

# SK® 6R80-G2

**Fits:** Ford/Lincoln 6R80 Gen 2 Only  
(1/2015-on) with or without Start Stop\*  
Also fits 6R100 2017-on

Patent # 11,408,447

Kit Includes New  
Patented 2-piece PR Valve

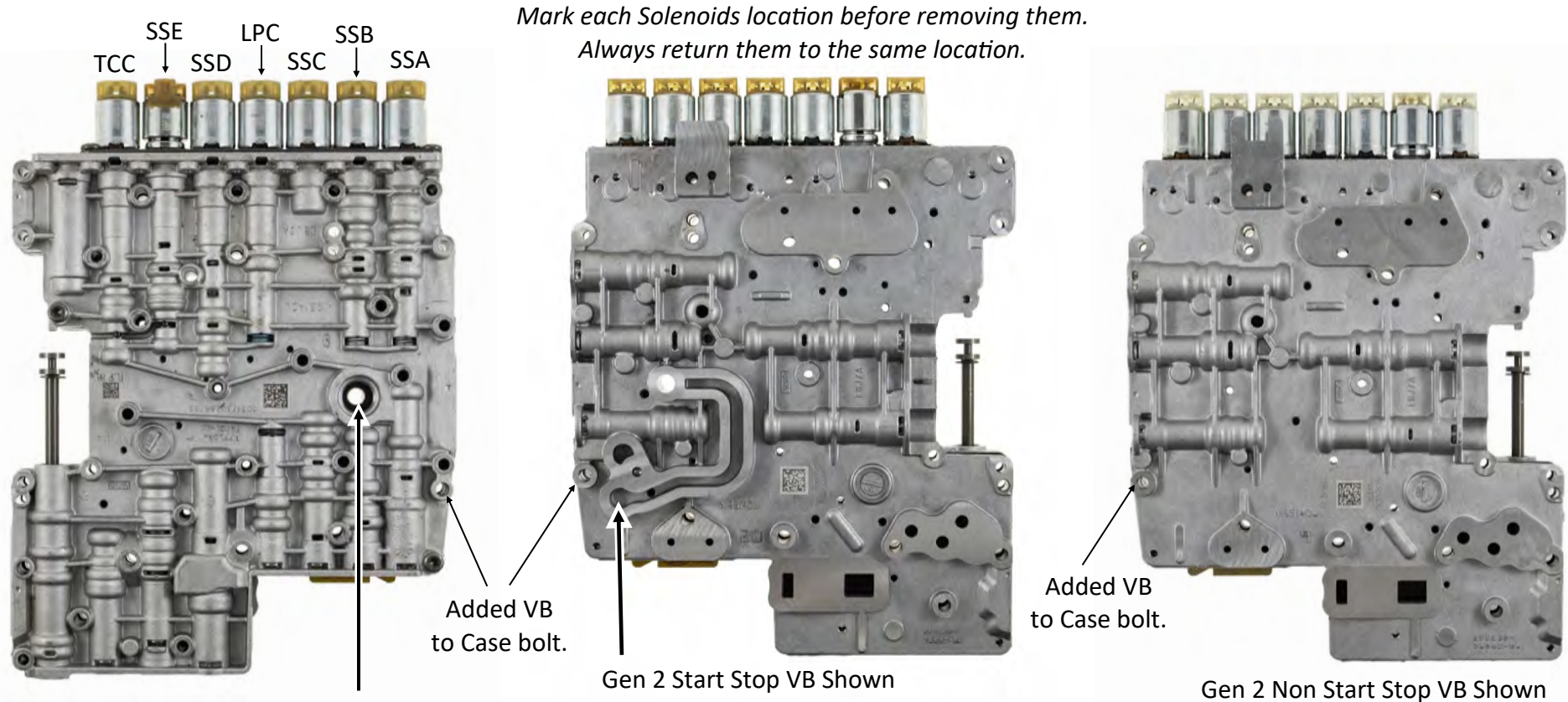


## Reduces/Corrects/Prevents

28 to 46 MPH "TCC Quiver"  
Erratic Pressure due to PR Bore wear,  
Rough or Soft Shifts, TCC slip or Shutter  
Coast-down Clunk.

