

SK®6F50 Fits: 6F50's 2007-2018

Corrects/Prevents/Reduces

Pressure Regulator & Actuator Feed System Malfunctions that lead to broken parts.

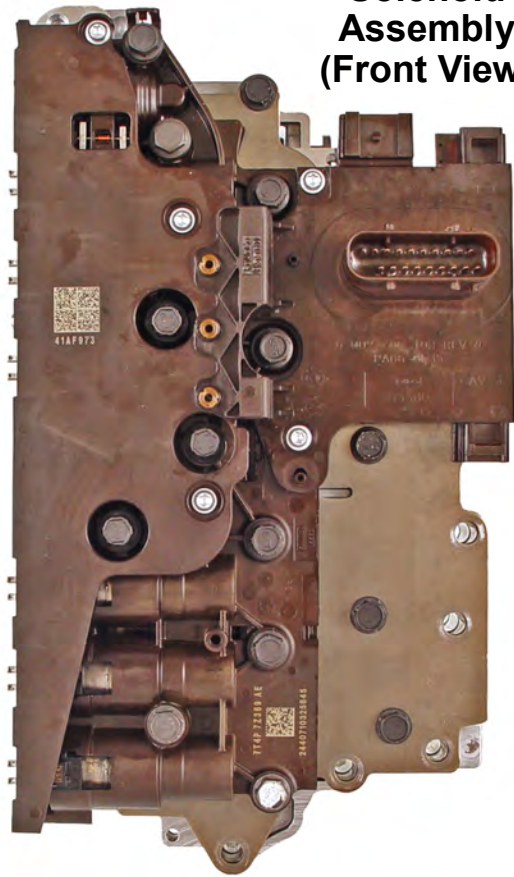
Installs with No Special Tools Required!

Adds over boost protection, improves TCC stability.

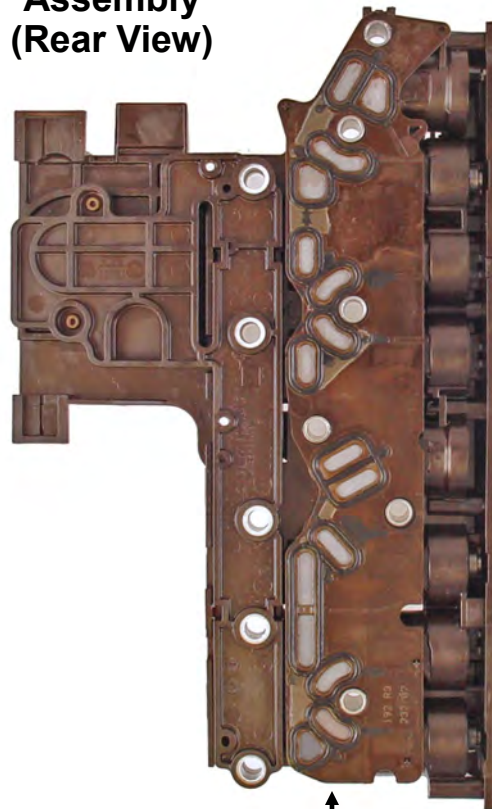
"It Just Ain't Fixed Without It"



Solenoid Assembly (Front View)

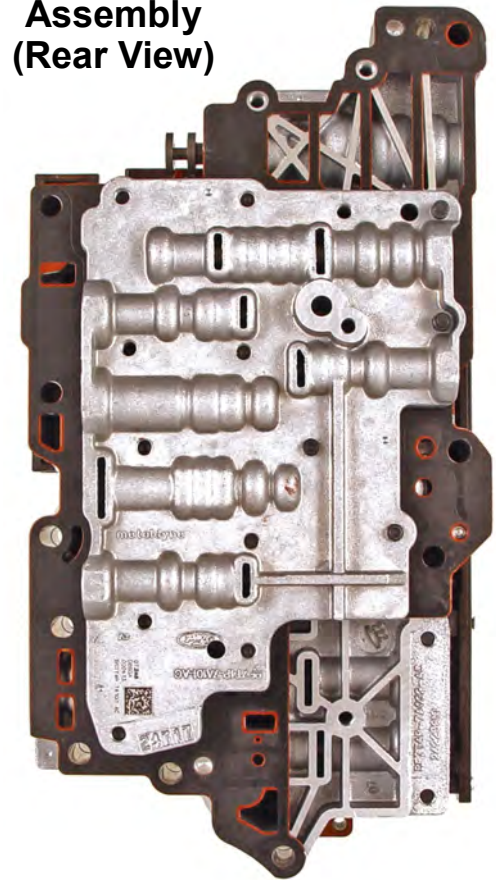


Solenoid Assembly (Rear View)



↑
Screen lifts off to clean!

