

INSTALLATION INSTRUCTIONS FOR FORD C-6 TRANSMISSION
BRAKE KIT, REVERSED PATTERN PRN123 (#62021)

This Trans Brake is for a push in modulator case.

List of Enclosed Parts:

- (1) Valve Body Assembly
- (1) Brake valve and spring
- (1) Solenoid and pin
- (1) 1/8" Allen head pipe plug

1. An OEM aluminum servo piston must be used with the smaller diameter o'ring removed. Grind a flat through the smaller diameter o'ring land. See figure 1. If using a billet servo piston no modifications are necessary.

2. Tap the servo drain back hole in the case and install a 1/8" allen head pipe plug. See figure 2.

3. MUST use a Ford C-6 E or F type apply lever or an aftermarket Hi-ratio billet lever. Use of band apply levers of less ratio may result in premature band failure.

4. Install reverse apply piston with its check ball towards top of transmission case. Use only flat steel plates and friction clutches and set reverse clutch pack clearance at .060 to .080.

5. Use five friction clutches in the direct (high) clutch pack. Use only flat steel plates and friction clutches. Set clutch pack clearance at .060/.080.

6. Set band adjustment at one turn. A loser setting may result in 2-3 shift flare.

7. Install Trans brake valve, its spring and the solenoid in place of the stock modulator valve and modulator.

8. Install Trans brake valve body in place of stock valve body.

9. Install the fluid filter that matches the depth of pan used. DO NOT use early (66 to 74) shallow pan.

10. Use 12-gauge wire to connect the Trans brake button to 12-Volt power source and solenoid.

11. This Trans brake valve body has a reversed shift pattern (PRN123) and must be used with a shifter built for a reversed shift pattern V.B. Reverse is engaged by shifting into reverse and pressing the Trans brake button. The transbrake will apply only in low gear.

FIG. 1

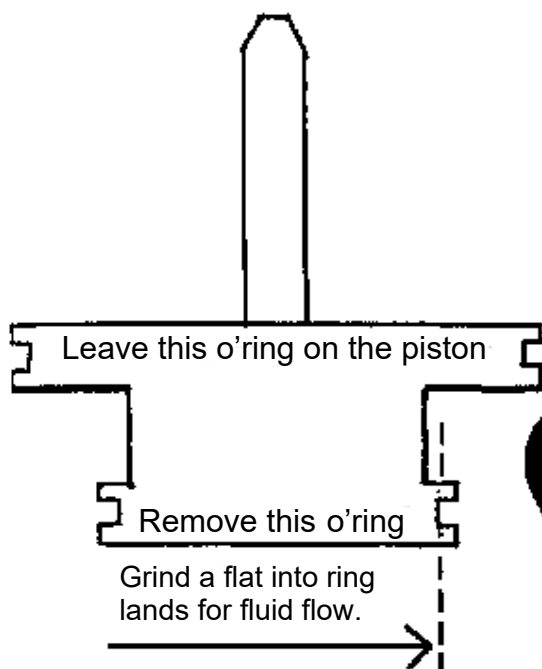
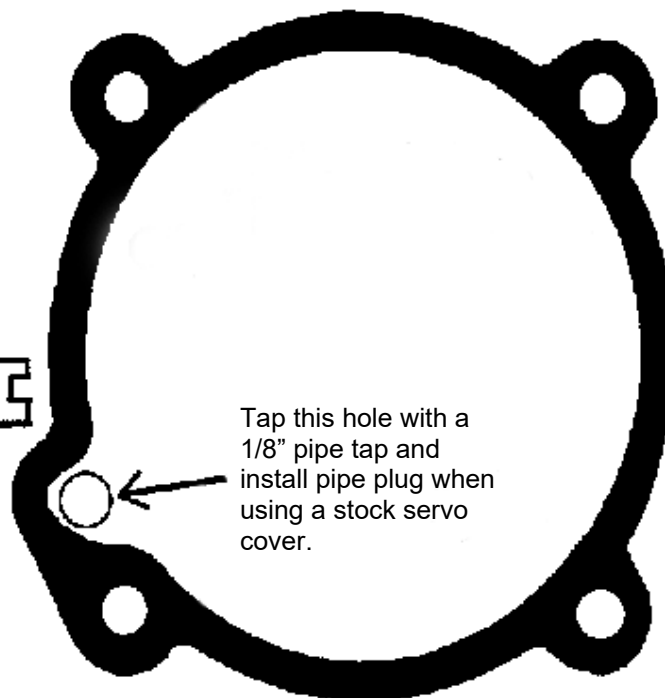


FIG. 2



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