## Read This First:

Some 2014 & early 2015 models along with some new replacement Gen 1 VB's may visually resemble Gen 2's with the extra filter hole on the bottom of VB & may or may not have added VB to case bolt hole, *but* still use's the Gen 1 PR Valve. Ford parts book show all vehicles built **after** 12/2014 have a Gen 2 VB, but to confirm a Gen 1 or Gen 2, always measure the PR valve (see page 2) to be sure your installing the correct kit.

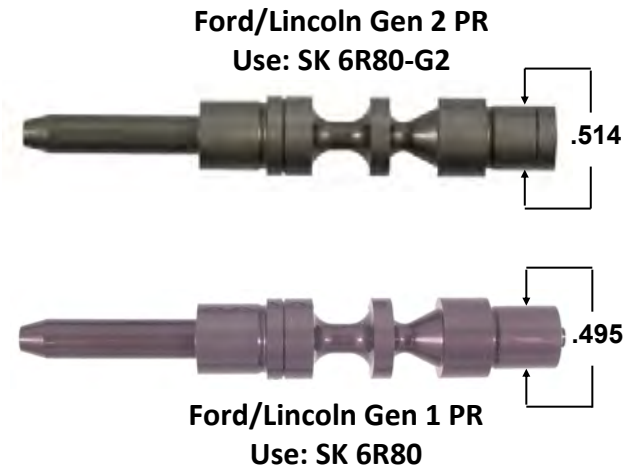


6R80 Gen 2 VB's have this extra filter hole here.  
Only models with Start Stop use it, they will have filter grommet located here, use a two neck filter and a small electric auxiliary pump on the passengers side of trans.

\*Start Stop is an engine management feature that shuts off the engine during periods where it would otherwise be idling.

## Step 1

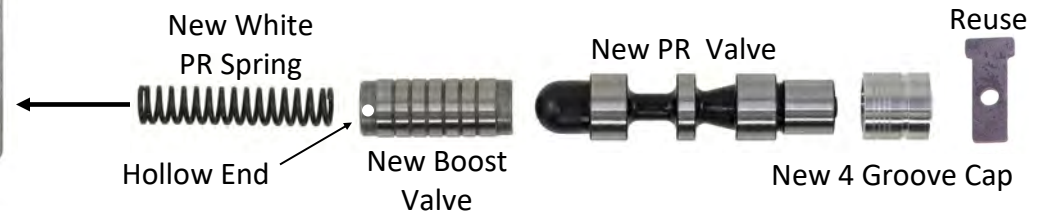
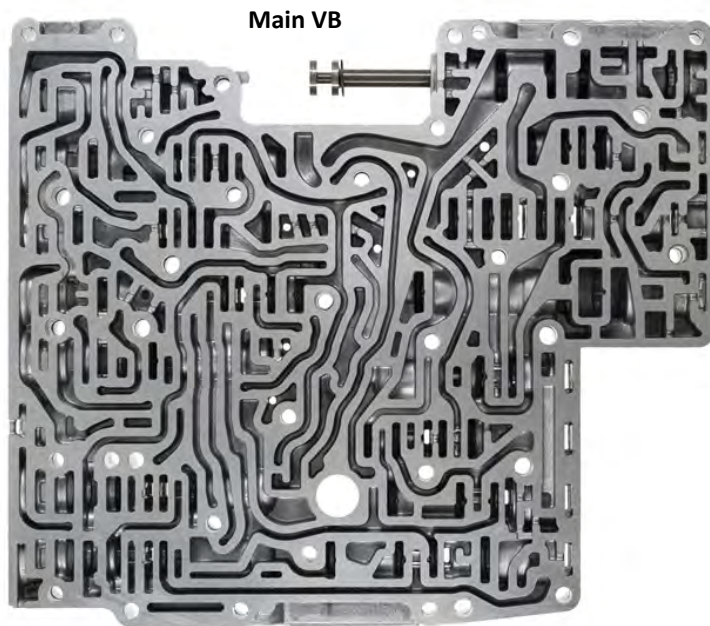
Remove & measure your Original **PR Valve** first to make sure you have the correct Kit. **Note:** This product **only fits:** **Ford/Lincoln Gen 2 Valve Body's** with stock O.E. Bore Sizes!