Valvebody Assembly (Rear View)



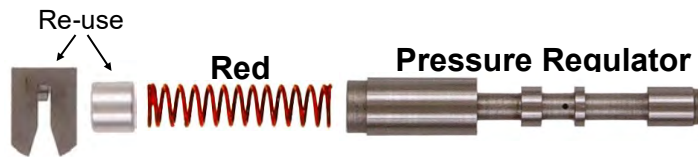
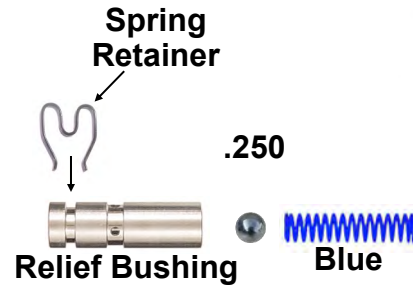
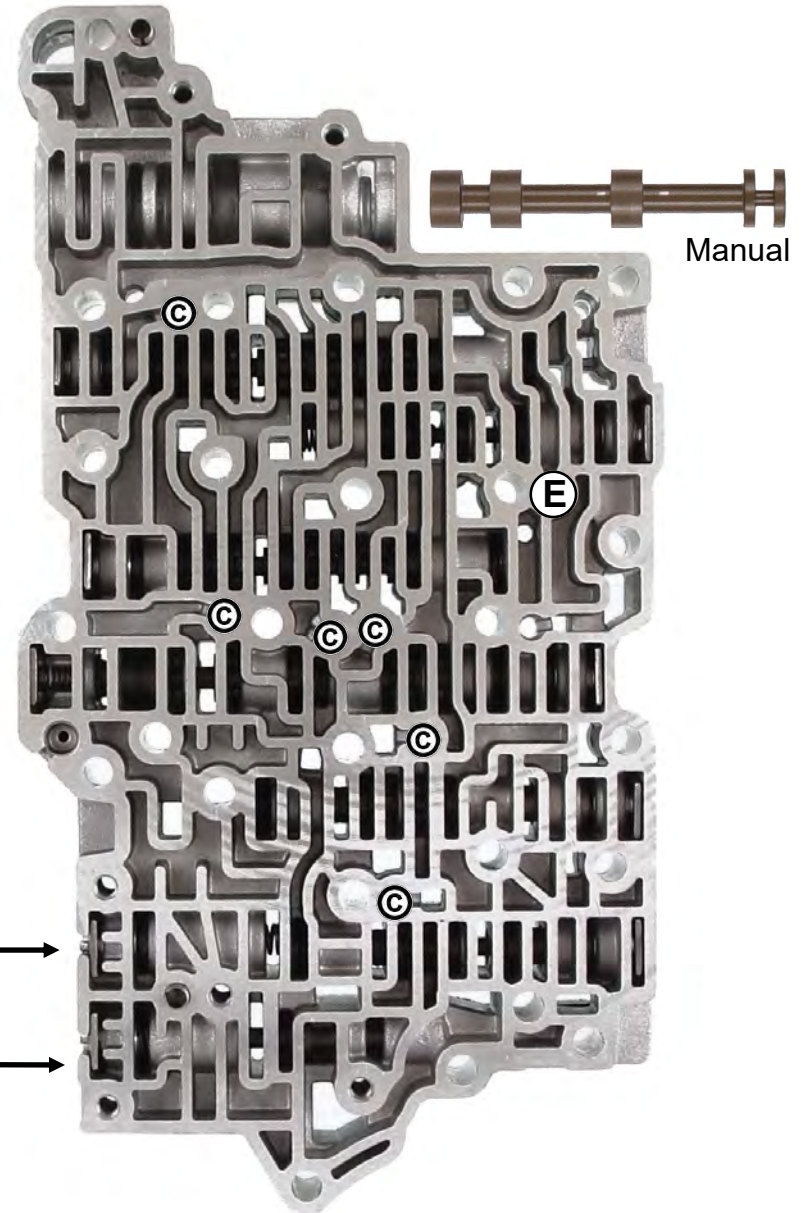
Main Body Repairs (Front Side)

Ⓒ = 6 Check balls (All)

Ⓔ = Install ball only if plate has a hole over this location.
See page 5.

