

INSTALLATION METHOD FOR FORD C4 FULL MANUAL REVERSE VALVE BODY

PCE634.1004 Series



NOTE: Read instructions completely before attempting installation. This valve body should be installed by a qualified transmission technician. If you are unfamiliar with any of the operations or terms found in these instructions, you should take the transmission to a qualified race transmission shop. Improper installation may result in property damage or personal injury.

CAUTION: Before any further actions take place, make sure transmission has had enough time to cool down. Hot transmission fluid can result in burns.

REMOVAL PROCCESS

1. Drain the transmission fluid by removing the oil pan drain plug.
2. Remove the oil pan by removing the oil pan bolts.

NOTE: If the dipstick is attached to the pan, the dipstick removal will allow oil to drain out.

3. Remove the eight (8) valve body bolts and remove the valve body.

INSTALLATION PROCCESS

1. Install the transbrake valve body into the transmission.

NOTE: You must engage the selector lever into manual valve. The transmission will now become fully manual and kick-down lever is now unused.

2. Evenly tighten the valve body finger tight. Make sure shifter linkage can operate freely. Then tighten valve body bolts to 70-80 in. lbs.
3. Remove excess gasket material from pan mounting area of the case and from the pan itself.
4. Tighten the pan bolts to 10-14 ft. lbs.

ADJUSTMENT PROCCESS

NOTE: The shifter adjustment must be checked.

DANGER: Do not skip this process.

CAUTION: Shifter must not be allowed to pull transmission shift linkage past the detent for the HIGH gear (3rd gear). Shift arm on transmission must not travel past the last full detent.

TRANSMISSION FLUID

1. Add three quarts of DEXRON or Type-F transmission fluid.
2. Start the engine and put the vehicle in neutral.
3. Check the fluid level and add fluid until it is at the "ADD" mark found on the dipstick.
4. Shift through all the gear positions five (5) times.

NOTE: Test transbrake at this moment.

5. Check fluid level again and fill to "FULL"

CAUTION: Transbrake must not be engaged while the vehicle is in motion.