

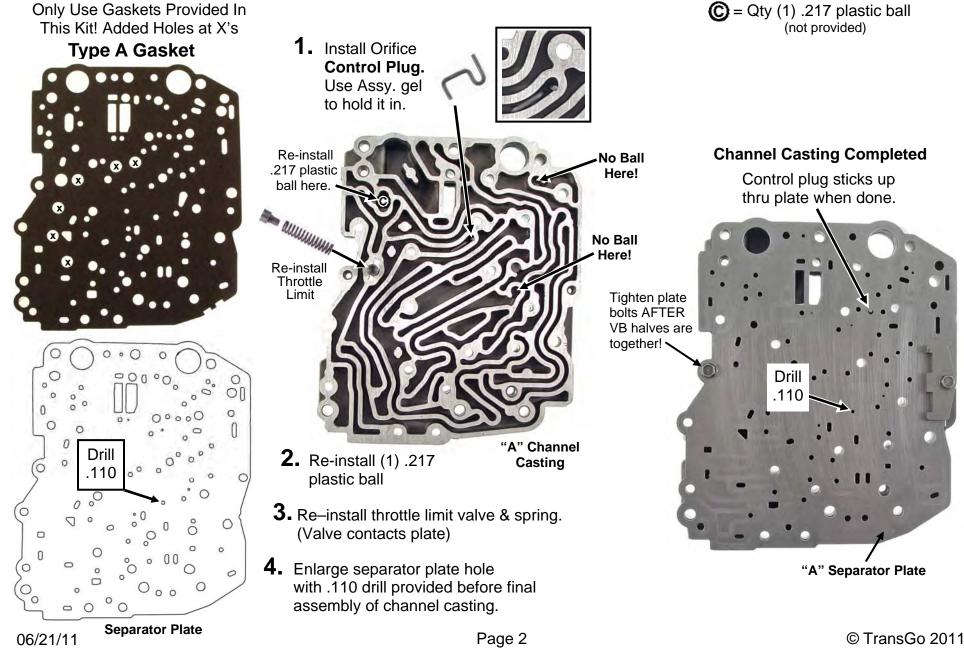
THESE ARE THE TRANSMISSION RATIOS: "1st" 2.46 "2nd" 1.46 "3rd" 1.00 Overall ratios: Multiply axle ratio x trans ratio. [Example 3.73 x 2.46 = 9.25 1st]



21 June 2011

Use this page to assemble Type "A" VB Channel Casting.

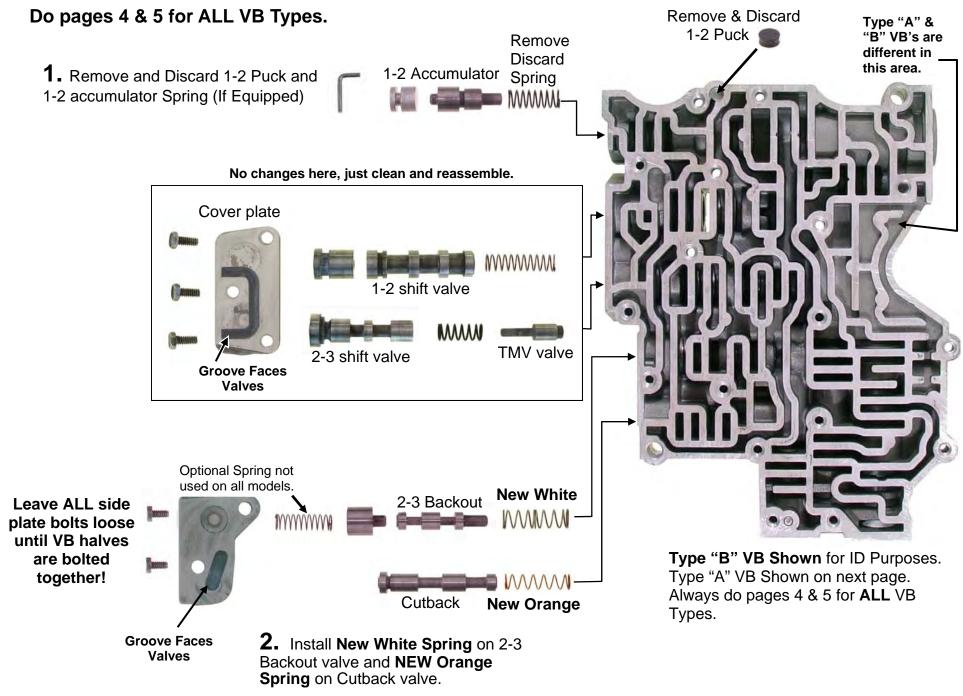
Gasket ALWAYS goes between channel casting and separator plate! Make sure gasket does NOT block any holes in separator plate.

