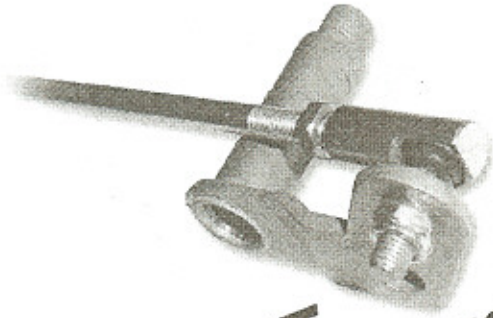

performance  automatic
instructions

PASS53104 - AOD Shift Linkage Kit



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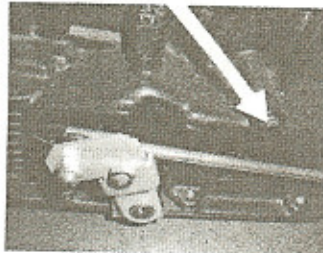
Installation Instructions

This kit is designed to allow the use of a Ford factory OEM shifter with an 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 (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 plug provided. **Do not use** thread sealer.

Outer Linkage

1. Attach extended (gold) lever to manual lever (as pictured >).
2. Attach linkage as shown with short end of threaded rod to the transmission end.
3. Place transmission shifter in Park. Place transmission lever in Park and check by rotating drive shaft.
4. Cut if necessary the long 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 in to shifter. Do not over tighten.
6. Recheck your linkage adjustment again.
7. Reinstall pan and add fluid accordingly.

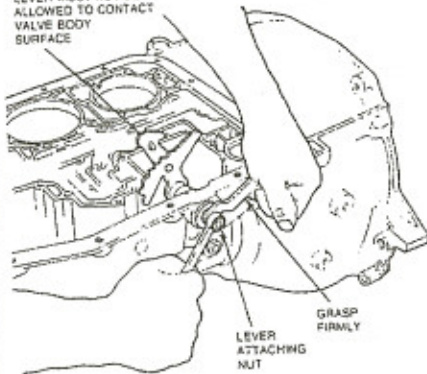


Disassembly

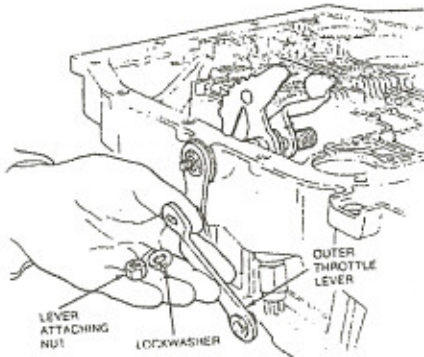
1. Grasp the outer throttle lever firmly and loosen the lever attaching nut.

NOTE: The outer throttle lever must be held in the position shown to prevent the inner throttle lever from rotating against the machined valve body surface. Failure to observe this precaution could result in damage to the valve body surface.

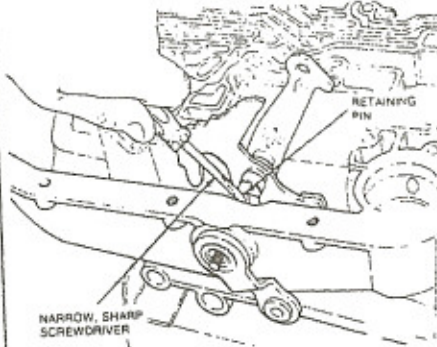
LEVER MUST NOT BE ALLOWED TO CONTACT VALVE BODY SURFACE



Remove the attaching nut, the lockwasher, and throttle lever.



3. Using a narrow, sharp screwdriver, carefully remove the manual shaft retaining pin from the case.



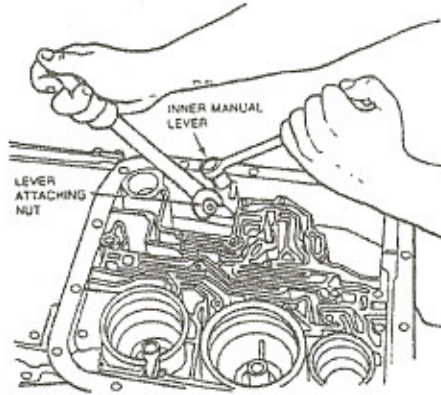
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4. Slide a 5/8-inch box end wrench over the inner manual lever, close to the bottom of the lever. Do not allow the wrench to contact the "rooster comb" area. Using a 21 mm wrench, remove the manual lever attaching nut while securely holding the inner manual lever.



Thread the nut off the shaft and remove the lever.

