

## 6T40-PDP-OS Pulse Damper Piston Repair

6T-PDP-TK Tool kit required

Fits all 6T40/45 Gen 2 & 3

Five pistons & Springs Fixes:

One 6T40/45 Gen 2 or Gen 3 VB

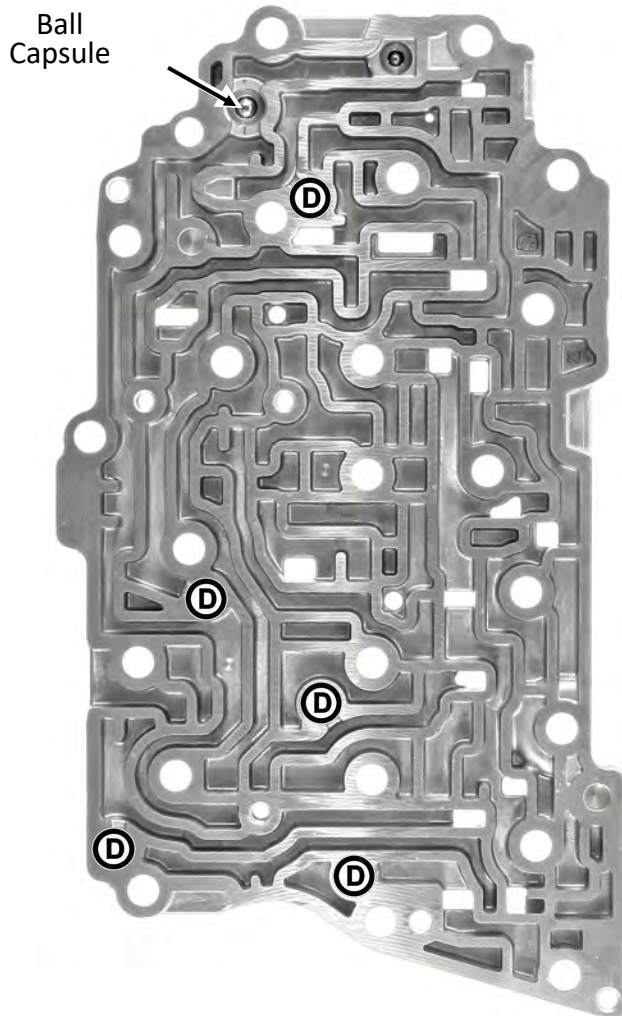


5 oversize dampener & springs  
are included in this kit:



6T40 Gen 2 Channel Casting  
Has Five Pulse Damper Pistons

Ball  
Capsule



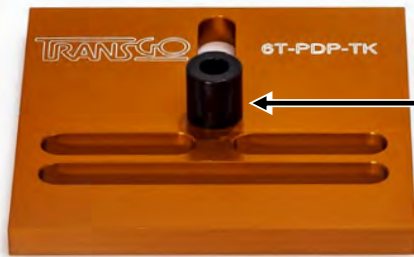
Ⓓ = Pulse Damper  
Locations

Closed  
End



All 6T40 Gen 2 Install Spring 1st  
into casting with open end of  
piston towards spring.

Even a little wiggle has a significant effect on solenoid pressure to the controlling clutch regulator valves. Flare shifts, harsh shifts or erratic shifts are a result of poor clutch control. A worn dampener must be corrected to provide a smooth solenoid signal to the clutch regulator it serves. The smoother the solenoid signal, the more consistent and cleaner the shifts will be.



Jig Tool

**Step 1.** Install Threaded bushing into Jig tool on the side shown and tighten with pliers.

Heads up this is a carbide reamer for longer tool life. Always return it to its plastic sleeve to protect it. Carbide chips if allowed to roll around in a tool box.

Tools shown on this page are not included in this kit. Need tools? Order TransGo p/n **6T-PDP-TK**



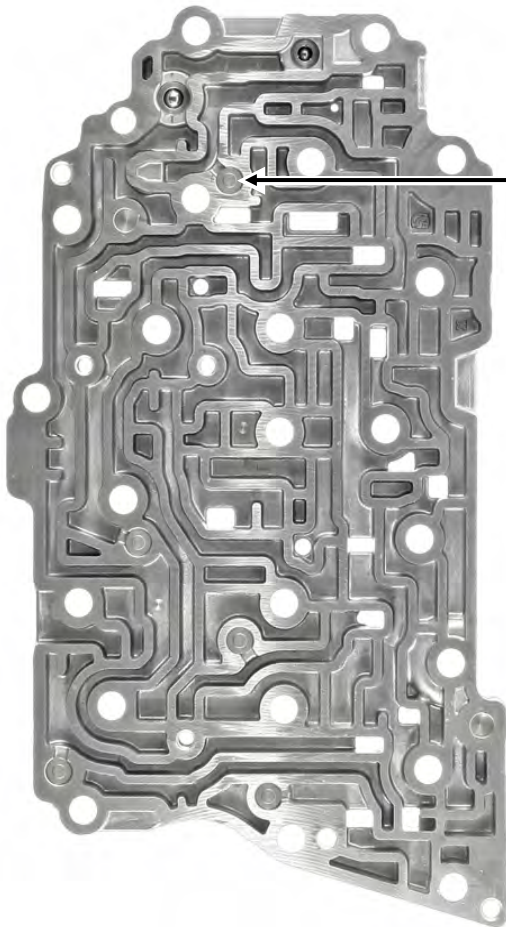
Bolts & Wing Nuts



Reamer



Alum Washers



**Step 2.** Install small end of lineup pin into the dampener hole to be reamed.



Lineup Pin

**Step 3.** Place jig with bushing over lineup pin and rotate jig until two bolt holes lineup in jig slots. **Always use** the thick aluminum washers **on both sides** to protect VB & Jig. Tighten down jig with supplied bolts, thick washers and & wing nuts. Remove lineup pin and its ready to ream.

**Step 4.** Use lots of WD-40 and **low speed** on your favorite portable drill and 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. Keep an extra set of **6T40-PDP-OS** dampeners on hand. You'll need them for the next job!

