

SK®6F35 Gen2 Fits: 2012-2018 All with Gen 2.

Corrects/Prevents/Reduces

2-3 Cut-loose, No Reverse, Ratio Codes.

Includes: New TCC & Main Regulator Valves for improved Line & Lockup control, New **Main Plate**. Also includes over-size Actuator Feed Limit valve (See note.)

Which Generation do I have?

See page 2 first.

Do yourself and your customer a favor:

If the trans came in with the Lockup (TCC) failed, the converter material is **PACKED IN THE SOLENOIDS!**

Replace the solenoid body with a new Ford Body.

A New Ford Solenoid body comes with a new solenoid strategy number to be installed into the computer.

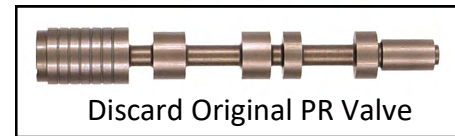
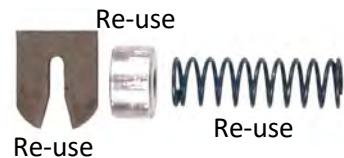
Note: May require a Ford tool to install it.

Step 1 Remove original PR valve. Save spring, end plug and retainer. Clean bore and test fit the new 2 piece valve for free movement. If ok, remove and do final cleaning of new valve and bore. Use ATF to lube new Valve.

Step 2 Clean & Install **New 2-piece** PR Valve. Reuse *Original* Spring, End plug & Retainer.

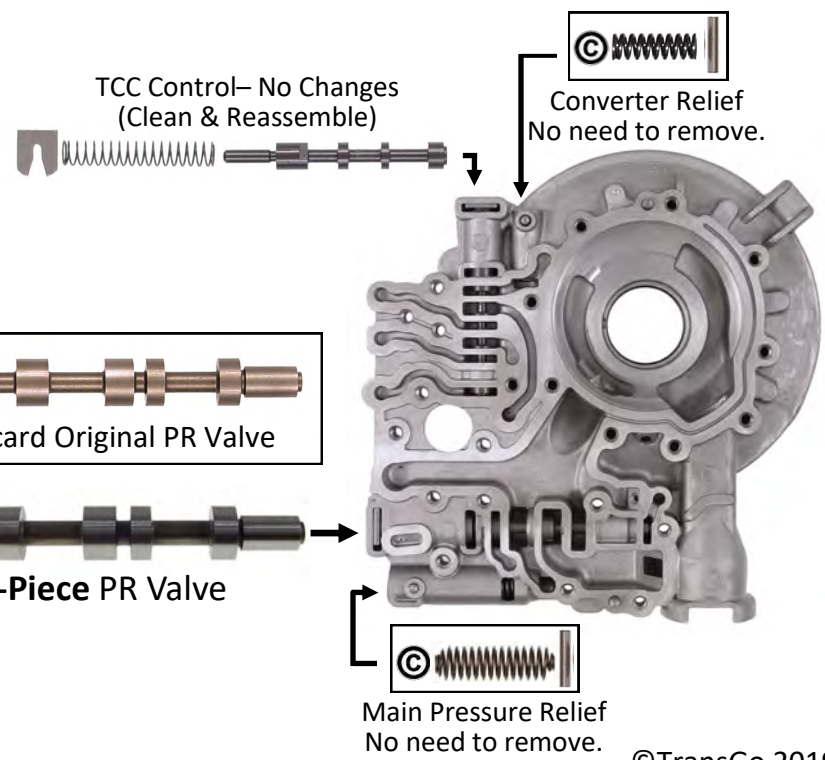
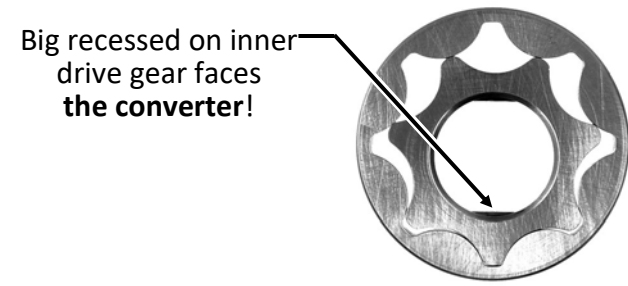
Good News!

