

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

Overheated converter, Worn splines, TCC apply Calculated Converter, Worn splines, TCC apply Valve Kit 2, 77805-K ZIP  TCC apply Concorns, Overheated converter, Loss of Jude oil TCC apply Concorns, Overheated Converter, Class of Jude oil TCC apply Concorns, Overheated Converter, Class of Jude oil TCC apply Concorns, Overheated Converter, Class of Jude oil TCC apply Concorns, Overheated Converter, Class of Jude oil TCC apply Concorns, Overheated Converter, Class of Jude oil TCC apply Concorns, Overheated Converter, Class of Jude oil TCC apply Concorns, Overheated Converter, Class of Jude oil TCC apply Concorns, Overheated Converter, Class of Jude oil TCC apply Calculated Converter, Class oil Jude oil TCC apply Calculated Converter, Class oil Jude oil TCC apply Valve Kit 2, 77917-08  Elevated Pressure Regulator Valve 5, 77917-08  Elevated Pressure Regulator Valve 5, 77917-09  Pump Sinde Pressure Regulator Valve 5, 77917-09  Elevated Pressure Regulator Valve 7, 7917-09  Elevated Pressure Regulator Valve Regulator Valve 8, 77917-08  Elevated Pressure Regulator Valve Re	Symptoms/Part Type	Product Name	Part No.	Details ZiP Drop-In Zip Valve™ Parts	Tooling
Modern transport back	Multiple Symptoms				
Stator Support Shaft Kit  1 77918-K  Stator Support Shaft Kit  2 77805-K  ZIP  TCC apply Valve Kit  2 77805-K  ZIP  TCC apply Valve Kit  3 77942-01K  TCC Solenoid Snout Kit  3 77947-08  TETAL line pressure  Elevated Pressure Main Pressure Regulator Spring  Tetal line pressure, Low line rise, Clutch slippage, Exoss pump noise, 3-4 Clutch failure  Dversized Pressure Regulator Valve  TVE Regulator Spring  TVE Sole Valve Kit  TVE Sole		The Sure Cure® Kit	SC-4L60		77917-TL
Stator Support Shaft Kit  1 779185-K includes 3 bushings  No lockup, Falles out of lockup when hot, Flield blown out fill tube  TCC Apply Valve Kit  2 77805-K  ZIP  Flield blown out fill fulbe  TCC Apply Valve Kit  1 77942-01K  TCC Solenoid Snout Kit  2 77842-01K  TCC Solenoid Snout Kit  3 77942-01K  TCC Solenoid Snout Kit  4 77917-08  Elevated Pressure Regulator Valve  5 77917-08  TCC Solenoid Snout Kit  6 65797  SrBag  TPTT-RUR Solenoid Snout Kit  7 77918-RV  Reverse Boost Valve Kit  8 77898-A  ZIP Large ratio, O-ring style  Reverse Boost Valve Kit  10 77917-03K  TIP Large ratio, O-ring style  TV Boost Valve Kit  10 77917-03K  TIP April Bore dia, factory style  TV Boost Valve Kit  10 77917-03K  TIP April Bore dia, factory style  TV Boost Valve Kit  10 77917-03K  TIP April Bore dia, factory style  TV Boost Valve Kit  10 77917-04K  TIP April Bore dia, factory style  TV Boost Valve Kit  10 77917-04K  TIP April Bore dia, factory style  Trottle Valve  Trottle Valve  12 77988-0-0  Trottle Valve  Trottle Valve  Trottle Valve  12 77988-0-0  Trottle Valve Plunger Kit  13 77966-94M  Tottle Valve Plunger Kit  14 7777TL-K  Trottle Valve Plunger Valve Kit  15 77905-94M  Trottle Valve Plunger Valve Kit  16 7777TL-K  Trottle Valve Plunger Valve Kit  17 7777TL-K  Trottle Valve Plunger Valve Kit  18 7777TL-K  Trottle Valve Plunger Valve Kit  Trottle Valve Plunger Valve Kit  Trottle	TCC/Lockup Symptoms			_	
Titled Blobwn out fill tube Titled Apply Valve Art Titled Apply Concerns, Overheated converter, Loss of lube oil Titled Apply Valve Art T	· · · · · · · · · · · · · · · · · · ·	Stator Support Shaft Kit	1 77918S-K	reluctor style, universal bolt pattern,	