Step 1

Remove & discard original Isolator retainer, plug, valve & spring. Locate **New Relief bushing**. Insert **New .250 ball** first, then **New Blue** spring into relief bushing. Now insert relief assembly into VB Isolator bore. Insert bushing far enough to install new spring retainer into outer groove of bushing. Trans is now protected from over-boost cross leaks! Protects expensive hard parts!



Step 2

Remove & discard original Pressure Regulator valve & spring. Install **New Pressure Regulator Valve**, New **Red** Spring, original end plug & retainer.



Main Body Repairs Continued (Front Side)

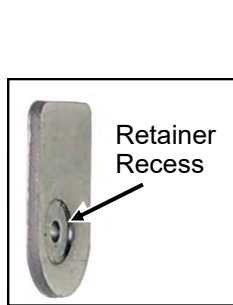
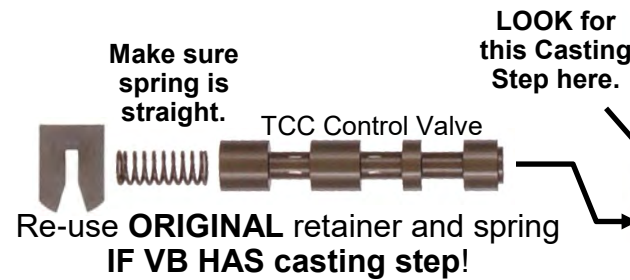
Ⓒ = 6 Check balls (All)

Ⓔ = Install ball only if plate has a hole over this location.

Step 1

STOP! LOOK! IDENTIFY! ONLY USE the **NEW** TCC Control Valve **spring** and **retainer** provided **IF** your valve body has **NO CASTING STEP!**

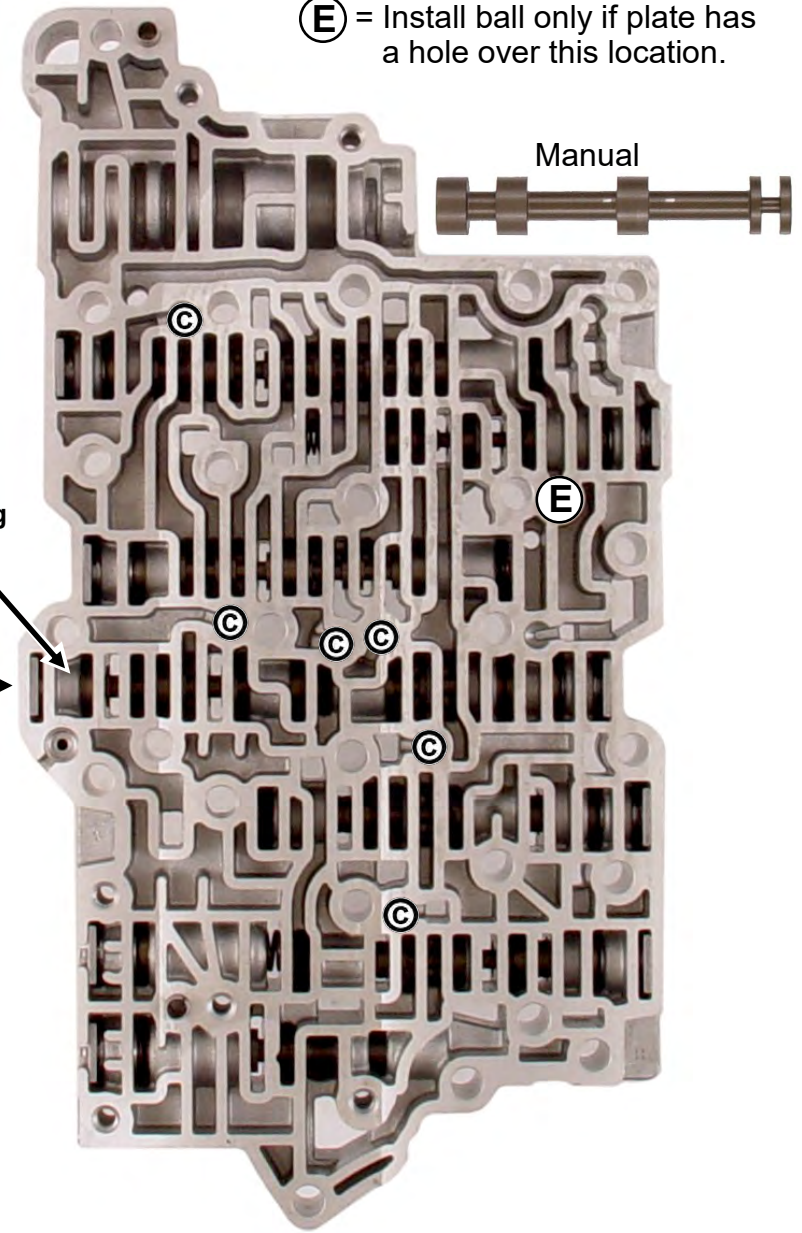
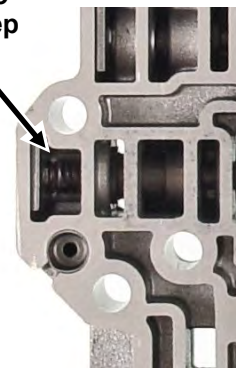
If it has a casting step, **re-use your original** spring and **original** retainer. Just make sure the spring is not bent or crooked when installed.