The **New 2 Piece** PR Valve reduces sticking, restores the function and reliability of the Pressure Regulator system. A quick & simple fix!



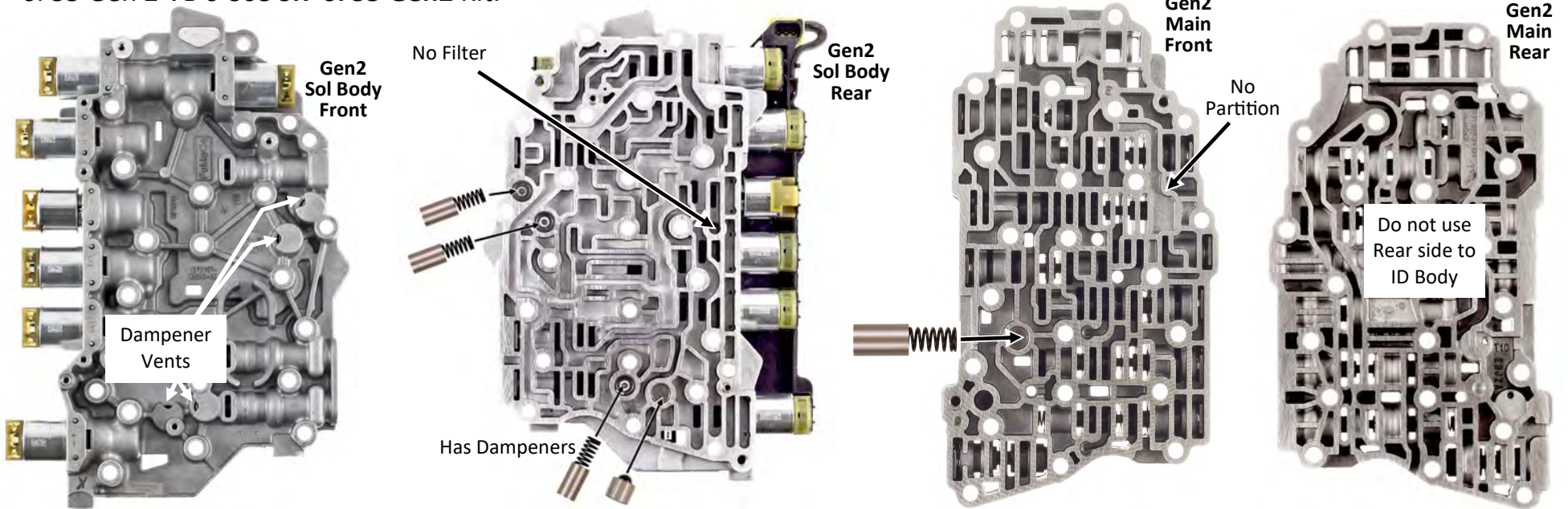
Note: This product requires the TransGo® # **AFL-G2-TK** Tool kit to repair the Actuator Feed Limit system.