LCS of lub coll		TCC Apply Valve Kit	2 77805-K	ZiP	
Low base line pressure Regulator Spring  Fratic line pressure, Low line rise, Clutch slippage, Excess pump noise, 3-4 Clutch flailure  Low line pressure, High line pressure  Low line pressure, High line pressure  Low line pressure  Low line pressure  Pump Spring Spacer  Pump Spring Spring Spacer  Pump Spr		TCC Solenoid Snout Kit	3 77942-01K		
Erratic line pressure, Low line rise, Clutch failure   Deversized Pressure Regulator Valve   S   77917-06	Pressure Problems				
Silppage, Excess pump noise, 3-4 Clutch failure  Low line pressure, High line pressure  Pump Slide Pivot Pin  6 66797 5/Bag  Pump Spring Spacer  7 77917-RV 10/Bag  ZIP Large ratio, 0-ring style  Reverse Boost Valve Kit  8 K77898 ZIP Large ratio, factory style  Shortened TV Link  9 77872-01 5/Bag  ZIP Large ratio, 1-ring style  Reverse Boost Valve Kit  10 77917-03K ZIP 4-ril Bore dia., factory style  TV Boost Valve Kit  10 77917-03K ZIP 4-ril Bore dia., factory style  TV Boost Valve Kit  10 77917-02K ZIP 4-71" Bore dia., factory style  TV Boost Valve Kit  10 77917-02K ZIP 4-71" Bore dia., factory style  TV Boost Valve Kit  10 77917-04K ZIP 4-71" Bore dia., factory style  TV Boost Valve Kit  10 77917-04K ZIP 4-71" Bore dia., factory style  TV Boost Valve Kit  10 77917-04K ZIP 4-71" Bore dia., factory style  TV Boost Valve Kit  10 77917-04K ZIP 4-71" Bore dia., factory style  TV Boost Valve Kit  10 77917-04K ZIP 4-71" Bore dia., factory style  Trough Spring  Throttle Valve  12 77968-02 ZIP Aluminum sleeved & non-sleeved units  Throttle Valve  12 77968-02 ZIP Aluminum sleeved units  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Valve Kit  Throttle V	Low base line pressure		4 77917-08		
Erratic line pressure    Pump Spring Spacer   7 77917-RV   10/Bag	slippage, Excess pump noise, 3-4 Clutch	Oversized Pressure Regulator Valve	5 77917-06		77917-TL, 77917-TLC
Low Reverse boost, Delayed Reverse, Low line pressure, Poor upshift in manual low Low line rise, Soft shifts, 3-4 Clutch failure, 3-4 Band failure  Soft slide shifts, 3-4 Clutch burned, Reduced band life  TV Boost Valve Kit  TV Flose Boost Valve Kit  TV Flose Boost Valve Kit  TV Boost Valve Kit  TV Boost Valve Kit  TV Boost Valve Kit  TV Flose Boost Valve Kit  TV Fl	Low line pressure, High line pressure	Pump Slide Pivot Pin	6 65797	5/Bag	
Reverse Boost Valve Kit   8 K77898A   ZIP Large ratio, factory style	Erratic line pressure	Pump Spring Spacer	7 77917-RV	10/Bag	
Low line rise, Soft shifts, 3-4 Clutch failure, 3-4 Soft shifts, 3-4 Clutch burned, Reduced band life  TV Boost Valve Kit  TV	Low Reverse boost, Delayed Reverse, Low	Reverse Boost Valve Kit	8 K77898	ZIP Large ratio, 0-ring style	
3-4 Band failure  Soft slide shifts, 3-4 Clutch burned, Reduced band life  TV Boost Valve Kit  Trottle Valve  TV Boost Valve Kit  Trottle Valve  TV Boost Valve Kit  Throttle Valve  TV Boost Valve Kit  Throttle Valve  Trop68-02  ZIP Aluminum sleeved & non-sleeved units  Not compatible with early '82-'90 aluminum sleeved units  Trottle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Valve Kit  Trop66-94K  ZIP '87-Later auxiliary valve body styles only, 'M' version valve train in heavy vehicles, 331'' dia.  