

Thank you for purchasing a rotary damper refurb kit. Over time, the rotary dampers either crack, leak, or otherwise break and no longer allow for the smooth deployment of the seat storage pockets. This kit is an exact OEM replacement for the failure point in the mechanism to return your vehicle back to OEM spec.

Sincerely,

The Stratos Meccanica Team



<https://www.stratosmeccanica.com/installation-guides>

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Bill of Materials:

The Kit includes the following:

- Rotary Dampers (in selected quantity)
- Information Card

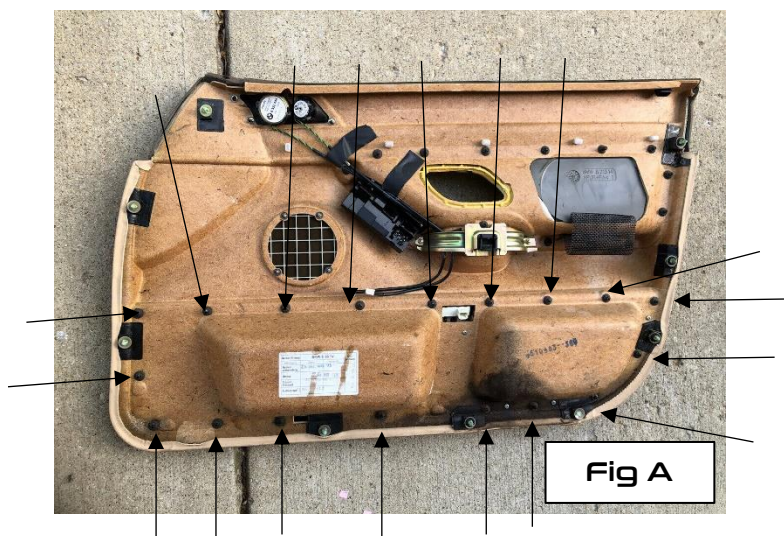
Recommended Tools:

- Philips Screw Driver
- 10mm socket (front door only)
- Pick tool or long thin screw driver

Installation Procedure:

1. Front Door Card (Storage Cubby)

- 1.1. Remove the door from the door using your preferred method.
- 1.2. Using a 10mm socket, remove the 10 nuts around the bottom perimeter of the door card (Fig A)



- 1.3. Remove the outer trim piece by pushing the plastic nubs through the door card that remain after the nut removal. The entire piece will come off as one (Fig B)



- 1.4. Remove the 4 Philips fasteners around the perimeter of where the door pocket resides and set fasteners aside (Fig C)



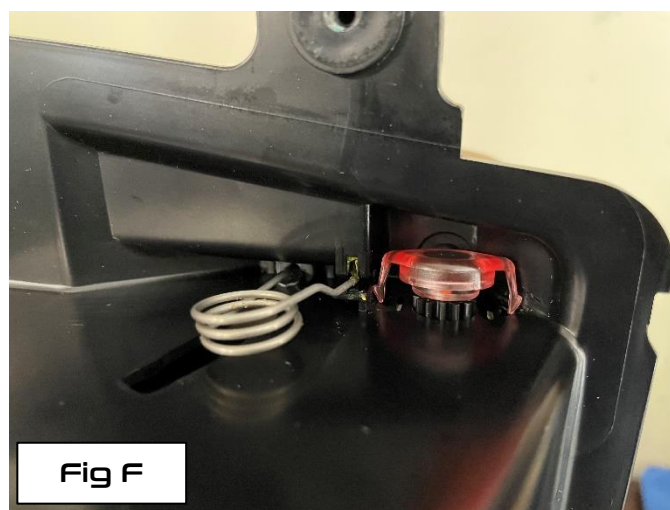
- 1.5. The storage cubby is now free to remove from the door card. Locate the rotary damper on the side of the outer plastic housing
- 1.6. Rotate the housing so the outside face of the rotary damper is facing up. The exterior of the rotary damper may have some adhesive on the outside you will need to remove prior to removing the damper. With a pick or blade screw driver, remove the adhesive.
*Depending on the age and condition of the vehicle, the rotary damper may be brittle and break off during this step (Fig D)



