

DODGE/JEEP 42RLE MULTIPLE SOLENOID CIRCUIT AND PRESSURE SWITCH FAULTS

COMPLAINT: Some 2004-05 model Dodge Dakota, Durango, 300/Magnum, 2003-05 Jeep Liberty and Wrangler vehicles equipped with the 42RLE transmission may exhibit a complaint of multiple solenoid circuit faults including P0750 LR, P0755 2-4, P0760 OD, P0765 UD, and P0846 2-4 PSW, P0871 OD PSW, P0841 LR PSW, which are rationality codes related to pressure switches followed by limp mode.

CAUSE: The cause may be, moisture in the 10 pin solenoid harness connector as shown in Figure 1. This moisture can cause corrosion in the terminals in the case connector and the harness connector. Another cause may be a wiring problem between the TCM/PCM and the transmission harness connector. Note: 04-05 model Liberty have had harness problems between the TCM/PCM, with wire chaffing.

CORRECTION: To correct this complaint, locate the 10 pin connector, male and female connectors as shown in Figures 1 and 2. Inspect them for corrosion. If there has been moisture/corrosion, install the updated pig-tail as shown in service information. If the corrosion has affected the male terminals in the solenoid pack, it will need to be replaced as well. If the connectors are free from corrosion, refer to Figures 3 and 4 for the appropriate terminal identification for the TCM/PCM and verify harness integrity to the 10 pin connector, replace wiring as needed.

SERVICE INFORMATION:

- 10 PIN HARNESS REPAIR KIT (Dodge part number).....05102405AA
 - SOLENOID PACK (Dodge part number).....05143151AA
- Note: The Solenoid Pack can also be purchased at your local transmission parts distributor.*

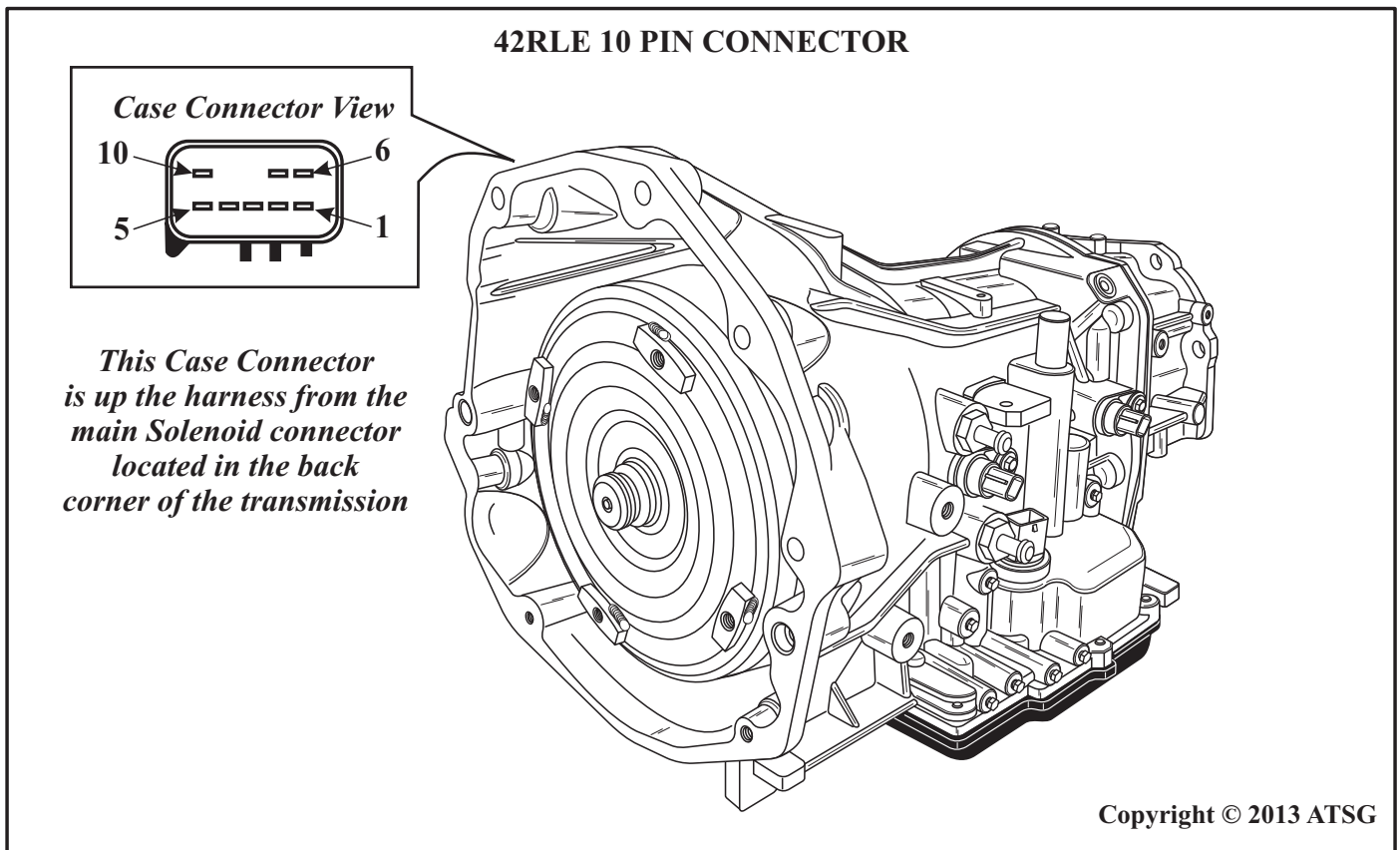


Figure 1
Automatic Transmission Service Group