Component Damage/Failure  Accumulator Valve Train Kit  Accumulator Valve Train Kit  Accumulator Valve Train Kit  Trop66-94K  ZIP '87-Later auxiliary valve body styles only, 'M' version valve train in light/medium vehicles, 330'' dia.  Component Damage/Failure  Bushing  Bushing  Bushing  Trop66-94K  Trop66-94K  ZIP '87-Later auxiliary valve body styles only, 'M' version valve train in light/medium vehicles, 330'' dia.  Component Damage/Failure  Bushing bushing  Bushing Trop02B  Trop66-94K  Trop66-94K  Trop66-94K  Trop66-94K  Trop66-94K  Trop66-94K  Trop66-94K  Trop66-94K  Trop777M-K  Trop66-94K  Trop777M-K  Trop66-94K  Trop777M-K  Trop66-94K  Trop777M-K  Trop66-94K  Trop777M-K  Trop66-94K  Trop77	line pressure, Poor upshift in manual low	Reverse Boost Valve Kit	8 K77898A	ZIP Large ratio, factory style	
Soft slide shifts, 3-4 Clutch burned, Reduced band life  TV Boost Valve Kit  TV Boost		Shortened TV Link	9 77872-01	5/Bag	
band life  TV Boost Valve Kit  TV Plunger Spring  11 77968-01K  5/Bag  Low line rise, Pin bore wear, Soft upshifts, Premature 3-4 clutch failure, Early upshifts  Low line rise, 3-4 Clutch & band failure  Oversized Throttle Valve  12 77968-02  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Train Kit  Throttle Valve Plunger Kit  Throttle Valve Train Kit  Throttle Valve Plunger Kit  Throttle Valve Flunger Kit  Throttle Valve Train Kit	Soft slide shifts, 3-4 Clutch burned, Reduced band life	TV Boost Valve Kit	10 77917-03K	ZIP .471" Bore dia., factory style	
Low throttle pressure, Low line pressure Low line rise, Pin bore wear, Soft upshifts, Premature 3-4 clutch failure, Early upshifts Low line rise, 3-4 Clutch & band failure  Oversized Throttle Valve  12 77968  Oversized Throttle Valve  12 77968  Not compatible with early '82-'90 aluminum sleeved units  Low line rise, 3-4 Clutch & band failure  Low line rise, Early upshifts, Premature 3-4 clutch failure  Throttle Valve Plunger Kit Throttle Valve Plunger Valve Kit Throttle Valve Plunger Kit Throttle Valve Flunger Kit Throttle Valve Plunger Kit Throttle Valve		TV Boost Valve Kit	10 77917-02K	<u> </u>	
Low line rise, Pin bore wear, Soft upshifts, Premature 3-4 clutch failure, Early upshifts  Low line rise, 3-4 Clutch & band failure  Oversized Throttle Valve  12 77968		TV Boost Valve Kit	<b>10</b> 77917-471	77917-471 ZiP .471" Bore dia., 0-ring style	
Premature 3-4 clutch failure, Early upshifts  Low line rise, 3-4 Clutch & band failure  Oversized Throttle Valve  12 77968  Oversized Throttle Valve  13 77966-94MK  Low line rise, Early upshifts, Soft upshifts, Premature 3-4 clutch failure  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Kit  Throttle Valve Fixed Plane  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Fixed Plane  Throttle Valv	Low throttle pressure, Low line pressure	TV Plunger Spring	11 77968-01K	5/Bag	
Low line rise, 3-4 clutch & band failure  Low line rise, Early upshifts, Soft upshifts, Premature 3-4 clutch failure  Throttle Valve Plunger Kit Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Valve Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Plunger Kit  Throttle Valve Flands  Throttle Valve Flan	· · · · · · · · · · · · · · · · · · ·	Throttle Valve	77968-02		
Low line rise, Early upshifts, Soft upshifts, Premature 3-4 clutch failure  Throttle Valve Plunger Valve Kit  Train Kit  Tra	Low line rise, 3-4 Clutch & band failure	Oversized Throttle Valve	<b>12</b> 77968		77968-RM‡
