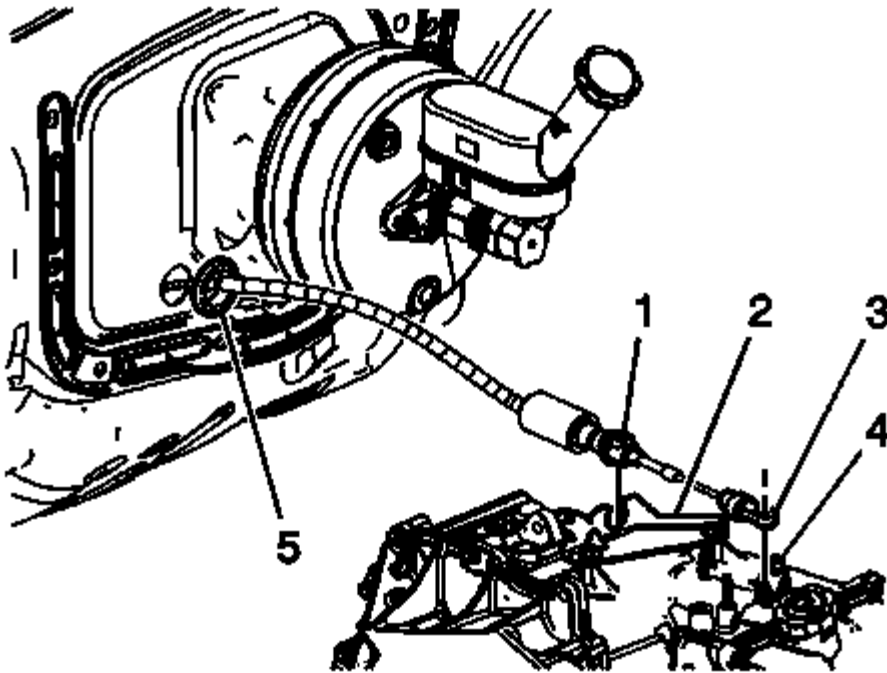


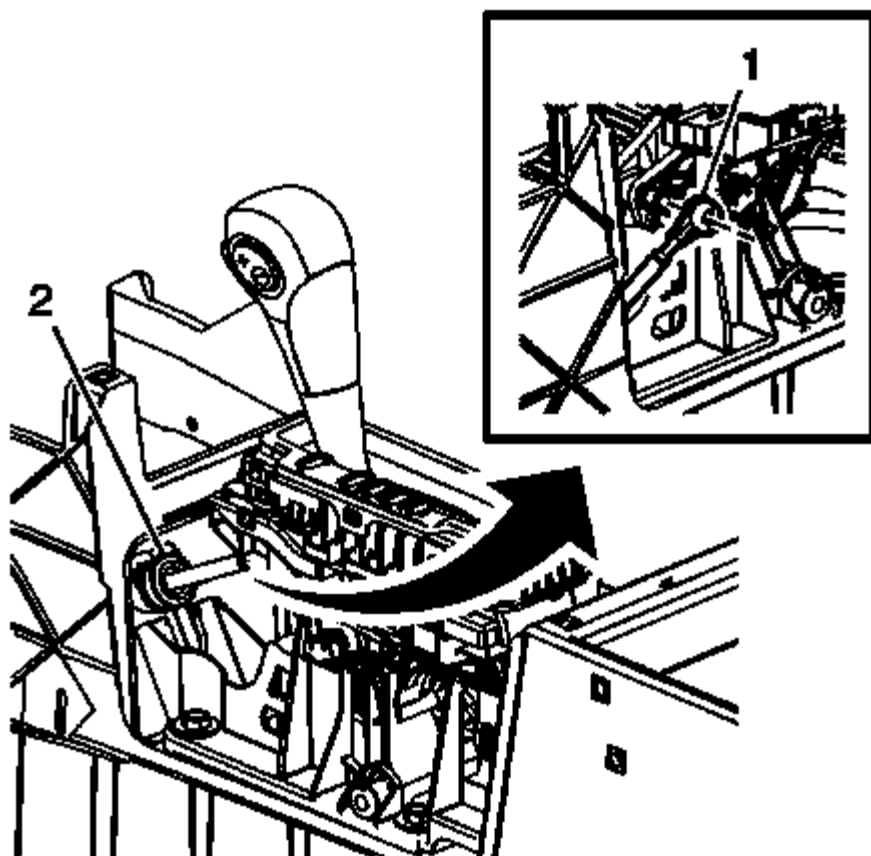
## 2014 GMC Acadia Denali

2014 TRANSMISSION Automatic Transmission - 6T75 (M7V M7X) - Repair Instructions - On Vehicle - Acadia, Enclave And Traverse



**Fig. 30: View Of Transmission Range Selector Lever Cable Terminal & Lever**  
Courtesy of GENERAL MOTORS COMPANY

2. Install the transmission range selector lever cable grommet (5) to the cowl panel.
3. Install the transmission range selector lever cable (1) to the cable bracket (2).
4. Connect the transmission range selector lever cable terminal (3) to the transmission manual shift lever (4).



