

# ELECTRICAL COMPONENTS

## INSTALLATION INSTRUCTIONS

### 3-4 SHIFT SOLENOID for A4LD

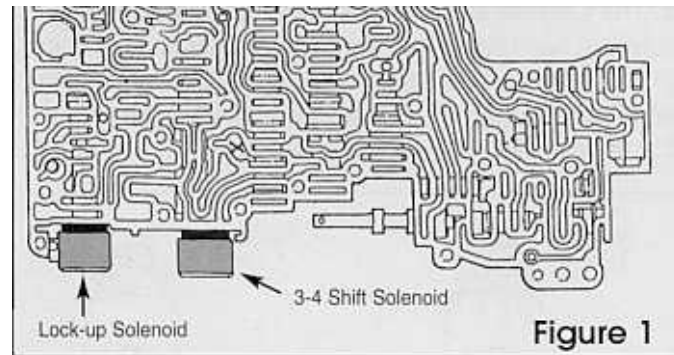


**K56836A-B 26 to 40 ohms**

**NOTE:** 1. There are no diodes in these solenoids, and polarity is not important. It makes no difference which wire is attached to which side of the solenoid. 2. Teckpak K56836A-B 3-4 Shift has a black back cover and the K56836 Lock-up has a silver back cover.

**1. To Remove:** Before removing the valve body, label wire pairs. Unplug the electrical wires that attach the 3-4 solenoid leads. The valve body on all A4LD transmissions must be removed before any of the solenoids can be replaced.

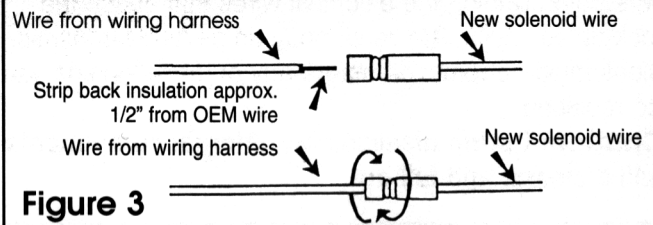
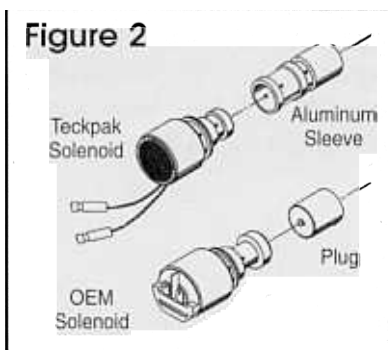
**Caution:** During disassembly internal components will dislodge and fall out.



**2.** After the valve body has been removed, the separator plate must be removed. Now remove the retainer clip that keeps the solenoid in place. Cut the wires as close as possible to the Shift solenoid.

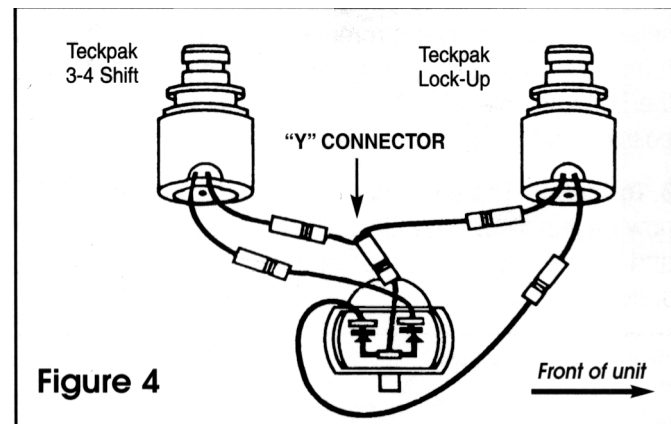
**3.** After the solenoid is removed, locate the aluminum sleeve/plug in the 3-4 solenoid bore position. Remove and discard.

**4. To Install:** Install the aluminum sleeve furnished in the kit (**Figure 2**). The solenoid and retaining clip may now be installed. When installing the separator plate and valve body, be sure to tighten all bolts to factory specifications.



**5.** 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**).

**6.** Install the "Y" connector (**Figure 4**) to the positive center wire, so there will be voltage to both solenoids. The lock-up solenoid has red wires, and the 3-4 solenoid has blue wires. The easiest way to keep track of wire location is to remember



the positive center wire goes to both solenoids. The wire located to the rear of the transmission is the lock-up ground. The lock-up solenoid is located nearest the front of the transmission. The wire located closest to the front of the transmission is the 3-4 ground. This is the solenoid located to the rear. Make wire connections as shown in **Figures 3 and 4**.