New Retainer



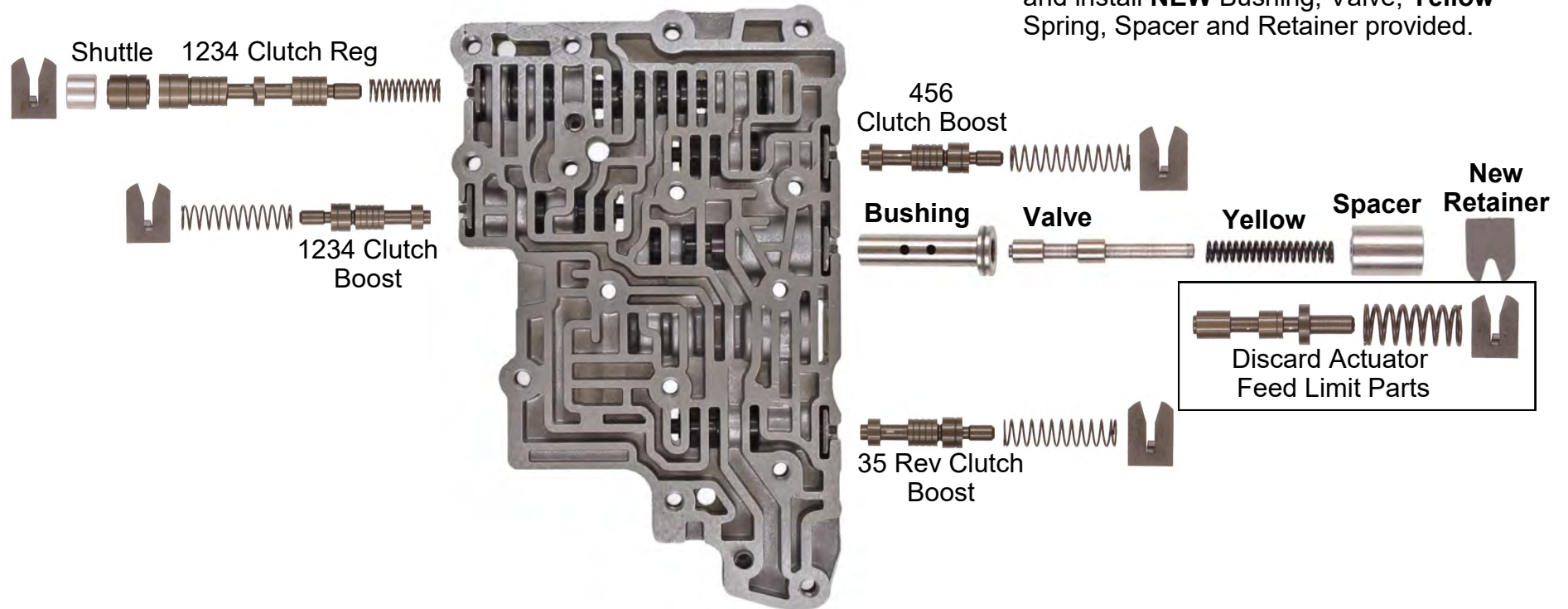
VB with No Casting Step here.



