



# Installation Instructions

6747 Whitestone Rd • Baltimore, MD 21207 • (410) 298-4343 • FAX: (410) 298-3579  
www.atiperformanceproducts.com

## C-4 COMPU-FLOW VALVE BODY

For 1970 and up with "rooster comb" detents on the case linkage  
Part #643110 L

### PACKING LIST

- |   |   |
|---|---|
| <input type="checkbox"/> Compu-Flow Manual Valve Body | <input type="checkbox"/> ATI Compu-Flow Valve Body Decals (2) |
|   | <input type="checkbox"/> Instruction Sheet                    |

Packed by: \_\_\_\_\_

### VALVE BODY INSTALLATION:

1. Remove the oil pan slowly and allow the fluid to drain.
2. Remove the valve body attaching bolts. Note the location of the shift and kickdown levers. Then remove and discard the stock valve body.
4. Remove the triangle shaped gold hold down plate from the ATI valve body. If you are not sure which year transmission you have, you can attempt to place the valve body flush against the case mating surface. If the small hold downplate prevents the valve body from mating flush with the case, simply remove and discard the hold down plate and the bolt.
4. Install the ATI manual valve body, engaging the shift selector lever in the manual valve body and the kickdown lever on the kickdown rod. Tighten the remaining bolts to 45 in. lbs. or 4 ft. lbs maximum.
5. Always check shifter adjustment in the vehicle. Never adjust the linkage or cable in "PARK" position. Always start adjustment / alignment with the shifter and transmission in high gear. After setting cable or linkage in high gear, make sure that your linkage or cable aligns perfectly with the transmission lever in all other gear positions. Proper shifter adjustment is vital and critical to the proper operation of the transmission.
6. Clean the oil pan and install with the new gasket.
7. Start the engine and fill the transmission to the required level with suitable transmission fluid. Shift the transmission through all gears and recheck the fluid level.
8. Never try to neutral the transmission during a shutdown. Keep the transmission in high gear while slowing the car.



**Do not operate without proper shift adjustment.**