Shift/Engagement Concerns    Accumulator Valve Train Kit   14   77777M-K   Stip '87-Later auxiliary valve body styles only, "M" version valve train in heavy vehicles, .341" dia.	Low line rise, Early upshifts, Soft upshifts, Premature 3-4 clutch failure			below three-quarter throttle	
Accumulator Valve Train Kit  14 77777M-K  2 IP '87-Later auxiliary valve body styles only, "M" version valve train in heavy vehicles, .341" dia.  2 IP '87-Later auxiliary valve body styles only, "L" version valve train in light/medium vehicles, .330" dia.  Component Damage/Failure  Worn pump bushing  Bushing		Throttle Valve Plunger Valve Kit	13 77966-94K	ZIP OE plungers with code 94	
Accumulator Valve Train Kit  1-2 Bang at light throttle, Reduced 2-4 band life  Accumulator Valve Train Kit  1-2 Bang at light throttle, Reduced 2-4 band life  Accumulator Valve Train Kit  1-2 Bang at light throttle, Reduced 2-4 band life  Accumulator Valve Train Kit  1-2 Bang at light throttle, Reduced 2-4 band life  Accumulator Valve Train Kit  1-2 Bang at light throttle, Reduced 2-4 band life  Accumulator Valve Train Kit  1-3 T7777L-K  Styles only, "M" version valve train in heavy vehicles, .341" dia.  7.1 P '87-Later auxiliary valve body styles only, "L" version valve train in light/medium vehicles, .330" dia.  Component Damage/Failure  Worn pump bushing  Bushing  Bushing  Pump Vane  Bushing wear, Bushing failure  Rear Stator Support Bushing  Stator Support Bushing  Bushing wear, Bushing failure  Bushing wear, Bushing fai	Shift/Engagement Concerns			(#11) 107   store see: "	
Accumulator Valve Train Kit   14 77777L-K   ZIP '87-Later auxiliary valve body styles only, "L" version valve train in light/medium vehicles, .330" dia.	1-2 Bang at light throttle, Reduced 2-4 band life	Accumulator Valve Train Kit	14 77777M-K	styles only, "M" version valve train in	
Worn pump bushing  Bushing  Pump Vane  Rear Stator Support Bushing  Bushing wear, Bushing failure  Rear Stator Support Bushing  Precision, PTFE-lined  Wiler, improved fit & longer lasting  Rear Stator Support Bushing  TV Boost Valve Kit  Precision, PTFE-lined  Tip 77002B  Precision, Wider than 0E  84-Later, 1.004" I.D., precision  Pathology  19 700R4-LB1  Tip  Tip  Tip  Tip 19 7002BT-01  Tip 19 7002BT-01  Precision, PTFE-lined  TV Boost Valve Kit  To 77917-04K  Replaces 2 0E springs, 5/bag  Precision, PTFE-lined  TV Boost Valve Kit  To 77917-04K		Accumulator Valve Train Kit	14 77777L-K	styles only, "L" version valve train in	
Lost or damaged component  Pump Vane  Rear Stator Support Bushing  Bushing wear, Bushing failure  Rear Stator Support Bushing  Replaces 2 OE springs, 5/bag  Wider, improved fit & longer lasting  Rear Stator Support Bushing  Rear Stator Support Bushing  Rear Stator Support Bushing  Rear Stator Support Bushing  TV Boost Valve Kit  Replaces 2 OE springs, 5/bag  Rear Stator Support Bushing  TV Boost Valve Kit  Replaces 2 OE springs, 5/bag  Precision, PTFE-lined  TV Boost Valve Kit  TV Boost Valve Kit  TV Boost Valve Kit  Replaces 2 OE springs, 5/bag  Rear Stator Support Bushing  TV Boost Valve Kit  TV Boost Valve Kit  TV Boost Valve Kit	Component Damage/Failure				
