Shift Linkage: Adjustments

Turbo Hydra-Matic 4L80-E & 4L80-EHD

1. Position transmission selector lever in Park and set parking brake.
2. Raise and support vehicle.
3. **On models with tan retaining clip**, remove clip and discard.
4. **On models with brown retaining clip**, remove clip from shift cable end.
5. **On models with black retaining clip**, slide clip forward on cable end.
6. Push white lock button on shift cable end out far enough to free metal core adjust body inside cable end. **Do not push white lock button completely out.**
7. Remove cable end from shift lever, then inspect cable end for any dirt or debris. Clean cable end as necessary. **If after cleaning, travel in metal core adjust body remains restricted, shift cable must be replaced.**
8. Ensure transmission lever is in Park by rotating the control lever clockwise until it reaches its stop.
9. Install cable end onto shift lever ball stud.
10. Lower vehicle and turn ignition switch on.
11. Move transmission selector lever from Park to No. 1 indicator and back to Park ten times, then place shifter lever in Park.
12. Turn ignition switch off, then raise and support vehicle.
13. Push white lock button on cable end in to hold shift linkage.
14. **On models less retaining clip or with brown retaining clip**, install brown retaining clip part No. 15726588 or equivalent over white lock button on cable end. If there is an adhesive substance present on cable end, remove enough adhesive to install clip.
15. **On models with black retaining clip**, slide retaining clip over white lock button.
16. Lower vehicle and check shift linkage operation as follows:
   a. Turn ignition switch to the On position.
   b. Ensure all shift light positions on the shift column can be engaged and light comes on under each position.
   c. Ensure ignition key can only removed with key in Lock position.
   d. If shifter does not operate as specified, repeat adjustment procedure.