



performance
instructions automatic

**PA26301 AND PA26302
C4 STREET STRIP VALVE BODY**

**PA26303 AND PA26304
C4 REVERSE MANUAL VALVE BODY**

**PA26306
C4 TRANSBRAKE VALVE BODY**

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 your transmission to a qualified race transmission shop. Improper installation may result in property damage or personal injury.

**PA26306
C4 TRANSBRAKE VALVE BODY**

**PA26301 AND PA 26302
C4 STREET/STRIP VALVE BODY
FOLLOW STEPS 1-6**

NOTE: Performance Automatic is now supplying a new case connector. This new connector is installed where the vacuum modulator valve, pin, and modulator valve are located. Remove these three items from the transmission case. They are located on the passengers side. Feed the short jumper wire from inside the case to the area where the modulator valve was and connect it to the terminal. Crimp and install onto black connector using a high quality, high temperature silicon sealer (red or black). Place a bead of silicon around the connector and push it into the modulator valve hole. Feed the excess wire back through the slot in the case and proceed with the transbrake installation.

1. Drain transmission by removing the black oil pan bolts and work towards the front slowly (if dipstick is attached to the pan, dipstick removal will allow most oil to drain).
2. Remove the eight valve body attaching bolts and remove valve body by pulling straight down.
3. Install transbrake valve body into transmission carefully. You must engage selector lever into manual valve. Note that transmission will now become fully manual and kickdown lever is now unused.
4. Tighten valve body finger tight, remembering that the longer bolts attach the filter to the valve body. Check for free operation of shifter linkage and if acceptable tighten valve body bolts to 80-120 in. lbs.
5. Remove excess gasket material from pan mounting area of the case as well as from the pan itself.

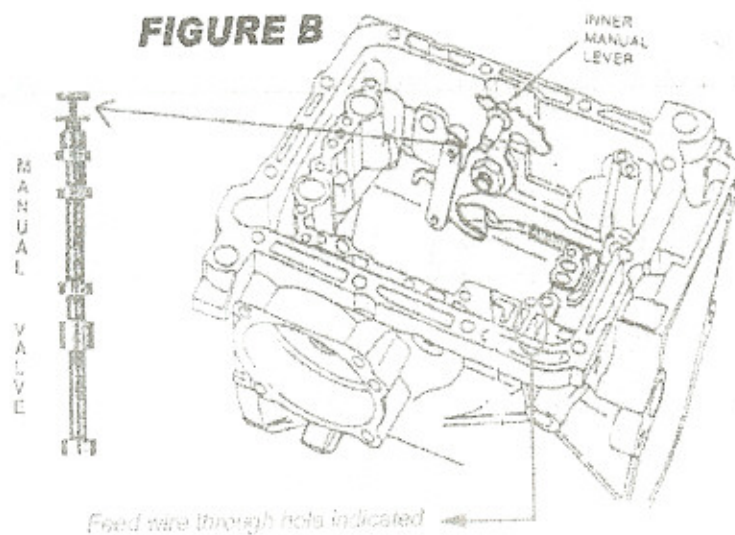
6. Tighten pan bolts to 12-16 ft. lbs.

7. Now the shifter adjustment must be checked. **DO NOT SKIP THIS STEP!** SHIFTER MUST NOT BE ALLOWED TO PULL TRANSMISSION SHIFT LINKAGE PAST THE DETENT FOR (3rd) HIGH GEAR. THIS CRITICAL AND MUST BE CAREFULLY ADJUSTED. SHIFT ARM ON TRANSMISSION MUST NOT TRAVEL PAST THE LAST FULL DETENT. IF YOU HAVE A QUESTION FEEL FREE TO CALL FOR ASSISTANCE.

8. With the rear wheels off the ground, add three quarts DEXRON or Type-F transmission oil into the transmission filler tube. Start the engine and put the shifter in neutral. Check the fluid level and add fluid until it is at the "add" mark found on the dipstick. Shift the transmission through all gear positions 5 times. With the rear wheels stopped, test transbrake with wheels in the air.

9. Lower car to the ground and run through the gears about five or six times. Check the fluid level again and bring to the "full" line.

*Remember the transbrake must not be engaged while the vehicle is in motion!



PA26303 AND PA26304 C4 REVERSE MANUAL VALVE BODY

**READ THESE NOTES FIRST THEN FOLLOW 1-6
ON PREVIOUS PAGE**

The reverse manual valve body is a direct bolt in replacement for 1970 to 1984 C4 model transmissions. The shift pattern will now be PRN123. Particular attention must be paid to several items upon installation.

1. Valve body torque must not exceed 10 ft. lbs.
2. Some C4 transmissions, mostly 1970-1971 model cases, may require one (1) less bolt. It is very important that the reverse manual valve body have a bolt in this position. See figure A. If your case does not have the provision for this bolt, a $\frac{1}{4}$ " 20 bolt and nut must be installed through the valve body prior to installation. This hardware can be purchased at any parts store. This valve body will not function properly without a bolt or bolt and nut in this position.
3. Locating the inner manual lever with the manual shift valve is important. Make sure the linkage is aligned with the first slot in the manual valve. See figure B (on previous page).
4. A first to second shift may not be felt with the wheels off the ground. Applying a slight load with the foot brake may confirm a shift.

After the valve body is installed and torqued to specs, install the trans pan and add 3 quarts of automatic transmission fluid. Continue to check the level until slightly below the "full" mark. After the vehicle is driven and transmission has reached operating temperature check the level again. Do not overfill!

Suggested products to compliment this installation:
PA26304 Deep Aluminum Pan
PA26411 Pro Shift Servo

