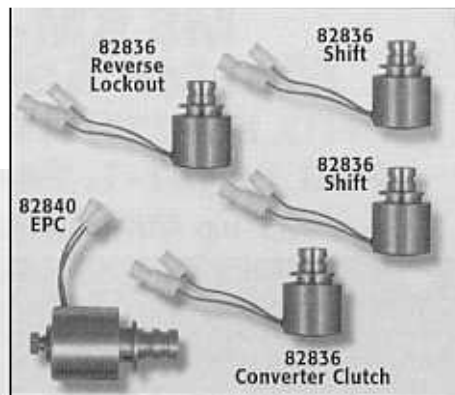


MS ZFHP22 Master Solenoid Kit '84-up



NOTE: This kit is for 5 solenoid valve body ONLY. Will not work on 4 solenoid valve body.

NOTE: There are no diodes in the OEM or Teckpak solenoids. Therefore, it does not make any difference which wire is attached to which side of the solenoid.

- To Remove:** Remove transmission oil pan and filter. Remove wiring connector from case connector.
- Remove 13 valve body retaining bolts and remove valve body.
- With valve body on bench, label each pair of wires. Wire length can be adjusted after the Teckpak/Fitzall Solenoid Master Kit is installed.
- Remove pressure control housing from valve body by removing three bolts. This will allow removal and installation of all solenoids (**Figure 1**).

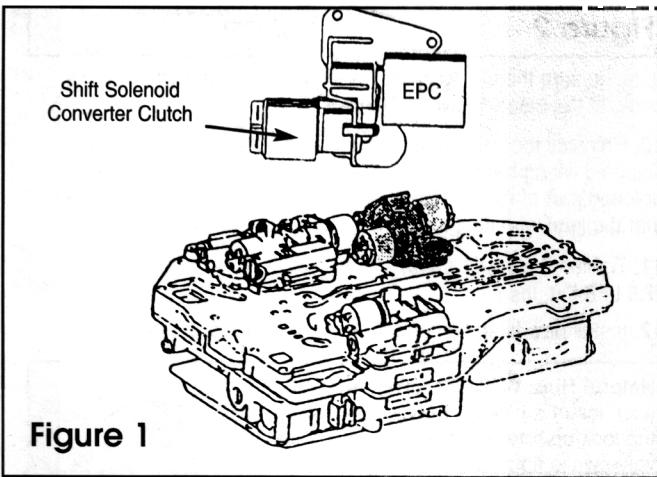


Figure 1

5. Remove original solenoids and install Teckpak/Fitzall solenoids (**Figure 2**). Use large Posi-Lock™ connector for two wires and small Posi-Lock™ connector for one wire. Reinstall pressure control solenoid housing to valve body. Cut wires on harness to achieve a proper wire length.

6. Strip back lead wires cut from the old solenoid and original solenoid harness approximately 1/2" and twist braided wire to form a tight strand. Loosen the Posi-Lock™ Connectors. Insert the bare wire into the connector until it bottoms out. Tighten the connector. Repeat this procedure for all of the connections (**Figure 3**).

Upper Valve Body with Solenoids and OEM wire colors

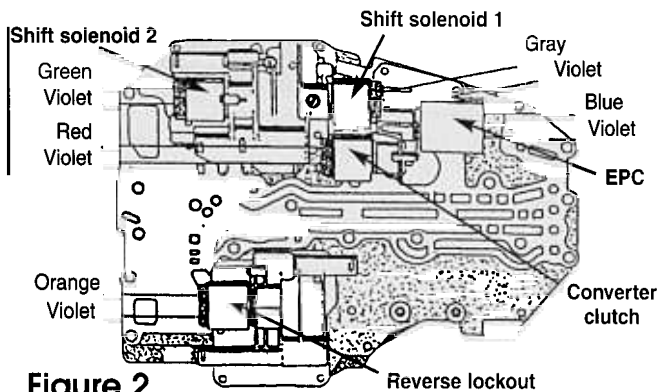


Figure 2

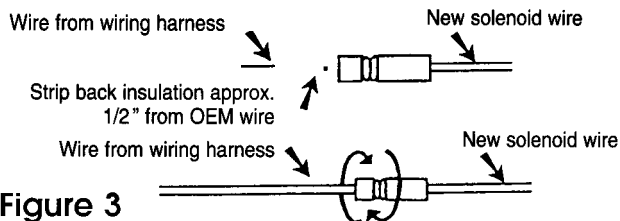


Figure 3

7. To Install: Reinstall valve body with 13 attaching bolts and torque to specification. Reinstall filter and transmission pan. Adjust fluid level and test drive.

8. Adjusting the force motor solenoid. After driving the vehicle, if you wish to make the shift firmer or softer, simply adjust the force motor solenoid using a 3/8" and 5/8" wrench. **Caution: Do not remove wrenches until adjustments are complete.** With both wrenches on the adjuster and lock nut, hold 3/8" wrench still while breaking the 5/8" lock nut loose. Move the 3/8" adjuster one-sixth turn clockwise to increase the pressure or counterclockwise to decrease the pressure.