Rear Valve Body

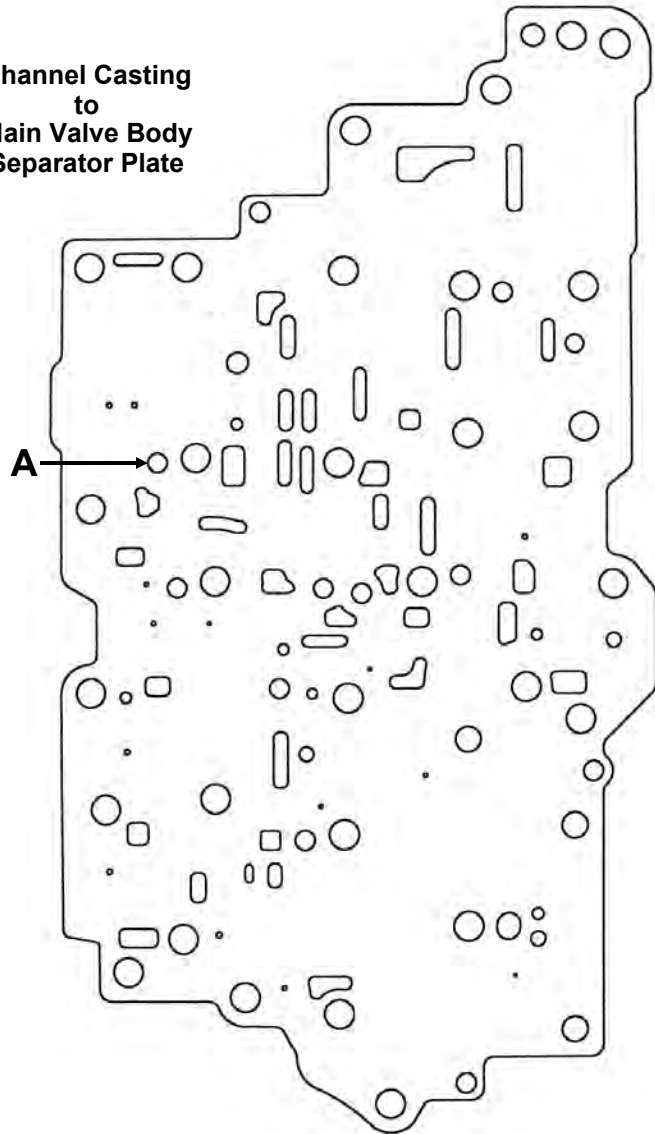
Step 1

Discard original Actuator Feed Limit parts and install **NEW** Bushing, Valve, **Yellow** Spring, Spacer and Retainer provided.



Separator Plate (No Changes)