Measure Original PR Valve.

## Step 2

With original PR valve measurement of .514" Install New Large **White** PR Spring, inside hollow end of new boost valve as shown and insert into the VB. Next install new PR valve & new 4 groove cap. Re-use original retainer. Make sure New PR Valve is free in the bore before final assembly.





### High Mileage Valve Body?

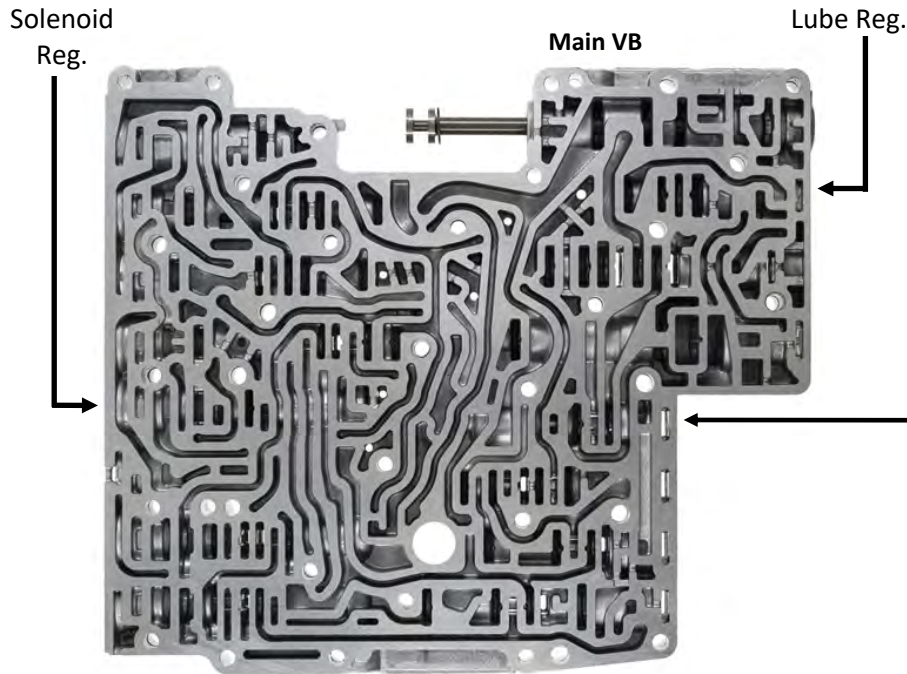
140,000 Mile plus VB's can have excessive wear in the **Lube Regulator** & **Solenoid Regulator** bores. This wear can cause complaints of persistent Coast Down Clunk Hot, Ratio Codes, Long Slip or Sliding Shifts Hot & Premature Gear Train Bushing failure.

Order TransGo P/N **6R80-VBR-WT** and fix both!

High Mileage VB's also need a fresh set of solenoids.

### 6R80 TCC Information:

Some customers may describe a complaint of a vibration or "Quiver" that feels like a tire problem but isn't. Here's the skinny... If the customer's been chasing this complaint for more than a month or two, you will need this kit **AND MAYBE** a new converter. *However*, shops installing this product with a fresh refill of Mercon® SP Fluid say it usually fixes the issue even if it's been doing it much longer.



