

INSTALLATION INSTRUCTIONS FOR TH350 MANUAL VALVEBODY KIT W/ ENGINE BRAKING (FORWARD PATTERN-PRN321)
PART #32012

If necessary, refer to a transmission manual for detailed instruction on disassembly and reassembly.

Remove direct drum from transmission, disassemble to remove piston. Remove and discard lip seal from drum. (The inner & outer lip seals must stay on the piston.)

*This Step is not required, but will help provide a more responsive 2-3 shift.

Remove and discard kick down cable, Tap Hole 1/4" NPT. Install 1/4" NPT plug provided. (Figure 1). (Location "D")

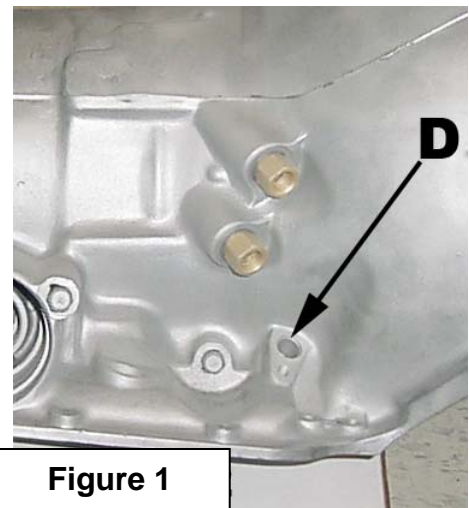


Figure 1

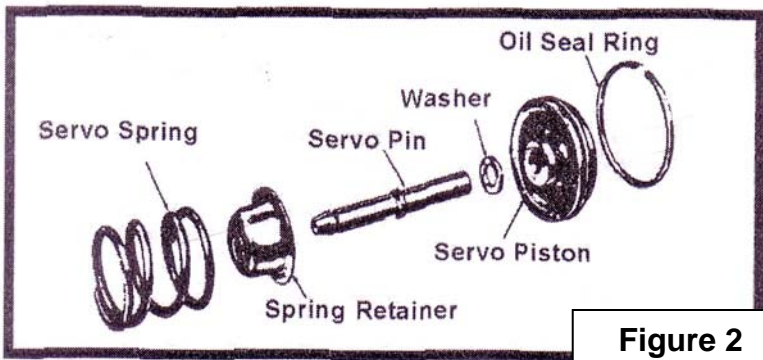


Figure 2

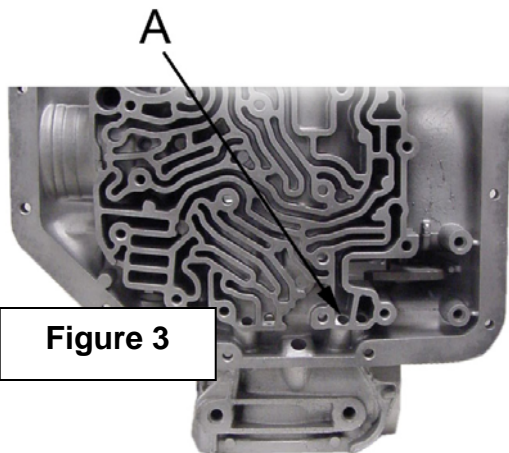


Figure 3

Reassemble the transmission up to the valve body. Install intermediate servo assembly (Figure 2).

Install Expansion plug in hole "A". Hole must be drilled to 19/64 if not already. (Figure 3).

Discard all check balls.

Using your existing manual valve, install the new valve body; use the new separator plate and gaskets, install 2-3 performance plate under stock separator plate support. Remove and discard modulator and replace with plug and O 'ring supplied. Make sure modulator valve is in place and the plug jams it in all the way.

Governor may be removed.

This kit utilizes the second gear accumulator, the piston with rings and spring must be installed.

Caution: Do not neutral or downshift transmission during shutdown, leave in high gear only.

350 MANUAL VALVE BODY COMPONENTS:

1. Valve Body/Machined
2. Valve Body Plate #32081A
3. Modulator Plug & O' Ring
4. Upper & Lower Gaskets
5. 2-3 Performance Plate
6. ¼" NPT Plug
7. Expansion Plug

FOR TECHNICAL QUESTIONS, PLEASE FEEL FREE TO CALL (765) 456-3957