2 Groove	1 Groove	No Groove
6T40 Gen2	6F35 Gen2	6T70 Gen2

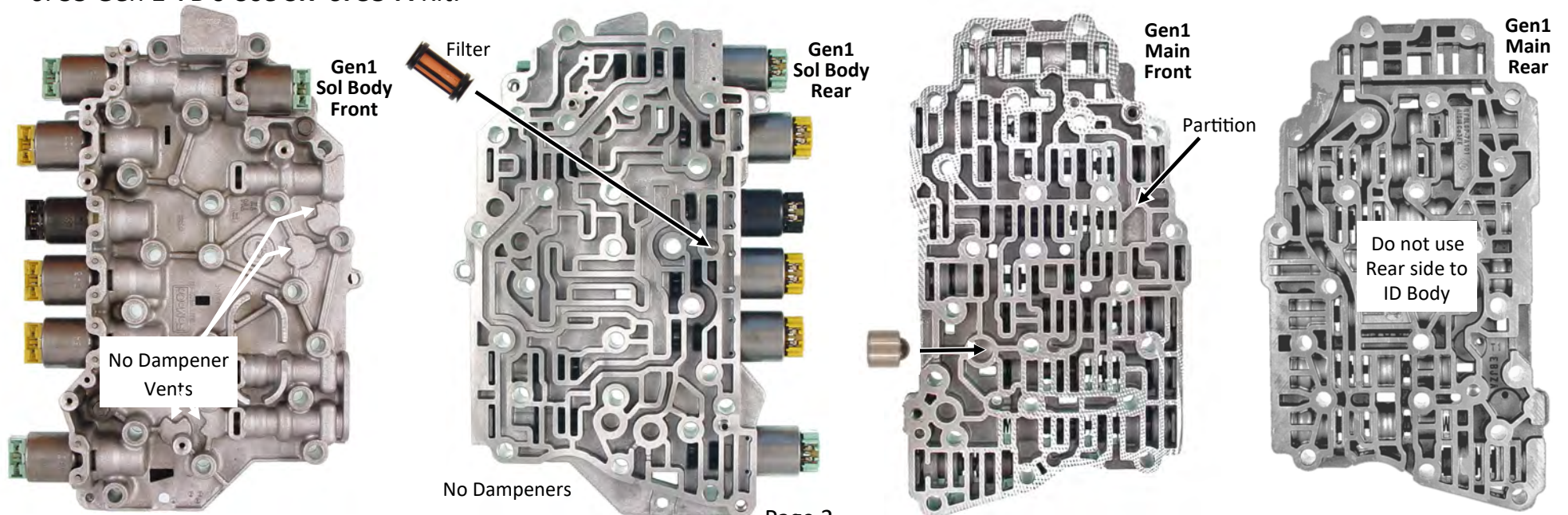



ID your V.B first! Use the correct product! Do Not Cross Mix Generations!

6F35 Gen 2 VB's Use SK®6F35 Gen2 Kit.



6F35 Gen 1 VB's Use SK®6F35-A Kit.



