

ADJUSTABLE PRESSURE REGULATOR


U.S. PATENT # 7,780,564

For use with Compu-Flow Valve Bodies #203050, 203200 & 203250

Your new ATI Valve Body features an exclusive Adjustable Pressure Regulator. The baseline pressure of this unit is 145 - 160 psi. The regulator has been factory pre-set at 165 psi. This is the highest pressure ATI recommends for an OEM GM Powerglide case. Pressures exceeding 165 psi in a GM case have been known to break the case at the reverse piston bore. If you have a GM case, no adjustment is required. ATI further recommends that when using a GM cased transmission in cool weather (sub 60° F), that the unit be thoroughly warmed up before engaging Reverse or Brake to prevent case breakage.

ADJUSTMENT PROCEDURE FOR AFTERMARKET CASES ONLY

The pressure can be increased by loosening the lock nut with a 9/16" box wrench and turning the adjuster screw in (clockwise) with a 3/16" Allen Key. The rate of change is 16 psi per turn. Tighten the lock nut after adjusting.

 **NOTE!** For Billet Aluminum Valve Body (#203051), the rate of change is 20 psi per turn!



ATI Pressure Recommendations

| | | | | | | |
|---------------------|-------|---------|---------|----------|------------|------------------------|
| PRESSURE PSI | 165 | 175 | 185 | 200 | 225 | 230 - 250 ⁺ |
| HORSEPOWER | < 500 | 500-750 | 750-900 | 900-1500 | 1500-2500+ | Not Recommended |

Note!

1. Heavier cars generally require more pressure as horsepower amounts increase.
2. Generally, higher pressures may cause premature wear to occur on internal components and cause parasitic horsepower losses.

TESTING WITH A PRESSURE GAUGE

Use the test port at the Servo Cover. A reading may be obtained with the transmission in first or with the brake applied (if equipped). Bring the RPMs up until the pressure stops climbing and reads steady. This is the regulated pressure.

*The ATI Powerglide Adjustable Pressure Regulator is patented.
Patent infringements will not be tolerated and are subject to legal action.*