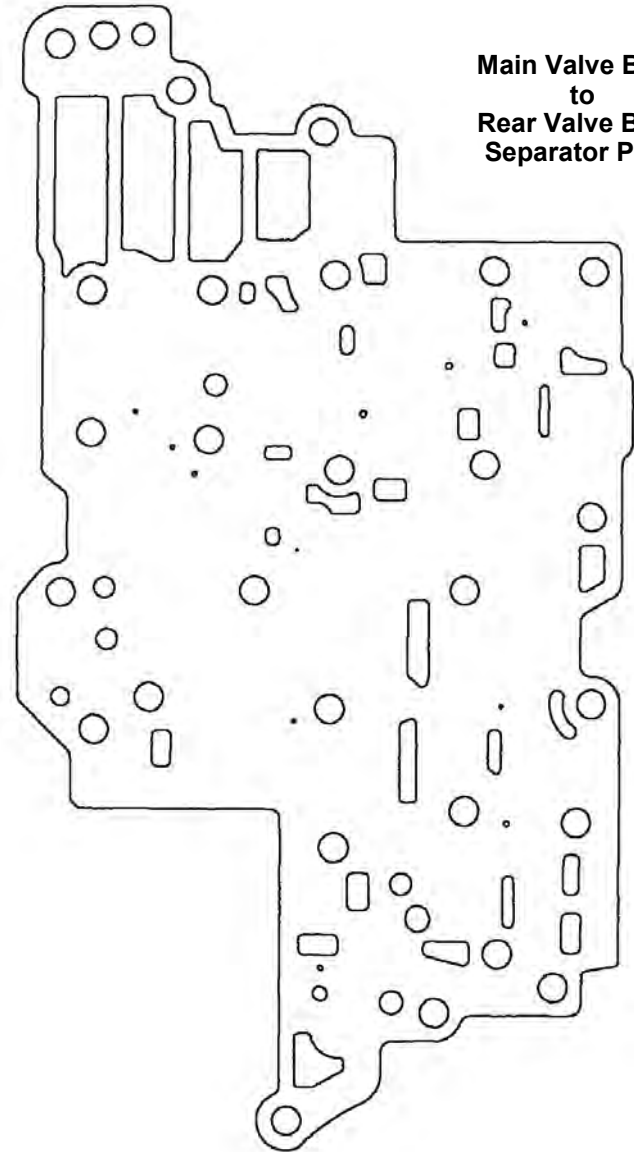
Channel Casting
to
Main Valve Body
Separator Plate



Gaskets are bonded
to the Plates from
the factory.
Re-use is ok if they
are NOT damaged.

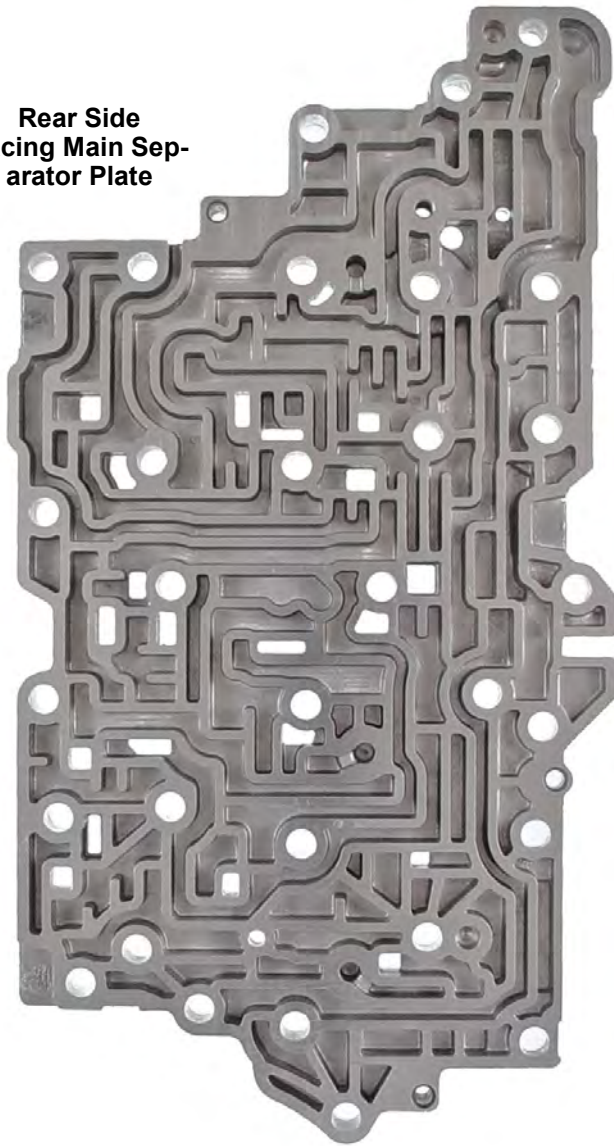
If Plate has hole "A",
then VB must have a
checkbox at location
"E". (See page 2)

Main Valve Body
to
Rear Valve Body
Separator Plate



Front Channel Casting (Rear Side)

Rear Side Facing Main Separator Plate



Front Steel Cover Plate (Rear Side) w/Bonded Gasket

Fixing the cause of the complaints is our goal. Making products to help you be more successful is the result of listening. Let us hear from you!



Mr. Shift