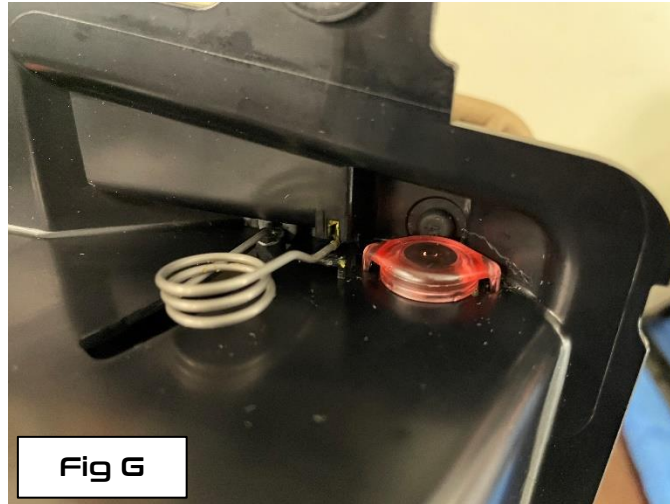
- 1.7. Open the cubby and insert a pick tool or long thin screwdriver into the side to disengage the two tabs (Fig E)



- 1.8. Remove the old rotary damper and clean any leftover oil/adhesive left behind by the old rotary damper
- 1.9. Locate new rotary damper and insert it into the black plastic housing ensuring the gear and two tabs align into their respective holes (Fig. F)



- 1.10. Press the rotary damper into place using moderate even pressure downward until both tabs click into place (a plastic pry tool can aid in this process).
*Optional for storage pocket, a dab of hot glue can be used to adhere it to the plastic trim after clicking the damper into place but the overall fitment seems to be sufficient for extended use (Fig. G)



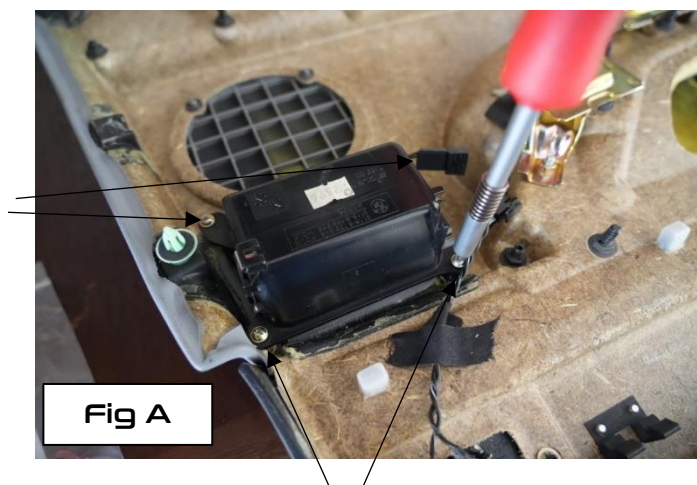
- 1.11. Test opening/closing action and ensure smooth operation before reinstallation
- 1.12. Reinstallation is reverse of uninstallation procedure. Line it up the black plastic housing perimeter with the 4 Philips sized holes on the door card and fasten. Replace exterior trim and fasten 18 10mm nuts to the black plastic posts. Reinstall door card back onto the door

2. Rear Door Card (Ashtray and Storage Pocket)

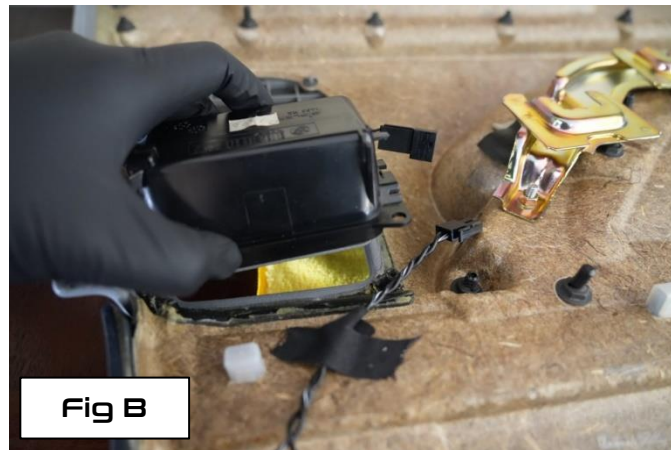
- 2.1. Remove the door card from the door using your preferred method. Pictured below are the variances between the short and long wheelbase versions. The steps to replace the ashtray damper and storage pocket damper are similar.