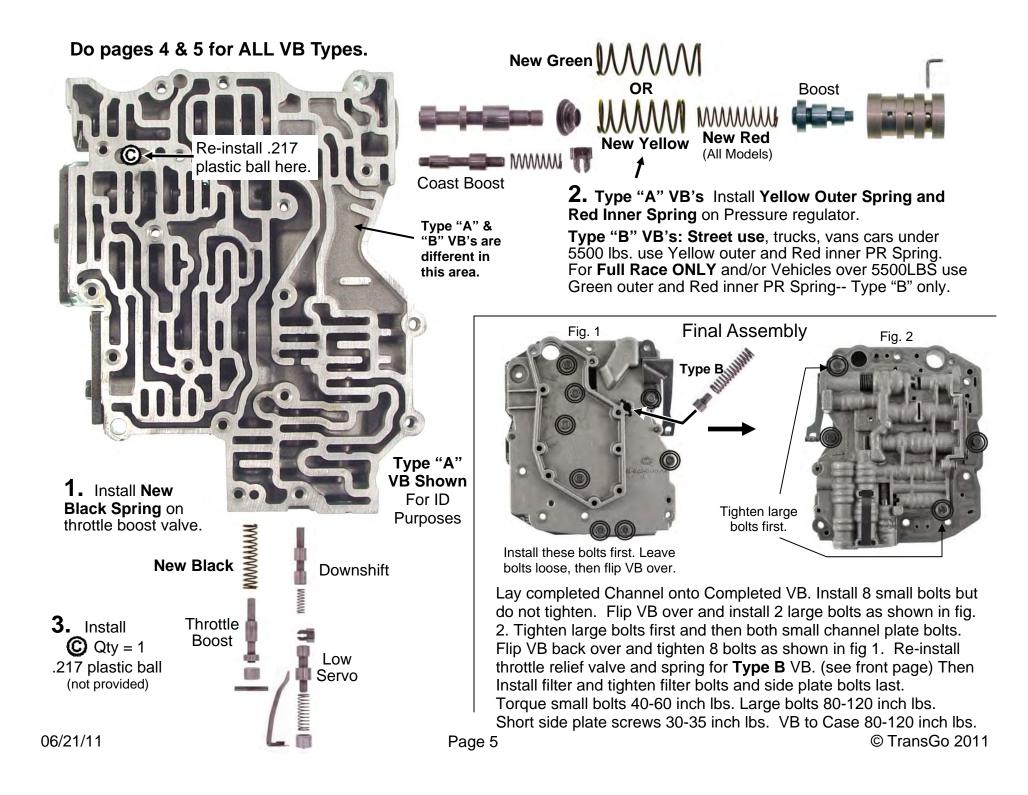


Use this page to assemble Type "B" VB Channel Casting.

Gasket ALWAYS goes between channel casting and separator plate! Make sure gasket does NOT block any holes in separator plate.







Important Information:

Trans MUST have vacuum modulator hooked up. Always connect manifold vacuum to the modulator.

Kick-down linkage is adjusted so you can get a 3-2 down

Modulator Adjustment: Adjustable modulators have a screw visible when you remove the vacuum hose. No more than 3 turns either direction from the factory starting point. Better to be a little early than late! Saves gas, longer trans life and better performance overall. Make 1 change and roadtest.

For earlier shifts: Turn screw counterclockwise 1 turn at a time or you can also use a shorter modulator pin or gasket shim on push-in style modulators. Do not use gasket shim on screw-in style modulators.

For later shifts: Turn clockwise 1 turn at a time, or you can use a longer modulator pin.

| Modulator Pin Length | | |
|----------------------|-------------------|-------------------|
| Minimum Length | Average Length | Maximum Length |
| 1 5/8 | 1 11/16 | 1 3/4 |

If trans has a brief bind-up on manual 1-2 shift: Back off the rear band adjustment one additional turn.

Trans Operation: Fully automatic in the drive position. In the "2" position, Trans will take off in 2nd and hold 2nd gear to any rpm. In the manual low or "1" position, trans will take off in 1st and hold 1st gear to any speed. Care must be used when manually downshifting as the trans will follow **YOUR** command. Moving the selector to the 2 or low position will result in that gear being selected **AT ANY SPEED!** So **BE CAREFUL** and use good judgment.

Tip: Run Trans in Manual low, bring engine rpm up to approx 3000 RPM. Look at speedometer. Consider this the **MAX** safe MPH to go back to "1" on **dry pavement** for engine braking.

Adjusting Bands: Apply a little sealant to back side of locknut to prevent leaks. Hold adjuster while tightening locknut after adjusting Bands.

Intermediate Band Adjust– Tighten snug with a short wrench and back off 1 1/4 turns.

Line Tap

Line Pressure Spec's Drive - Idle 55-65 WOT 150-185 Reverse - Idle 60-110 WOT 240-270

off 3 turns.