**Fig. 31: Identifying Transmission Range Selector Lever Cable Terminal And Retainer**  
Courtesy of GENERAL MOTORS COMPANY

5. Install the transmission range selector lever cable to the transmission control lever base. Insure the cable retainer (2) is fully secured to the transmission control lever base.
6. Connect the transmission range selector lever cable terminal (1) to the shift lever pin.
7. Install the floor console left extension panel. Refer to **Front Floor Console Extension Panel Replacement - Left Side (Acadia)** , **Front Floor Console Extension Panel Replacement - Left Side (Enclave)** and **Front Floor Console Extension Panel Replacement - Left Side (Traverse)** .
8. Adjust the automatic transmission range selector lever cable. Refer to **Range Selector Lever Cable Adjustment**.
9. Release the parking brake.

## **RANGE SELECTOR LEVER CABLE ADJUSTMENT**

1. Set the park brake and chock the wheels.

**WARNING:** The automatic transaxle range selector cable is made out of two cable sections. After initial connection never separate the two metal couplings from one another. Integrity of the connection of the two

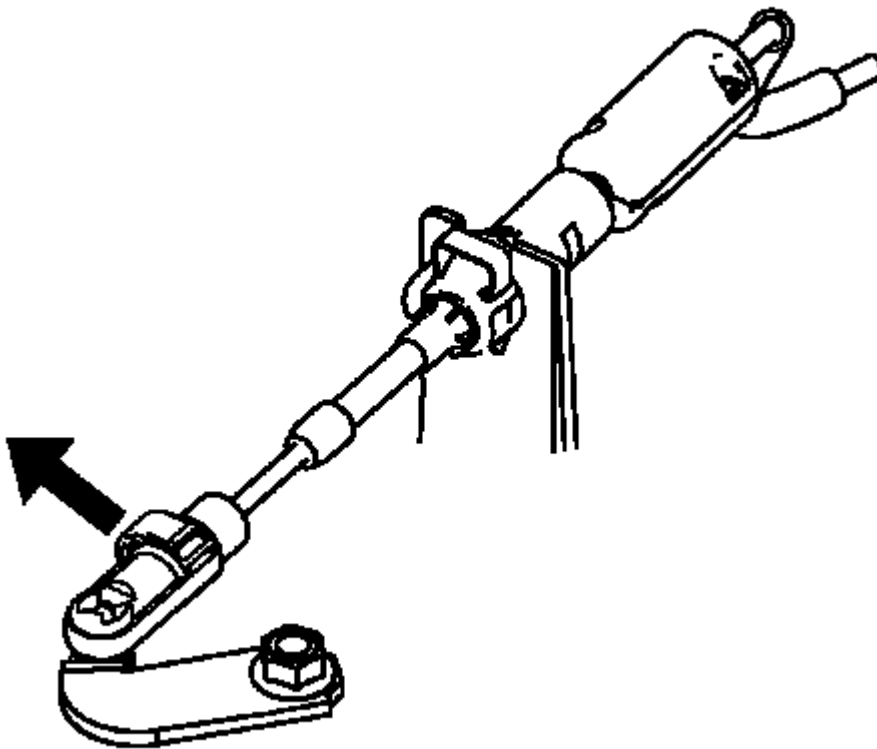
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metal couplings will be lost if separation of the two metal couplings occurs. When servicing the transaxle remove the cable at the automatic transaxle range selector lever and at the automatic transaxle range selector cable bracket. If either section of the cable needs to be replaced, replace both of the cable sections. Loss of connection integrity of the two metal couplings can cause loss of transaxle shift control which could result in personal injury.

**NOTE:** Adjust the automatic transmission range selector cable while the transmission and the gear selector are in the Park position only. Failure to do so may cause mis-adjustment.

2. Verify the transmission range select lever is in the park position.
3. Verify the transmission manual shift lever is in the park position.
4. Release the range select cable adjuster clip.



**Fig. 32: Identifying Range Select Cable Adjuster Clip (Release)**  
Courtesy of GENERAL MOTORS COMPANY

5. Slide the two halves of the range select cable together until all free play is removed.