- 2.2. Using the Philips screw driver, remove the fasteners (4 for ashtray, 6 for storage pocket) around the perimeter (Fig. A)



2.3. Remove the assembly from the door card and rotate so the rotary damper is facing perpendicular to the ground in (Fig. B)



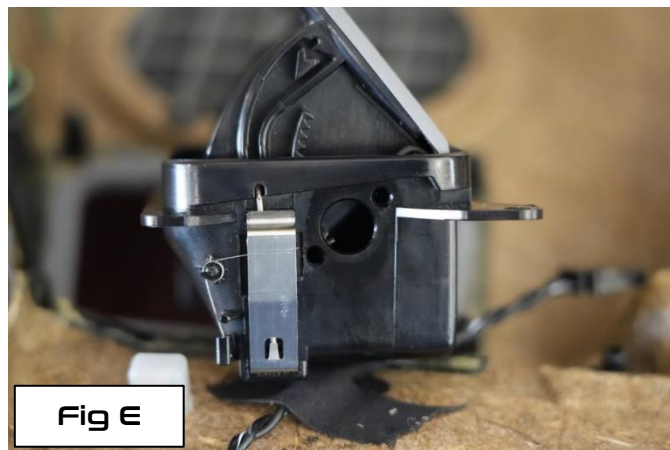
2.4. Locate the two interlocking tabs that hold the rotary damper onto the black plastic housing and using your pick tool, pry each one individually towards the center of the rotary damper until it disengages with the housing (Fig. C)



2.5. Pry the second tab and remove the old rotary damper from the housing. There is one damper per ashtray and two dampers per storage pocket. *The storage pocket may have additional glue adhering it to the plastic panel* (Fig. D)



2.6. (Optional) Clean up leftover oil/debris left behind by the old rotary damper. (Fig. E)



2.7. Locate new rotary damper and insert it into the black plastic housing ensuring the gear and two tabs align into their respective holes (Fig. F)

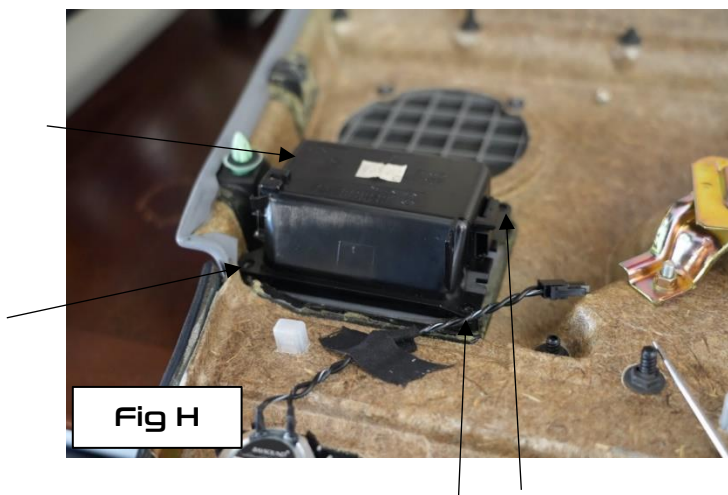


2.8. Press the rotary damper into place using moderate pressure until both tabs click into place. *Optional for storage pocket, a dab of hot glue can be used to adhere it to the plastic trim after clicking the damper into place (Fig. G)



2.9. Test opening/closing action and ensure smooth operation before reinstallation

- 2.10. Reinstallation is reverse of uninstallation procedure. Line it up the black plastic housing perimeter with the 4 plastic pegs on the door card (Fig. H)



- 2.11. Screw in Philips fasteners until hand tight
2.12. Reinstall door card back onto the door