from the seat by bowing center of plate removing one end at a time to expose the (2) Torx bolts

10. Remove both Torx bolts using the provided T25 Torx bit



**Illustration #10**

11. On the top side, at the rear of the seat track, find the large bolt with the T40 Torx head and remove it with the supplied tool. This will allow the drive gear and the caged nut to be removed from the rear end of the seat track



**Illustration #11**

12. Slide the seat track back at the front of the seat track and remove the transmission cable by pulling towards the rear of the seat track. This will insure the cable is not lost



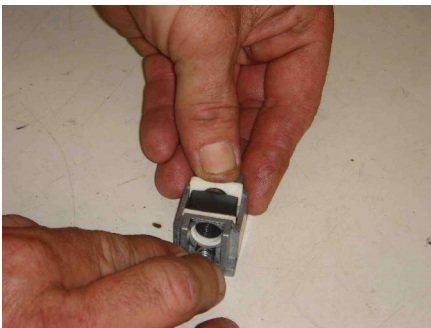
**Illustration #12**

13. With the drive gear out you can now see why your seat was sliding forward and reward because the soft plastic shims in the caged nut have deteriorated
14. Unthread the drive gear from the caged nut housing so that you can remove the nut and old shims from the housing (Note: the nut is peaked on the top side and “must” be reinstalled in this position)



**Illustration #14**

15. With the caged nut and shims removed, clean out the cage using the #1 screwdriver to loosen any old material that might remain
16. Reinstall the caged nut with the peaked side of the nut toward you and install the new shims on each side of the caged nut (the shims fit snugly, but are easily pushed in by hand)



**Illustration #16**

17. Rethread caged nut housing back onto drive gear approximately 1/3 of the way down the gear



**Illustration #17**

18. Now slide the drive gear and caged nut housing back into the seat track from the rear keeping in mind the orientation of the caged nut so the drive gear bolts are in the correct position while making sure to slide the drive gear into the guide at the front of the seat track. Do not install the transmission cable at this point



**Illustration #18**

19. Loosely install T40 Torx head bolt back into the drive gear at the rear of the seat track
20. Line up seat track with caged nut bolt holes and note that both halves of the seat track should be even with one another at the front. You may have to remove the drive gear again to achieve this alignment. Once the seat track is even slide the drive gear back and at this time replace the transmission cable. Next install the T25 and T40 Torx head bolts and tighten. It is **CRITICAL THAT THE LEFT AND RIGHT SEAT TRACKS ARE EVEN WITH ONE ANOTHER AFTER INSTALLATION**
21. Replace wiring retainer by inserting one end and bowing the middle to insert the opposite end



**Illustration #21**

22. Repeat these basic steps for all seat tracks