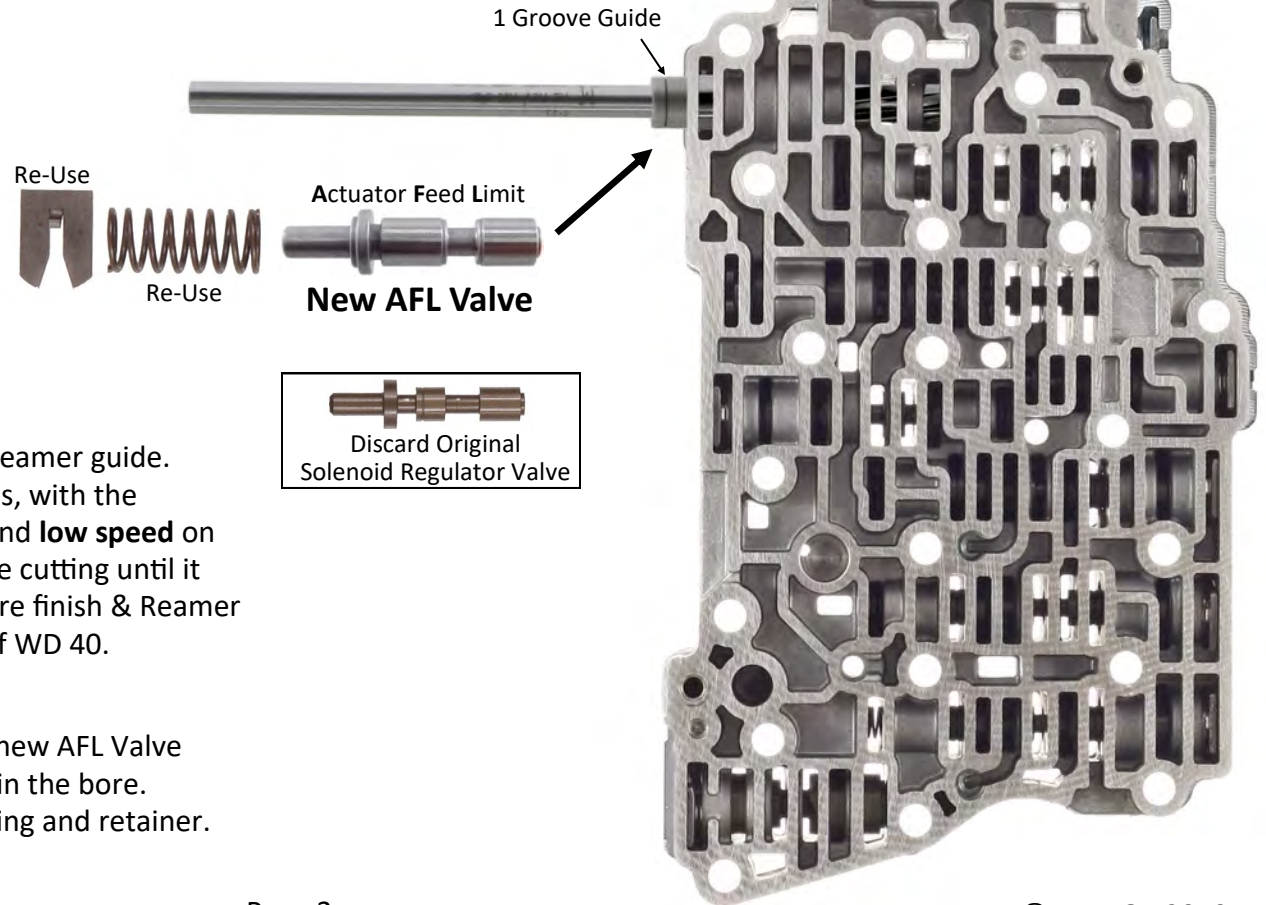
Main Body Repairs

To repair the AFL bore requires the TransGo # **AFL-G2-TK** Tool Kit.



Tool Kit fits 3 **different** transmissions, just use the correct reamer guide.
Fits All **Gen 2 Vb's** 6F35's, 6T40's & 6T70's.

Tip: Have an old parts washer?
Get 5 gals of WD-40 (approx \$100 bucks) and you'll have the perfect wet tank to keep the VB bore and reamer cool while you ream aluminum valve bodies. Flushes chips out as you go.



Step 1. Disassemble AFL Valve lineup
Save the Retainer & Spring.

Step 2. The **6F35 Gen 2** uses the "**1 Groove**" reamer guide. Place the 1 groove guide into the bore till it stops, with the stepped end out as shown. Use lots of WD-40 and **low speed** on your favorite portable drill, let the reamer do the cutting until it bottoms in the bore. Don't force the reamer, bore finish & Reamer life require a **slow inward movement** and lots of WD 40.

Step 3. After reaming, clean the bore and the new AFL Valve furnished in this kit. Make sure the valve is free in the bore. Install the **New AFL Valve** and reuse original spring and retainer.

Main Body Repairs

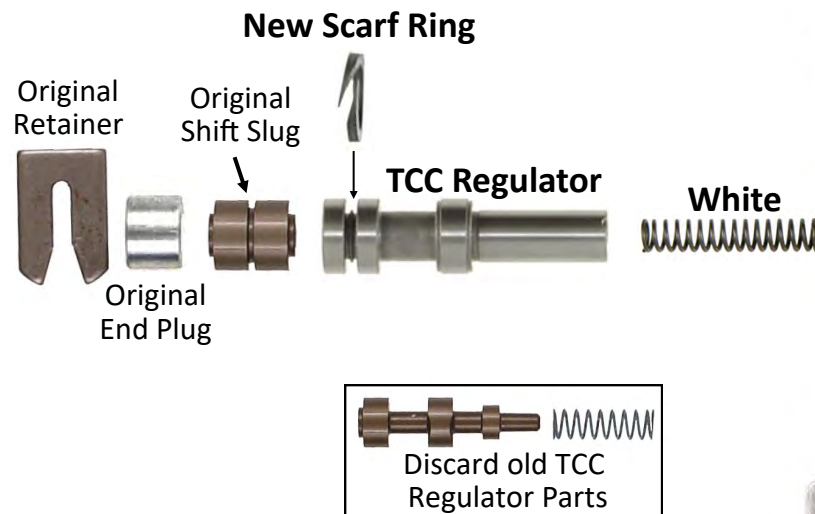
Step 1

Discard original TCC Regulator Valve and spring. Put a small dab of assembly gel into the groove of the new TCC Regulator valve and then **install the NEW scarf cut ring.**

Roll the small **o-ring provided** on top of the scarf cut ring and place it in the freezer for 15 minutes. This will “size” the ring into the groove.

