

AOD Throttle Valve Cable Kit

Congratulations on your purchase of a new AOD transmission throttle valve cable kit. This kit is designed to fit 1987-1993 Ford vehicles with the AOD transmission (Read all instructions before starting!)

This replacement cable does not resemble the original Ford factory cable. The new cable is constructed around a specially designed green outer housing and Teflon liner. The inner cable is built to military specifications for long life and negligible stretch. You'll see this cable will actually be easier to install and adjust compared to the original equipment style cable.

List of Parts

1- Cable	5- Quick Disconnect	9- Cable End Adjuster
2- Cable Retaining Bracket	6- Small Flat Washer	
3- Cable Washers (2)	7- 10/32 Nut	
4- Cable Spring	8- Throttle Lever Bushing	

Removing the old cable from the engine

- 1- Remove the air intake hose to gain access to the throttle body.
- 2- Remove the cable end from the throttle body by prying down, or removing the retaining clip.
(Depending on application)
- 3- Remove grommet from throttle lever.
- 4- Twist outer cable housing to remove it from engine bracket.

Removing the old cable from the transmission

- 1- Support vehicle on lift or jack stands.
- 2- On the driver's side of the transmission, pry/pop off the cable end at the transmission lever. This is not to be confused with the lower cable coming from the shifter and attached to the lower transmission lever.
- 3- Remove the cable retaining bolt and cable bracket from the transmission.
- 4- The OEM cable is attached to one of the upper transmission bell housing bolts. Remove the bolt and cable and reinstall just the bolt back through the bell housing. The old cable may now be removed from the car.

Preparing the cable for installation

- 1- Place the cable retaining bracket (#2) onto the cable next to the black rubber boot. Insert all the way. Pinch together the open ends of the bracket either in a vise or you can use a pair of vise grip pliers so that the cable is securely retained in the bracket.

Installing the cable in the car

- 1- Attach the cable to the transmission bracket using the same self-tapping screw that was used on the OEM cable.
- 2- Feed the cable up over the bell housing in the direction of the throttle assembly. You may want to check at this time that the cable is not hung up and can be routed through the engine bracket just like the OEM cable.
- 3- With the transmission cable still not attached to the transmission you can now finish the assembly of the transmission end of the cable.
- 4- Install cable spring (#4) so that it rests against the cable bracket
- 5- Install the 10/32 nut onto cable end to stop (#7).
- 6- Install small flat washer (#6).
- 7- Install quick disconnect (#5) onto cable until it stops.
- 8- Secure 10/32 nut against the washer and quick disconnect centering the washer on the cable.
- 9- The cable assembly can now be reinstalled back onto the transmission and the quick disconnect can be attached to the transmission lever. Make sure the lever is against its stop.
- 10- You are finished down below.

Final Installation

- 1- Remove one of the 11/16 nuts from the cable housing and install one of the large (#3) washers onto the cable housing. Route the cable and cable housing through the same hole as the original cable.
- 2- Install second (#3) washer and nut and tighten on to cable bracket.
- 3- Place (#8) throttle lever bushing onto throttle lever with the wider end on the topside of the lever. Place a little grease on and in it at this time.
- 4- Slide the (#9) cable adjuster onto the cable.
- 5- Align (#9) cable adjuster with the (#8) bushing in the throttle lever and install (#9) cable adjuster into the bushing and retain with cotter pin supplied. Do not push or pull on the inner cable. Lightly tighten Allen set screw at this time. You may need to loosen to readjust the throttle pressure.

Adjustment

- 1- Install a pressure gauge into the TV pressure port located on the passenger side of the transmission. It is labeled TV
- 2- Check TV pressure with engine running and transmission in the Park position. The TV pressure should be between 1-7 PSI.
- 3- Adjustments can be made by loosening the set screw that locks the cable in place. Pull the cable (shorten) to raise the TV or push the cable (lengthen) to lower the pressure.
- 4- Next using either the Ford TV adjustment tool or a 5/16 drill pull the TV cable and insert the tool between the cable stop and the adjuster screw. This will simulate light throttle. The engines actual idle should not change while doing this. With the TV tool or drill bit inserted check the TV pressure. It should be reading between 24-30 PSI.
- 5- Slightly later shifts can be accomplished by loosening the set screw and advancing the inner cable 1/8 inch at a time.
- 6- Re-check all your work.

