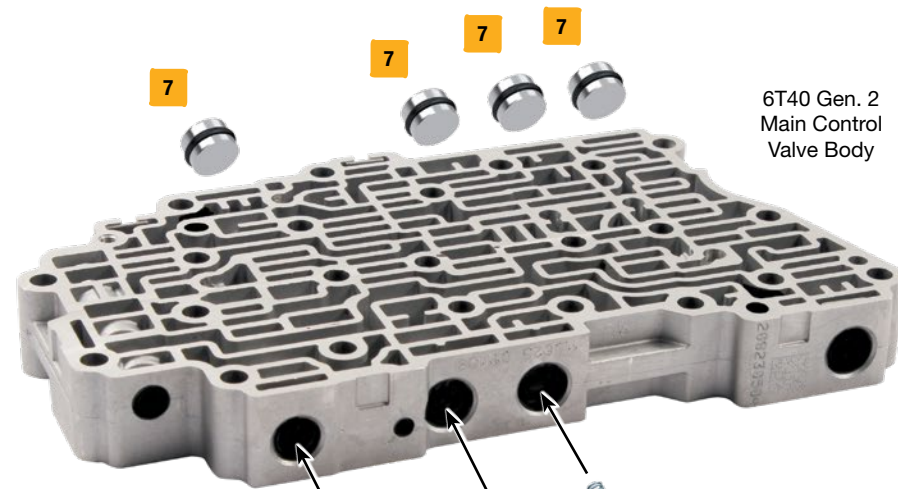


# GM 6T30/40/45/50 (Gen. 2), Gen. 3 6T40

Gen. 3 6T40 applications include 6T35, 6T31, 6T41, 6T46 and 6T51.

# sonnax®

Click on part numbers for product details or visit [www.sonnax.com](http://www.sonnax.com) to see all products for the unit(s) shown here.



6T40 Gen. 2  
Main Control  
Valve Body



6T40 Gen. 2  
Pump  
Assembly



6T40 Gen. 3  
Pump  
Assembly



See kit components at [www.sonnax.com](http://www.sonnax.com).

Symptoms/Part Type	Product Name	Part No.	Details	ZIP Drop-In Zip Valve™ Parts	Tooling
<b>Multiple Symptoms</b>					
The first step in correcting common shift problems	Zip Kit®	6T40-GEN2-3-ZIP	ZIP		
<b>TCC/Lockup Symptoms</b>					
Excess TCC slip, Low cooler flow, Overheating, Low converter & lube flow, TCC codes	Oversized TCC Control Valve Kit	1 144510-05K	Fits Gen. 2 6T30/40/45/50 units only		F-144510-TL5C*
Code P0741, P0742, No lockup, TCC slip, Loss of fuel economy, Low TCC apply pressure	TCC Regulator Valve Kit	2 144740-38K	ZIP		
Code P0741, Code 742, No lockup, TCC slip, Loss of fuel economy, Low TCC apply pressure	Oversized TCC Regulator Valve Kit	2 144740-16K			F-144740-TL16*
<b>Pressure Problems</b>					
Burnt clutches, Low line pressure, Line pressure instability, Shift concerns	Pressure Regulator Valve Kit	3 144510-17K	ZIP Fits Gen.3 6T35/31/41/46/51 only		
Burnt clutches, Erratic line pressure, Low converter & lube flow, Overheating	Oversized Pressure Regulator Valve Kit	4 144510-12K	Fits Gen. 2 6T30/40/45/50 units only		F-144510-TL12C*
<b>Shift/Engagement Concerns</b>					
No 4th, No 5th, No 6th, Low clutch oil pressure, Harsh shifts, Flare shifts	Oversized Actuator Feed Limit Valve	5 144740-01			144740-TL
	Actuator Feed Limit Valve Kit	6 144740-39K	ZIP		
Pressure loss, Burnt clutches, Shift concerns, TCC apply concerns	O-Ringed End Plug Kit	7 144510-14K	ZIP Includes 6 end plugs		

\* VB-FIX Required