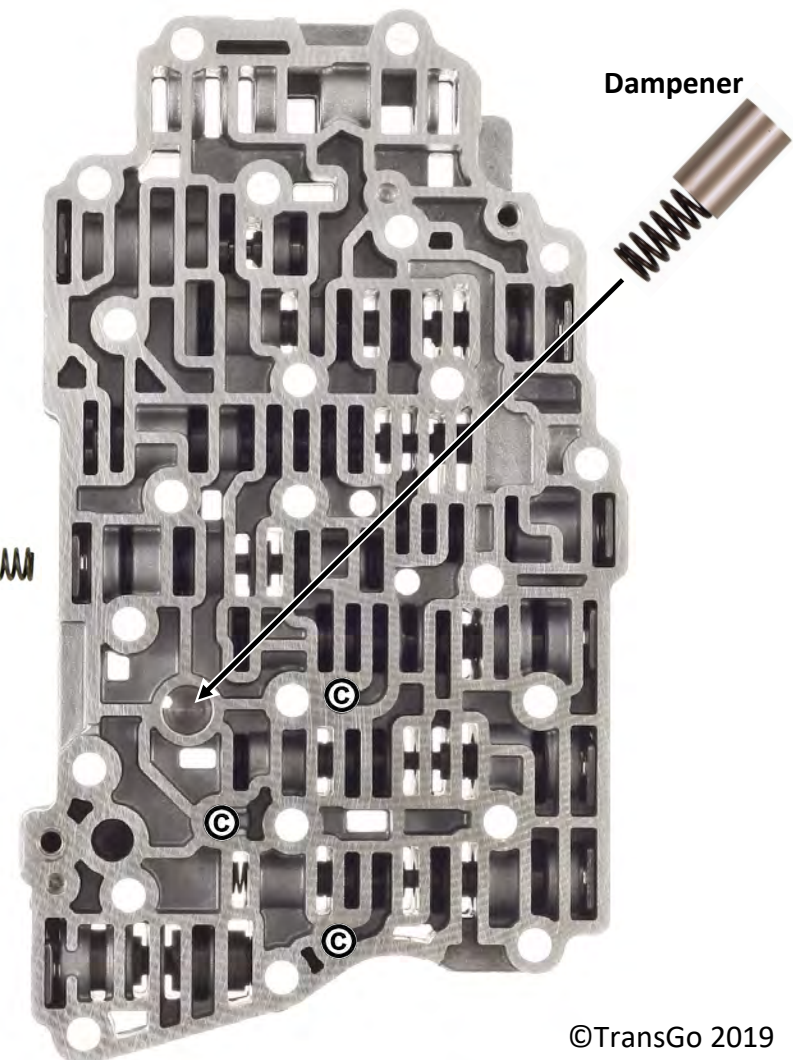
To install the valve, roll the o-ring off the valve. Insert **NEW White Spring** into the hollow end of valve and insert new valve and spring into the Reg bore. Be careful not to cut the new ring. It will go right in if the outer diameter of the ring is flush with the new valve. Finish by installing the original Shift Slug, End Plug and Retainer.

Once you install the valve and ring— **DO NOT REMOVE IT!**



Step 2.

Discard original dampener spring and Install one of the new plain springs here as shown. The rest will be used on page 6 in the solenoid body.



© = (3) .250 Check Balls

READ THIS: The SK® 6F35 Gen2 Main Plate and Gaskets fit Gen2 Models Only!

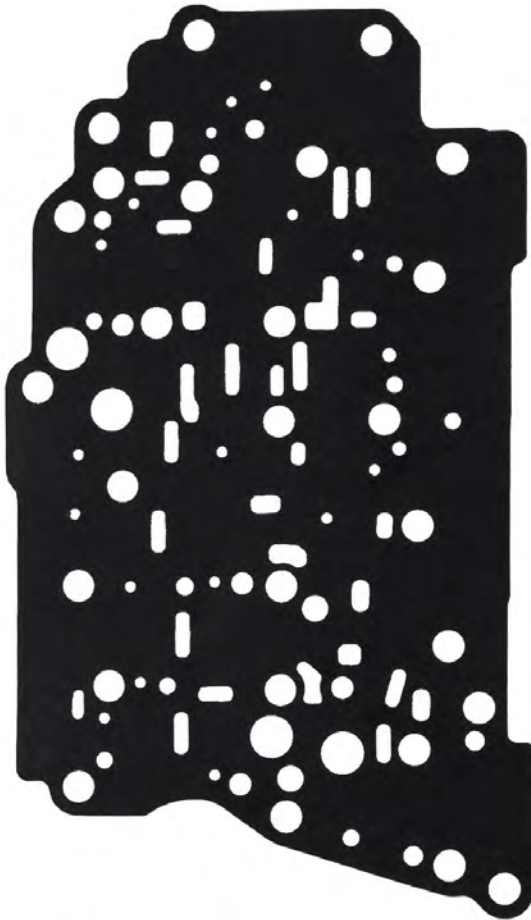
Step 1

The original Main Plate is usually damaged at the check ball locations.

