

Installation Instructions

TRA-643-746

****Note: Read over carefully before starting installation****

This Kit is designed to allow the use of a Ford factory OEM shifter with and AOD transmission. The lever and shaft assembly must be replaced in order to ensure correct spacing and ratio with the shifter. The most difficult part of this operation is changing the manual lever in the transmission.

These instructions are as follows:

1. Drain fluid and remove transmission pan.
2. Remove outer throttle lever nut and arm.
3. Remove manual lever shaft retaining pin. Diagonal or side cutter pliers are good for this. BE GENTLE (figure 5).
4. Follow the directions in figure 4.
5. Do not remove the inner throttle shaft.
6. Install the new lever provided. Make sure the lever is pointing "UP" in the vehicle.
7. Make sure the throttle lever is contacting the throttle valve. Also, make sure the throttle valve spring is clipped against the valve body plate.
8. Make sure the manual valve in the valve body is engaged properly on the inner lever (see photo provided).
9. Tighten inner nut and double check linkage operation.
10. Reinstall outer lever and check for proper operation. This lever should spring back.
11. Replace line pressure tap plug with hex provided. **DO NOT** use thread sealer.

Outer Linkage

1. Attach extended (black) lever to manual lever (as pictured >)
2. Attach linkage as shown.
3. Place transmission shifter in Park. Place transmission lever in Park and check by rotating drive shaft.
4. Cut if necessary the threaded end of the rod. Make sure you do not cut it too short. Leave the nut on the threads to ease the installation of the linkage ends.
5. Tighten linkage into shifter. Do not over tighten.
6. Recheck you linkage adjustment again.
7. Reinstall pan and add fluid accordingly.



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