

7-4 DRIVE TRAIN

AUTOMATIC TRANSAXLE

Fluid Pan

REMOVAL & INSTALLATION

Refer to Section 1 for transaxle pan removal and filter service.

Adjustments

SHIFT LINKAGE

AXOD And AXOD-E Transaxle

1. Position the selector lever in the **OD** position against the rearward stop. The shift lever must be held in the rearward position using a constant force of 3 lbs. (1.4 Kg) while the linkage is being adjusted.
2. Loosen the manual lever-to-control cable-retaining nut.
3. Move the transaxle manual lever to the **OD** position, second detent from the most rearward position.
4. Tighten the retaining nut to 11–19 ft. lbs. (15–26 Nm).
5. Check the operation of the transaxle in each selector lever position. Make sure the park and neutral start switch are functioning properly.

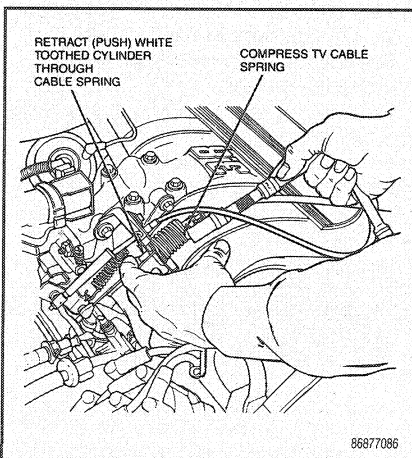
THROTTLE CABLE

➤ Transaxle downshift control is controlled through the throttle position switch on 1991–95 vehicles equipped with the electronic automatic overdrive transaxle.

1988–90 Continental

➤ See Figures 7 and 8

The Throttle Valve (TV) cable normally does not need adjustment. The cable should be adjusted only



86877086

Fig. 7 While the spring is compressed, push the threaded shank toward the spring with the index and middle fingers of the left hand. Do not pull on the cable sheath

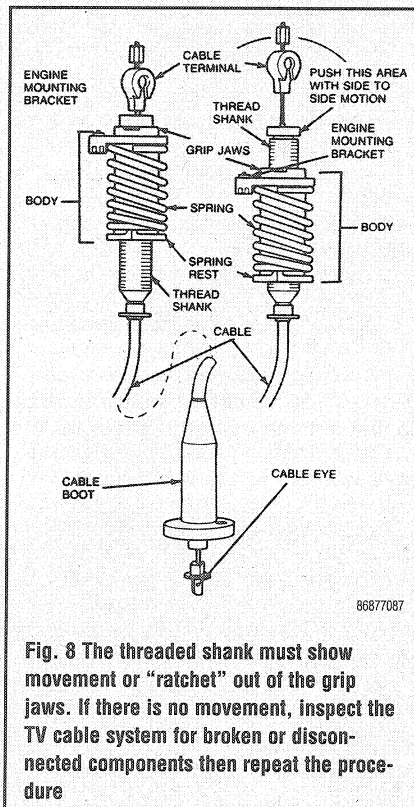


Fig. 8 The threaded shank must show movement or "ratchet" out of the grip jaws. If there is no movement, inspect the TV cable system for broken or disconnected components then repeat the procedure

if one of the following components is removed for service or replacement:

- Main control assembly
- Throttle valve cable
- Throttle valve cable engine mounting bracket
- Throttle control lever link or lever assembly
- Engine throttle body
- Transaxle assembly

1. Connect the TV cable eye to the transaxle throttle control lever link, then attach the cable boot to the chain cover.
2. The TV cable must be unclipped from the right intake manifold clip. To retract the shank, span the crack between the two 180 degree segments of the adjuster spring rest with a suitable tool. Compress the spring by pushing the rod toward the throttle body with the right hand. While the spring is compressed, push the threaded shank toward the spring with the index and middle fingers of the left hand. Do not pull on the cable sheath.
3. Attach the end of the TV cable to the throttle body.
4. Rotate the throttle body primary lever by hand, the lever to which the TV-driving nailhead is attached, to the wide-open-throttle position. The white adjuster shank must be seen to advance. If not, look for cable sheath/foam hang-up on engine/body components. Attach the TV cable into the top position of the right intake manifold clip.

➤ The threaded shank must show movement or "ratchet" out of the grip jaws. If there is no movement, inspect the TV cable system for broken or disconnected components then repeat the procedure.

THROTTLE VALVE CONTROL LINKAGE

AXOD and AXOD-E Transaxles

1. Position the selector lever in the **OVERDRIVE** position against the rearward stop.
2. Loosen the manual lever to control cable-retaining nut. Be sure that the transaxle lever is in the **OVERDRIVE** position. Tighten the retaining nut to 11–19 ft. lbs. (15–26 Nm).
3. Check operation of the transaxle in each range. Be sure that the park switch and neutral safety switch are working properly.

Neutral Safety Switch

REMOVAL & INSTALLATION

➤ See Figures 9 and 10

1. Make sure the shift selector in the **Park** position, then apply the emergency brake.
2. Disconnect the negative battery cable.
3. Disengage the neutral start switch electrical connector, then remove the shift control lever on top of the switch.
4. Remove the two neutral switch-attaching bolts, then remove the switch.

To install:

5. Install the switch on the manual shaft.
6. Loosely install the two attaching bolts and washers.

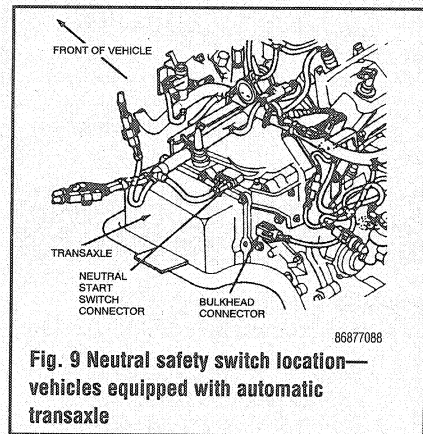


Fig. 9 Neutral safety switch location—vehicles equipped with automatic transaxle

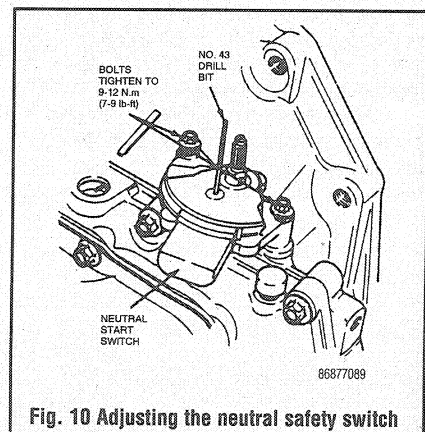


Fig. 10 Adjusting the neutral safety switch