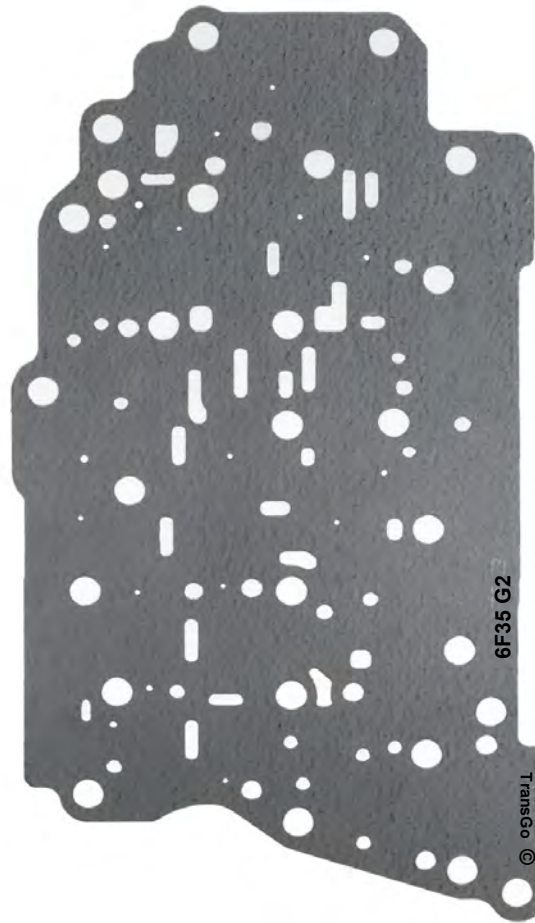
A **New Updated** replacement plate is provided and includes matching gaskets.

