

TURBO ACTION

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CHEETAH STREET MANUAL/AUTOMATIC VALVE BODY **Part #34186A-1**

Ford C4 1970-78 Ford & Mercury
(Except, 1970 Mavericks & Falcons)

CAUTION: (Includes #34013 Filter which does not work with a 4 X 4 Transmission)

Installation Instructions

- STEP #1:** Transmission should be cool before installing valve body. If vehicle is on the ground, secure so it will not roll. Drain transmission oil by carefully removing pan bolts. Recommend leaving a couple of bolts partially attached until some of the oil has drained off.
- STEP #2:** 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 #3:** Take 7/16" socket and remove the eight bolts which hold the valve body in place. Carefully lower the valve body. (Some valve bodies have nine bolts).
- STEP #4:** The valve body is a very intricate part of the transmission and, therefore, requires a clean place to be worked on. Also, you must take your time and you will have no problems installing the Street Manual/Automatic Valve Body.
- CAUTION**
- STEP #5:** **If transmission is a 4 X 4 type, you will need to change filter.**
- CAUTION**
- STEP #6:** **If your valve body was retained by eight bolts, follow steps in Figure #2.**
- STEP #7:** Before installing new valve body, note the levers in the transmission which engage the Manual Control Valve and the passing gear valve. They must line up with the valve body properly. Do not install Detent Bracket at this time.
- STEP #8:** Lift the 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 transmission case until it feels like mentioned in STEP #2.
- STEP #9:** 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. Also, place Detent Bracket into place at this time (Figure #1).
- STEP #10:** Clean pan and install new Pan Gasket #34130C. Replace pan on transmission and tighten all bolts securely.

- STEP #11:** 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 #12:** Add three (3) quarts of a well-known brand of Type "F" OR Mercon Ford transmission fluid.
- STEP #13:** Start motor and add transmission fluid until dip stick reads approx. 1 pint low or the add mark.
- STEP #14:** Take vehicle out and drive normally around the block. Now re-check transmission oil level. Add oil if necessary, but **DO NOT OVERFILL!**

Figure #1

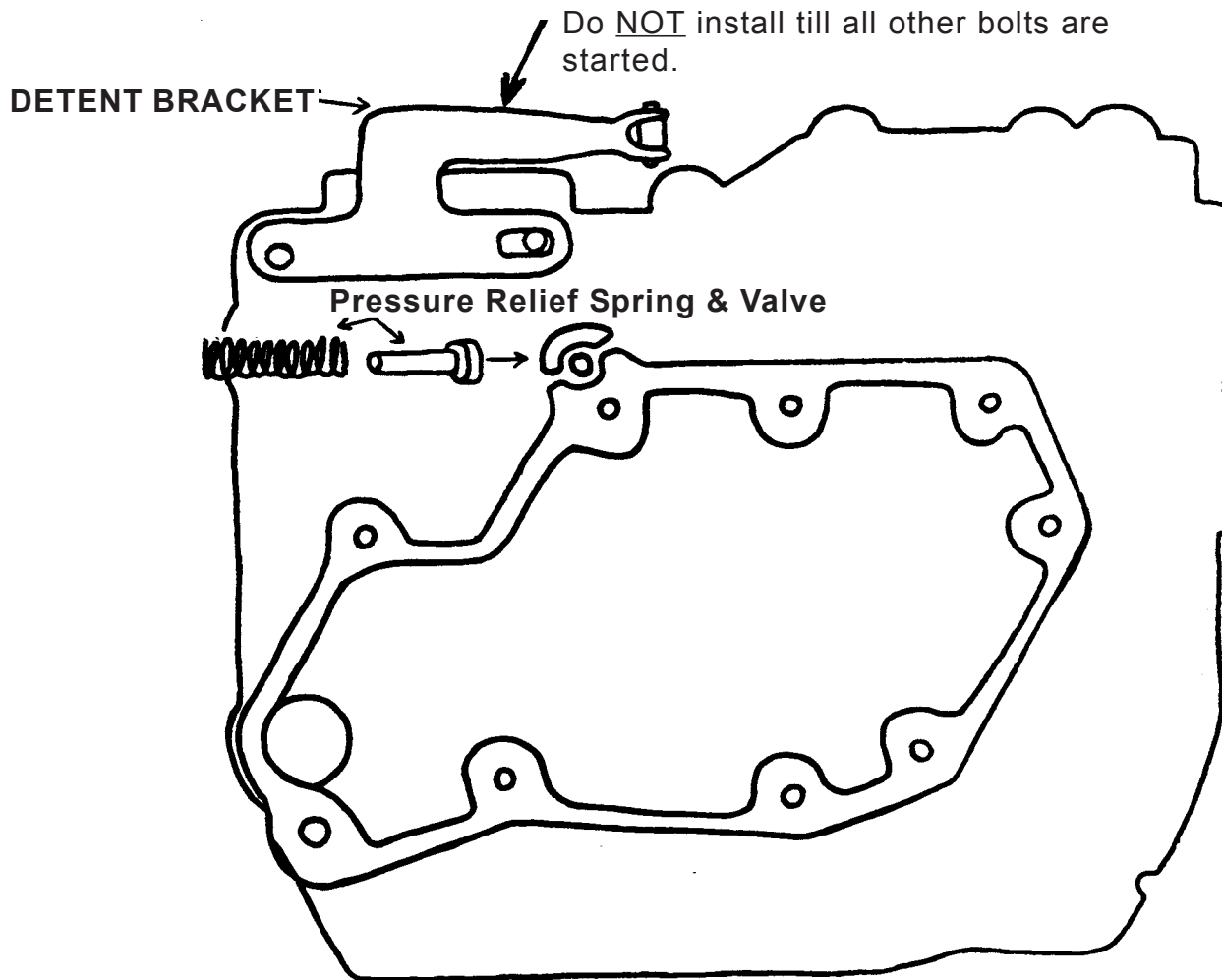


Figure #2

CAUTION!!

If your old transmission valve body has eight 1/4 - 20 bolts holding it into the case, you must install the bolt which was included with this kit (see picture below). This bolt will interfere with your transmission case on units with nine bolts, so be sure before tightening your valve body into the case!

