

# TURBO ACTION

1535 Owens Road, Jacksonville, FL 32218 (904)741-4850  
FAX (904)741-4853

## CHEETAH STREET MANUAL/AUTOMATIC VALVE BODY

Ford C4 1964-69 Ford & Mercury

Part #34185

**CAUTION:** (Includes #34012 Filter which does not work with a 4 X 4 Transmission)

### Installation Instructions

- STEP #1:** Let transmission cool before trying to install valve body. Place transmission shifter into park position. If vehicle is on ground, secure so it will not roll.
- STEP #2:** Remove transmission oil pan, by removing all bolts but two on one end. This way, you can drain oil off slowly.
- STEP #3:** Before removing valve body, take note how the small passing gear linkage on the outside of the case, driver's side, moves back and forth. Note how it springs back smoothly, no bind.
- STEP #4:** Take 7/16" socket and remove the eight bolts which hold valve body in place. Carefully lower valve body.
- STEP #5:** **If transmission is a 4 X 4 type, you will need to change filter.**
- STEP #6:** Before installing valve body, note the levers in the transmission that engage the Manual Control Valve and the passing gear valve. They must line up with the valve body properly.
- STEP #7:** Lift new valve body into transmission, carefully aligning the Manual Control Valve with the shift lever. At the same time, wiggle the passing gear linkage on the outside of the transmission case until it feels like mentioned in step #3.
- STEP #8:** Start all bolts (Note long one goes through filter). Tighten all bolts down being sure that the shift lever and passing gear linkage are working properly. Bolts should be tightened to 8-10 ft/lbs.
- STEP #9:** Clean pan and install new Pan Gasket #34130C. Replace pan on transmission and tighten all bolts securely.
- STEP #10:** Adjust intermediate band located on driver's side near shift lever. Take a 3/4" box wrench and break locknut loose. Now holding locknut from turning, take a small 3/8" open end wrench and turn square adjustment lug clockwise until wrench feels snug (10 in/lbs). Carefully back off (CCW) one (1) full turn only. Holding the adjustment lug, tighten lock nut to 35 ft/lbs (tight).
- STEP #11:** Add three (3) quarts of a well-known brand of Type "F" or Mercon Ford transmission fluid.

- STEP #12:** Start motor and add transmission fluid until dip stick reads approx. 1 pint low or the add mark.
- STEP #13:** Take vehicle out and drive normally around the block. Now re-check transmission oil level. Add oil if necessary, but **DO NOT OVERFILL!**
- STEP #14:** If your car is a 1964-66 Ford product, this valve body will function different. See below:

<u>1964-66</u>		<u>This Valve Body</u>	
	P		P
	R		R
	N		N
	0 2-3	Normal-----	D 1-2-3
Normal-----	⊙ 1-2-3		2 2
	L 1		1 1

NOTE: C4 Ford transmissions use a vacuum modulator to control shift points. This vacuum modulator must be good in order for this valve body to function properly. Turbo Action #34115 Adjustable Modulator is available.