

T350 STREET/STRIP VALVE BODY

Part #353100

PACKING LIST

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| <input type="checkbox"/> (1) Compu-Flow Valve Body | <input type="checkbox"/> (1) #353251 Gasket |
| <input type="checkbox"/> (1) #353110 Separator Plate | <input type="checkbox"/> (1) #353240 Support Plate, ATI Modified |
| <input type="checkbox"/> (1) #353250 Gasket | <input type="checkbox"/> Instruction Sheet |

Packed By _____



This valve body is not a cure for a worn out or broken transmission. It is advisable to start with a fresh or known good unit. Please read all instructions, start to finish, before attempting installation. If you are not comfortable working with automatic transmissions, refer to an experienced trans builder.

This valve body can be installed with the transmission remaining in the vehicle. Some applications may require lowering the rear of the transmission for access to the governor. Note! Automatic transmissions operate at temperatures that exceed 180° F. Allow cool down time to avoid burns. Be prepared for fluid to drip from wherever possible.

TRANSMISSION PREP

Raise and properly support the vehicle. Drain the fluid by removing the pan. Remove the filter. Remove the valve body (make note of the linkage hook up.) Remove the support plate. Remove the separator plate and gaskets. There are 4 check balls in the transmission. These should fall out or be on top of the separator plate as it is removed. **Save the check balls; 2 will be reused.**

VALVE BODY INSTALLATION

Install 2 check balls into the case locations identified in the photo. This can be done working overhead by cleaning the check ball area and using a small glob of Vaseline to hold them in place. Stack up the gaskets and separator plate. Line up the bolt holes and install the ATI support plate to hold the plate, gaskets and check balls in place (do not tighten the bolts at this time). Remove the manual valve from the OEM valve body and install it in the ATI valve body. Line up the linkage and re-use the "S" link. Install the valve body. Do not tighten any bolts until they have all been started. Snug all bolts. Tighten all bolts to 130 in/lb in a sequence starting in the center and working out. Be sure to tighten the support plate. Install the filter and trans pan. Fill with Dexron ATF. Do not overfill! Check for proper shifter adjustment.



Check ball locations

DETENT CABLE

The detent cable must be installed for proper function of this valve body. The cable is properly adjusted when full throttle coincides with maximum cable position.

Other available options:

ATI #403390 Adjustable Modulator

ATI #353500 Aluminum Deep Pan

ATI #356490 Locking Dipstick and Tube, Chevy (also available in Chrome)

ATI #356490 Locking Dipstick and Tube, B-P-O (also available in Chrome)