### Step 1

Discard original TCC Regulator Valve and Spring. Install **NEW Steel TCC Regulator Valve** and New small **White** spring provided reuse end plug & retainer.



*Always check each wire retainer as they break often. For your convenience, extra Retainers are provided.*

When replacing any or all of the VFS solenoids look **carefully** between the QR code and the plastic connector for the calibration # 2 thru 5. Always replace with the same number that came off in each location. SSE is a on/off solenoid with no calibration ID. 2011-2019 SSE AL3Z-7G484-B.



- |                        |                        |
|------------------------|------------------------|
| Brown # 2 AL3Z-7G383-S | Black # 2 AL3Z-7G383-K |
| Brown # 3 AL3Z-7G383-T | Black # 3 AL3Z-7G383-L |
| Brown # 4 AL3Z-7G383-U | Black # 4 AL3Z-7G383-M |
| Brown # 5 AL3Z-7G383-V | Black # 5 AL3Z-7G383-N |

**Additional Information for Non-Start Stop models 2015-2019**  
**(Start Stop Model on next page)**

Watch for damaged/crushed solenoid dampeners.  
 Replacement inserts are included! Gen 2's use Six.

Re-install ALL small parts to their original locations!

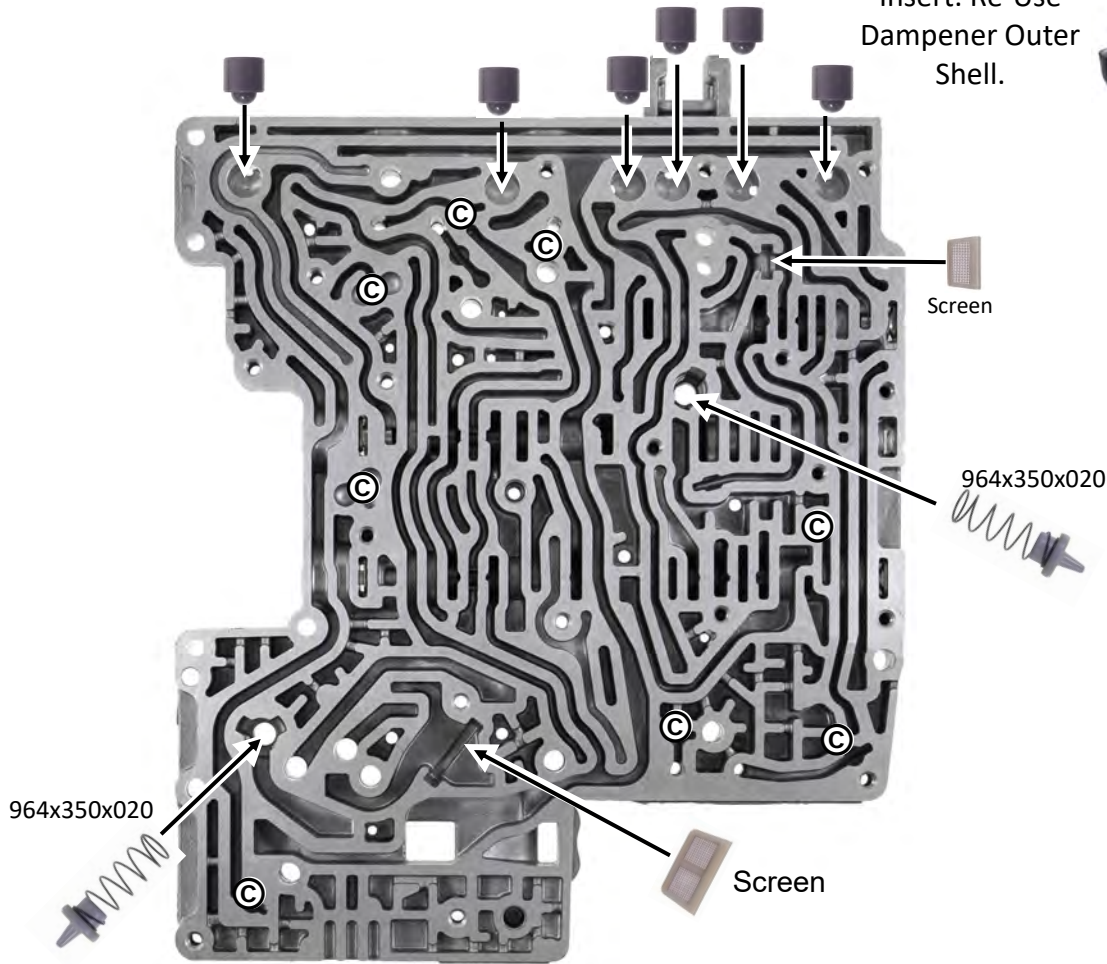
New Replacement  
 Insert. Re-Use  
 Dampener Outer  
 Shell.