Note: Updated plate Fits **6F35 Gen2** Only

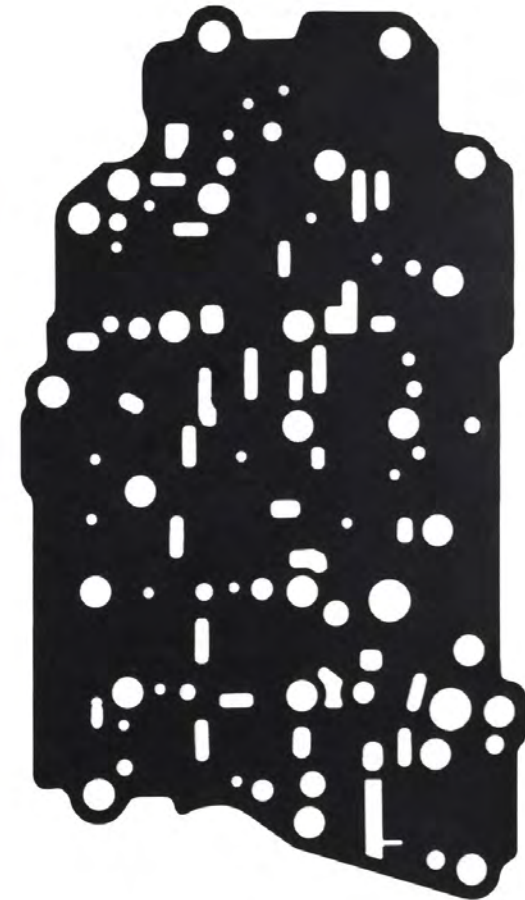
**Main Plate to Solenoid Body
Gasket**



New 6F35 G2 Main Plate



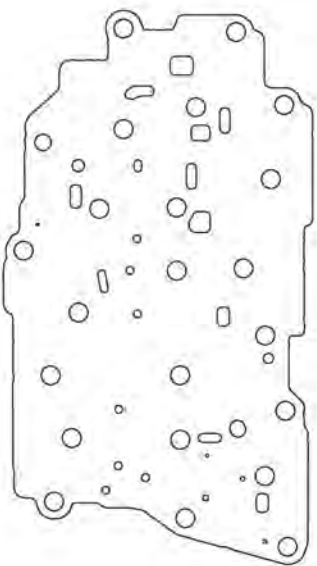
**Main Plate to VB
Gasket**



Solenoid Dampeners & Additional Data Typical Gen2 O.E. VB

© = 3 .250 Check Balls

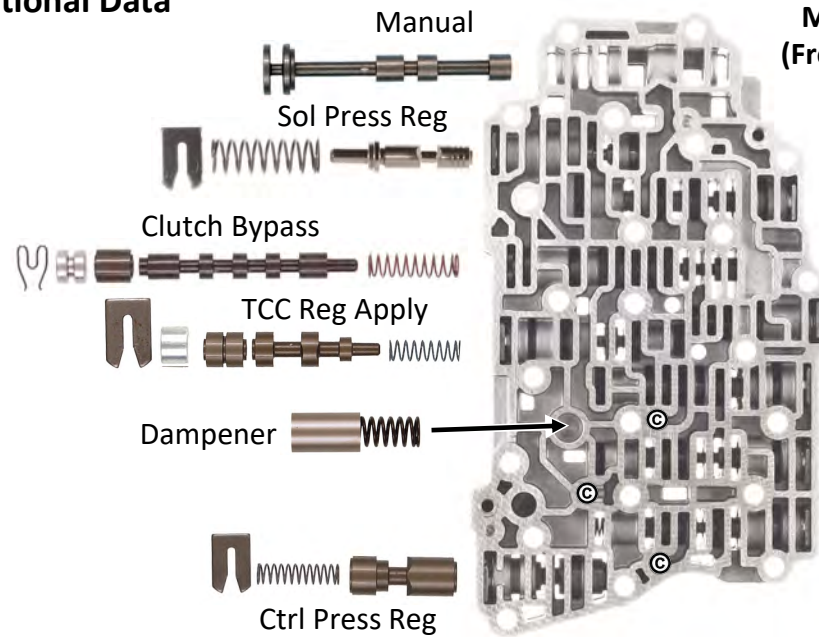
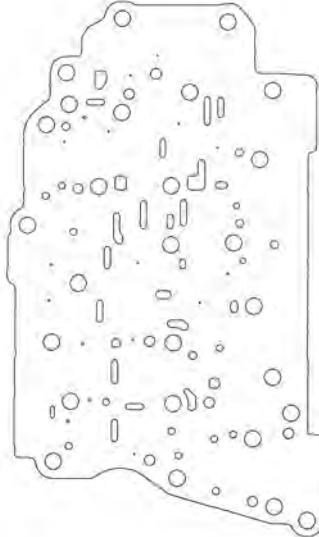
Case Plate



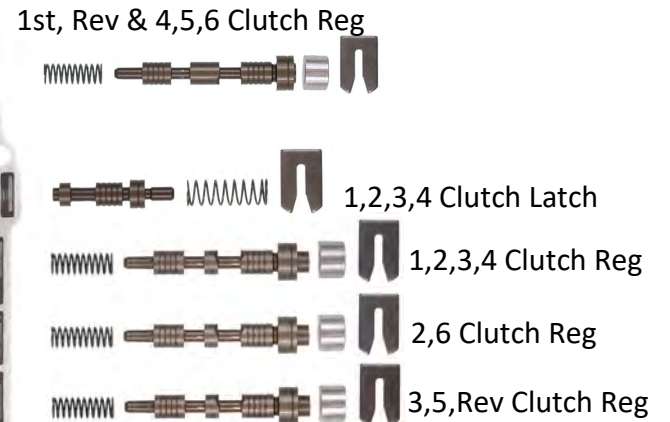
Main VB
(Rear Side)



Solenoid Body
Plate



Main VB
(Front Side)



Step 1.

Discard original dampener springs and Install 3 of the new plain springs at locations 1,2,3 In solenoid body.



Step 2.

Discard original dampener Rubber & install new rubber provided. Install this dampener as show at location 4.

Flattened
No Good!



No Filter Screen
Solenoid Body

