



Installation Instructions

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T400 COMPU FLOW™ BILLET ALUMINUM REVERSE PATTERN VALVE BODY

Part # 403062CN

P-R/N-1-2-3-N CLEAN NEUTRAL WITH LOW GEAR BAND APPLY

NOTES: Different shifter is required due to new shift pattern

Safety Reverse: Must power solenoid for reverse.

Engaging low gear while moving WILL damage transmission!

PACKING LIST

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <input type="checkbox"/> (1) Billet aluminum Valve Body Assy.
Includes: • Separator Plate
• (2) Valve Body Gaskets #403222
• Manual Valve
• 1/2" Nylon Ball | <input type="checkbox"/> (1) #202403 Solenoid Wiring |
| <input type="checkbox"/> (1) #407010 Modulator Plug | <input type="checkbox"/> (1) #407652 New Reverse Servo Spring |
| <input type="checkbox"/> (1) #940330 Electrical Connector | <input type="checkbox"/> (9) #951248 5/16-18 x 1" Counterbore Screws |
| <input type="checkbox"/> (1) #202402 Solenoid Valve | <input type="checkbox"/> (4) #951441 1/4-20 x 1 1/4" Counterbore Screws |
| | <input type="checkbox"/> (1) #919142 Safety Notice |
| | <input type="checkbox"/> (2) Compu Flow Decals |
| | <input type="checkbox"/> (1) #403062CN-I Instruction Sheet |

NOTE: THIS IS NOT A TRANSBRAKE!



ATI can assume no responsibility for workmanship or driving procedures that are out of our control. Read all instructions carefully. Failure to comply may cause extreme damage, possible explosion of the transmission and/or injury or death to the driver!

For your protection, always use a transmission shield, blanket or SFI case!

**** DO NOT SHUT OFF THE ENGINE WHILE IN THE TRAPS! ****



Note: For units running more than 250 psi, you **MUST** have a minimum of 14 volts at the starting line with all necessary accessories operating.

All modifications are essential. Follow as shown!

STEP 1 - Safety Reverse Electrical Connection

This connection is activated by applying 12 (or 16) volts into the spade connector where the kick-down lever used to be in the OEM case. An SFI case will require #940340 Pass Thru Connector. Use minimum 16 gauge wire and a 20 amp fuse. Solenoid pulls about 6 to 8 Amps.

STEP 2 - Use a Stock 400 Modulator valve

Inspect the valve. It cannot be modified or ground in any way!

Case Preparation:

This valve body requires no case modifications from OEM.

Intermediate Servo:

Leave out the intermediate servo, servo spring, parts and intermediate band.

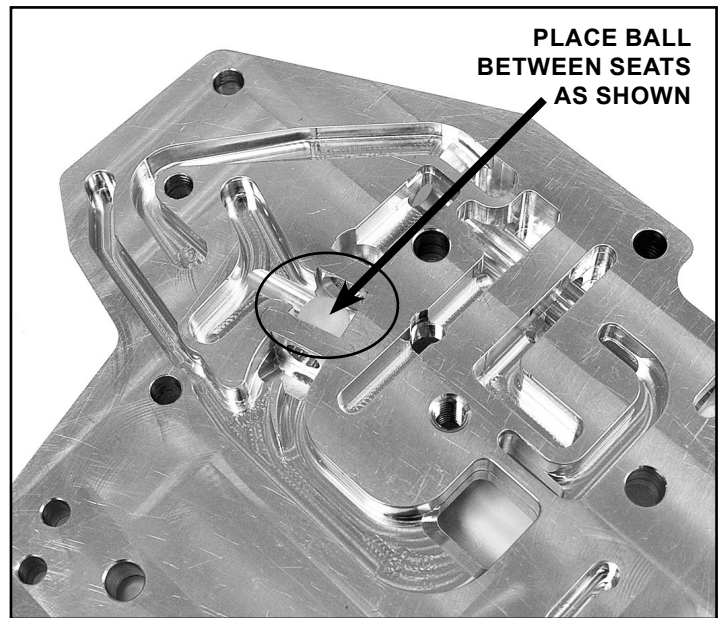
Valve Body Gaskets: Run a flat file or a whetstone over the case to remove any high spots that might cause a crossover leak and install supplied gaskets.

Manual Valve:

Must use supplied manual valve.

Rear Servo:

The rear servo is installed in the normal manner. The two (2) accumulator rings **MUST** stay in for band apply. Requires supplied new Reverse Servo Spring.



(Figure 1)

CENTER SUPPORT - Installation of Teflon rings

(ATI part #405471 HD Center Support shown)

Step 1 - Fill the groove with assembly lube. (Figure 2)

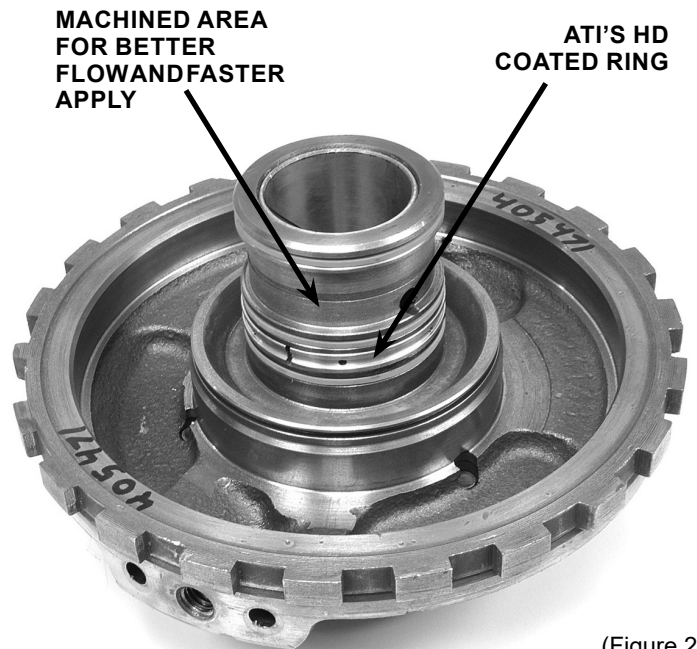
Step 2 - Hand shape rings as round as possible.

Step 3 - Fit a ring into the groove.

Step 4 - Use the same procedure for the front pump.

The assembly lube will hold the rings in place during assembly, however they will not seal until the transmission has been run, don't expect them to pass an air check.

Note! If using an OEM Center Support, you *MUST* leave the second ring off!



(Figure 2)