**This Model Uses:**

- ⊙ = (8) 6 MM Plastic Balls
- ⬛ = (6) Dampeners

**Gen 2 Plates use bonded gaskets**  
 Latest Plate P/N: FL3Z-7Z490-D  
 Same plate with or without start stop.





## Additional Information for Start Stop models 2015-2019

Re-install ALL small parts to their original locations!

Watch for damaged/crushed solenoid dampeners.  
Replacement inserts are included! Gen 2's use Six.

New Replacement  
Inserts Re-Use  
Dampener Outer  
Shell.



Flattened  
Dampener  
Is  
**No Good!**

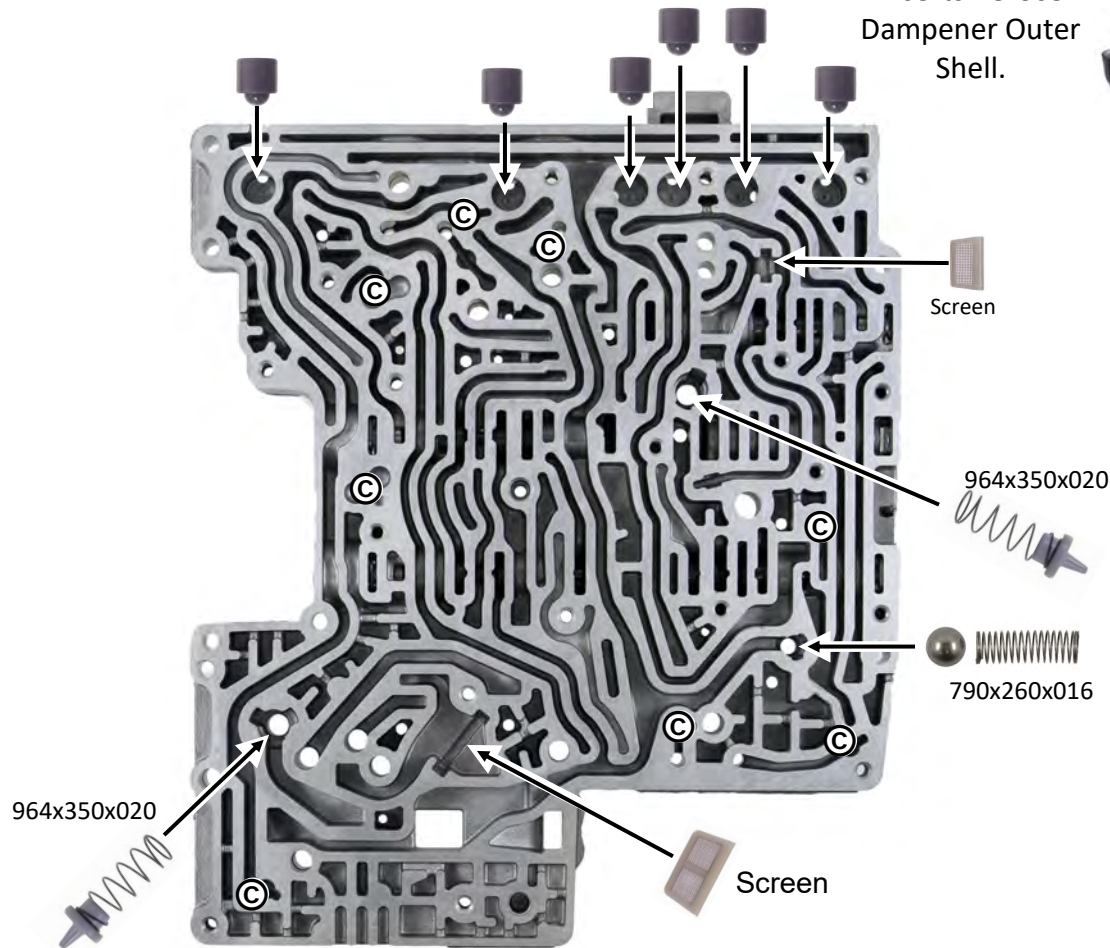
### This Model Uses

Ⓢ = (1) 8 MM Steel Ball & Spring

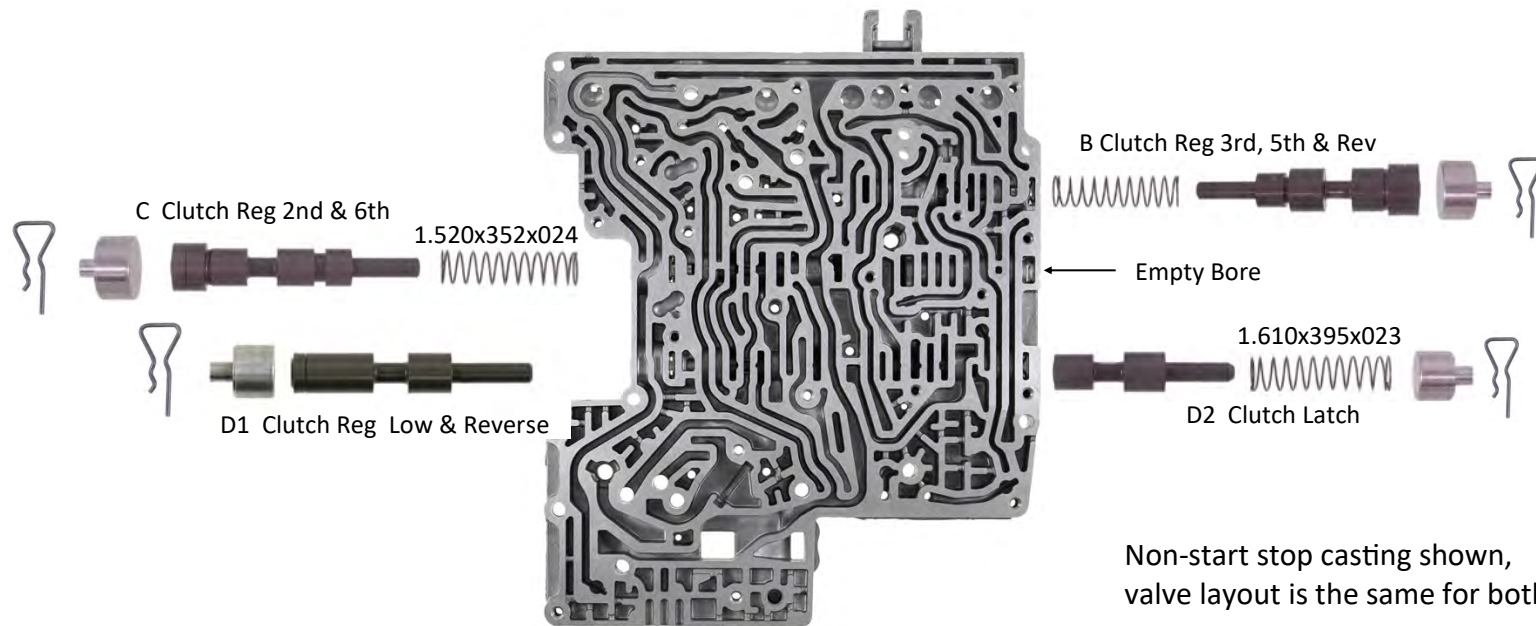
