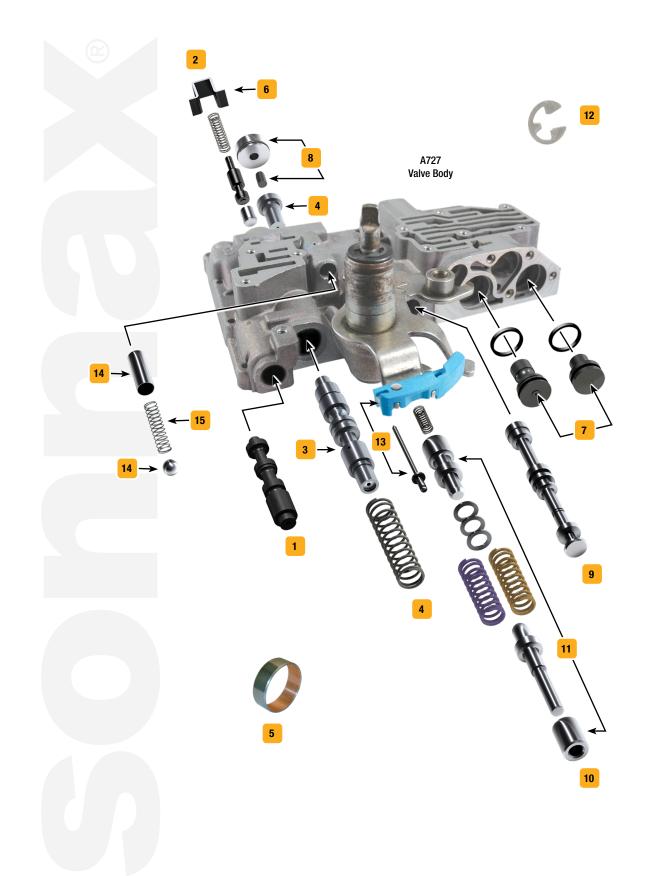
## Chrysler A727, A904





Symptoms/Part Type	Product Name		Part No.	Details	Drop-In Zip Valve <sup>™</sup> Parts	Tooling
TCC/Lockup Symptoms						
Lockup shudder, Overheated converter, Low cooler flow, Soft TCC apply	4-Spool Switch Valve	1	22771A-01	ZIP '93-Later, improved Sonnax design		
Lockup shudder, Overheated converter, Lost or damaged component	4-Spool Switch Valve	1	22771A-43	ZIP '93-Later, OE design		
Lockup shudder, Overheated converter, Low cooler flow, Soft TCC apply	Oversized 4-Spool Switch Valve	1	22771A-13	'93-Later, improved Sonnax design		22771A-TL13
TCC slip under load, Overheated converter, No line rise during TCC apply in 4th, No lockup	Oversized Lockup Boost Valve Kit	2	22771-19K	'94-Later with boost oil delivery tube		F-22771-TL19*
Pressure Problems						
Delayed engagement, Converter bushing failure, Pressure regulator buzz, Lube failures	Lube Regulated Pressure Regulator Valve	3	22771A-10K	<b>ZiP</b> '62–'77		
Delayed engagement, Pressure regulator buzz, Converter drain back, Lube failures	Lube Regulated Pressure Regulator Valve	3	22771A-02K	ZIP '78-Later		
	Oversized Lube Regulated Pressure Regulator Valve Kit	4	22771A-07K	OE valve must match '78-later design		F-22771A-TL7*
Delayed engagement, Pressure regulator buzz, Lost or damaged component	Pressure Regulator Valve	3	22771A-42	ZIP '78-Later, OE 4130169		
Pump seal leakage, Pump noise, Loss of prime, Low pump volume, Low cooler flow, TCC codes	Pump Bushing	5	12502-01	Precision, 5/bag		
Shift/Engagement Concerns						
Leakage of 4th & TCC oil pressure, Slipping gears	Boost Valve Spring Retainer	6	22990-01	5/Bag		
1-2 Shuttle, 2-3, 3-2 Oversensitive, Early upshifts	Governor Bore Plug Kit	7	22771-14K	ZiP		
Reverse slip, Poor line pressure control, Poor Forward & Reverse engagement, Soft Reverse	Line Pressure Plug & Sleeve Kit	8	22229-01K	ZIP A727 with boost tube only, .200" plug dia.		
	Line Pressure Plug & Sleeve Kit	8	22229-04K	ZIP A727 with boost tube only, .264" plug dia.		
Delayed engagement, No cooler flow in Park, Converter bushing failure	Manual Valve	9	22771-09	<b>Z!P</b> For use in conjunction with '78-later pressure regulator valve only		
Shift timing concerns, Throttle buzz, Poor kickdown, 2-3 Late, 3-2 Oversensitive	Throttle Valve Kit	10	22771-03K	ZiP		
	Oversized Throttle Valve Kit	11	22771-04K			F-22771-TL*
Component Damage/Failure	5 Dine	10	10000 00%		in monuted shoft 10/her	1
Lost or damaged component	E-Ring Neutral Safety Back-Up Insulator Service Kit	T	10000-03K 22229-03	For .250" d Fits '70–'02 3-terminal		
Manual lever binds in Park position, Damaged valve body casting, Linkage loose, No start	Valve Body Detent Ball & Sleeve Kit	14	22771-12K	Fits both short & long OE detent bore designs		22771-TL12
Manual lever binds, Linkage loose, No start	Valve Body Detent Spring	15	22771-36	Fits both sh designs, 5/	ort & long OE detent bore bag	
High Performance/Heavy Duty Up	grades					
Reduces throttle sensitivity, especially in diesel or other high torque applications	Heavy Duty Throttle Valve Kit	10	22771-HDK3	ZiP		
VB-FIX Required						

\* VB-FIX Required

## www.sonnax.com to see all products for the unit(s) shown here.