Bushing wear, Bushing failure  Rear Stator Support Bushing  Stator Support Bushing  17 77002B  Precision, wider than 0E  Stator Support Bushing  18 35007A  184-Later, 1.004" I.D., precision  Wider, improved fit & longer lasting  Rear Stator Support Bushing  19 700R4-LB1  ZIP  Replaces 2 0E springs, 5/bag  Wider, improved fit & longer lasting  Rear Stator Support Bushing  TV Boost Valve Kit  10 77917-04K  ZIP .500" Bore dia., factory style	Worn pump bushing	Bushing	15 77005T	Precision, PTFE-lined	
Stator Support Bushing  High Performance/Heavy Duty Upgrades  Classic, large-ratio boost valve for crisp, clean shifts without harshness  Maintains high volume slide position at high RPM  Pump Slide Spring  Rear Stator Support Bushing  18 35007A  18 4-Later, 1.004" I.D., precision  700R4-LB1  ZiP  Replaces 2 0E springs, 5/bag  Wider, improved fit & longer lasting  Rear Stator Support Bushing  TV Boost Valve Kit  10 77917-04K  ZiP .500" Bore dia., factory style	Lost or damaged component	Pump Vane	16 1280	Koyo® (0E), 100/bag	
High Performance/Heavy Duty Upgrades  Classic, large-ratio boost valve for crisp, clean shifts without harshness  Maintains high volume slide position at high RPM  Pump Slide Spring  Wider, improved fit & longer lasting  Rear Stator Support Bushing  TV Boost Valve Kit  19 700R4-LB1  ZIP  Replaces 2 OE springs, 5/bag  Precision, PTFE-lined  TV Boost Valve Kit  10 77917-04K  ZIP .500" Bore dia., factory style	Rushing wear Rushing failure			<u> </u>	
Classic, large-ratio boost valve for crisp, clean shifts without harshness  Maintains high volume slide position at high RPM  Pump Slide Spring  Pump Slide Spring  20 77722-01K  Replaces 2 0E springs, 5/bag  Wider, improved fit & longer lasting  Rear Stator Support Bushing  TV Boost Valve Kit  19 700R4-LB1  ZIP  Replaces 2 0E springs, 5/bag  Precision, PTFE-lined  TV Boost Valve Kit  10 77917-04K  ZIP .500" Bore dia., factory style			18 35007A	'84-Later, 1.004" I.D., precision	
clean shifts without harshness  Maintains high volume slide position at high RPM  Pump Slide Spring  20 77722-01K  Replaces 2 0E springs, 5/bag  Wider, improved fit & longer lasting  Rear Stator Support Bushing  TV Boost Valve Kit  19 700R4-LB1  ZIP  Replaces 2 0E springs, 5/bag  Precision, PTFE-lined  TV Boost Valve Kit  10 77917-04K  ZIP .500" Bore dia., factory style	<u> </u>	gradės -			
RPM Pump Side Spring 20 77722-01K Replaces 2 DE springs, 5/Dag  Wider, improved fit & longer lasting Rear Stator Support Bushing 21 77002BT-01 Precision, PTFE-lined  TV Boost Valve Kit 10 77917-04K ZiP .500" Bore dia., factory style	clean shifts without harshness	Line Pressure Booster Kit	19 700R4-LB1	ZiP	
Highest TV hoost ratio for maximum line rise  TV Boost Valve Kit  10 77917-04K  ZIP .500" Bore dia., factory style	RPM		<u> </u>		
Highest TV hoost ratio for maximum line rise	Wider, improved fit & longer lasting	Rear Stator Support Bushing	21 77002BT-01	Precision, PTFE-lined	
TV Roost Valve Kit 10 77917-500 7 ID 500" Rore dia O-ring style	Highest TV hoost ratio for maximum line rise	TV Boost Valve Kit	10 77917-04K		
17 Doost valve Kit	mgmoot is boot ratio for maximum life floc	TV Boost Valve Kit	<b>10</b> 77917-500	ZIP .500" Bore dia., 0-ring style	

‡ No longer in production. Check with your distributor for availability.

1 18	4L60 Valve Body	Table 13	12		
1 17 21 SONNAX PERFORMANCE SONNAX	2	4L60 Pump Cover	T 10	6	
PERFORMANCE Line Pressure Booster Kit  Transmission Reconditioning Kit  With the Warner Reconditioning Kit  Reconditioning Kit	See kit components at www.sonnax.com.	7	6	20	16