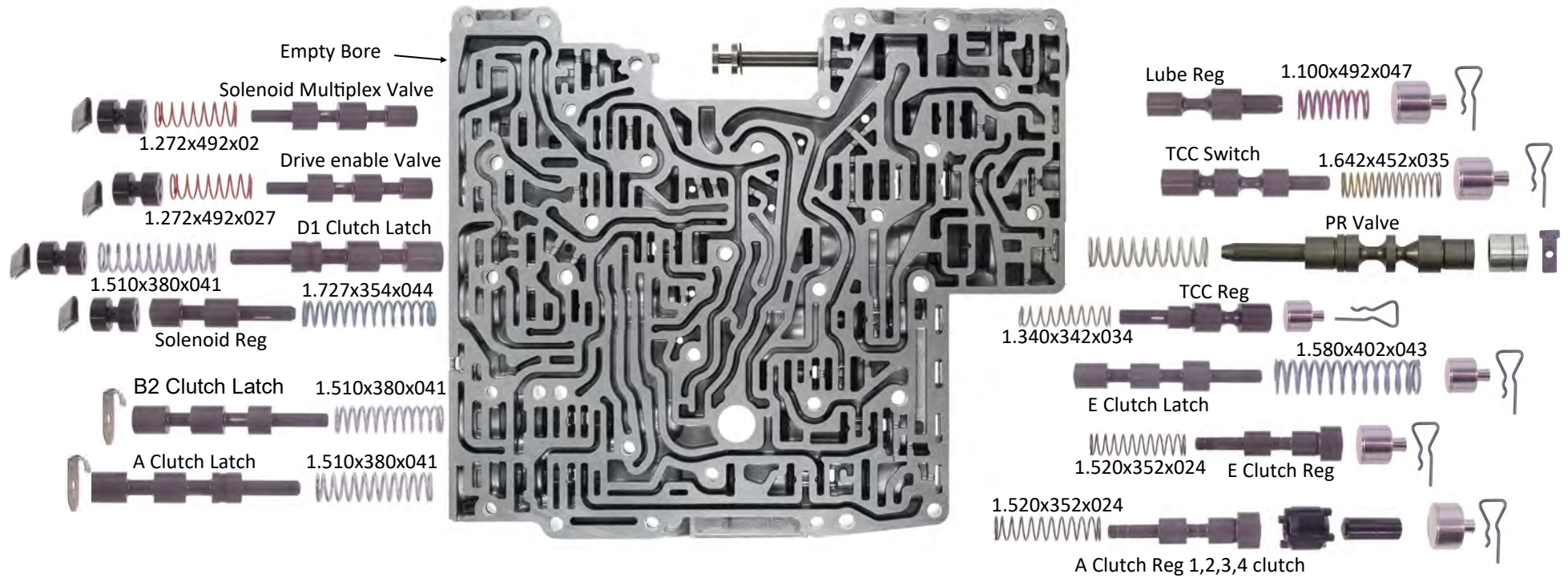
Ⓢ = (8) 6 MM Plastic Balls

Ⓢ = (6) Dampeners

Gen 2 Plates use bonded gaskets  
Latest Plate P/N: FL3Z-7Z490-D  
Same plate with or without start stop.



### Additional Information- Typical Gen 2 Valve Layout.



Non-start stop casting shown,  
valve layout is the same for both.