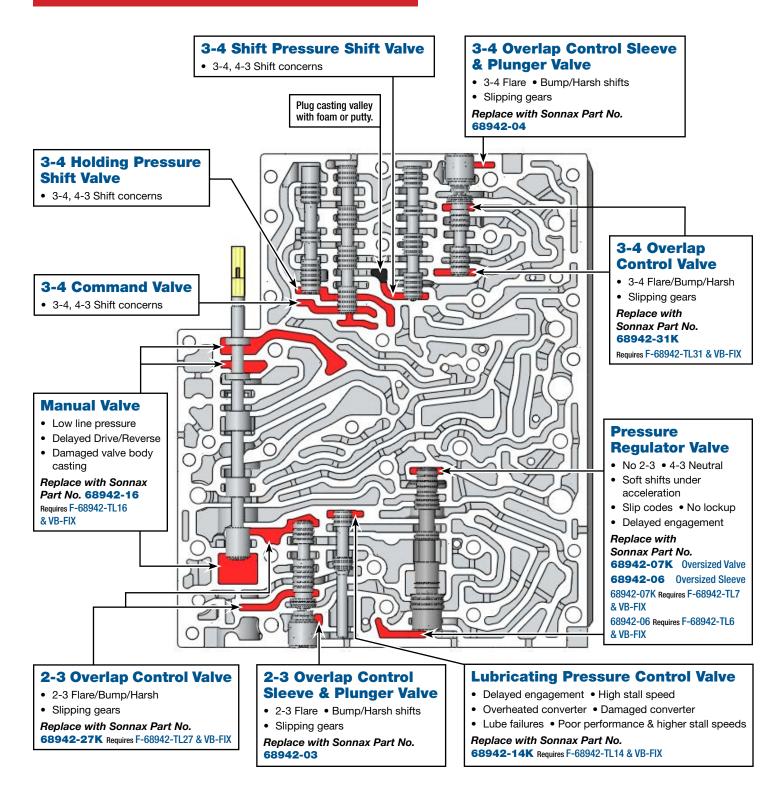
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Critical Wear Areas & Vacuum Test Locations

NOTE: OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear and Sonnax parts are noted for replacement.

Click on Sonnax part numbers to see more information.



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Click on Sonnax part numbers to see more information.

Regulating Valve Pressure Control

Critical Wear Areas & Vacuum Test Locations

NOTE: OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear.and Sonnax parts are noted for replacement.

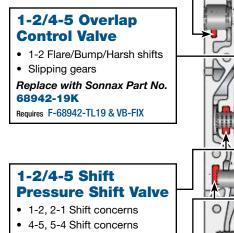
20¹⁵10 25 30 0 VACUUM TEST

Shift Valve Pressure Regulating Valve Shift concerns, all Forward gears Shift Pressure Regulating Valve Shift concerns, all Forward gears Shift codes

1-2/4-5 Overlap Control Sleeve & Plunger Valve

Lower Valve Body

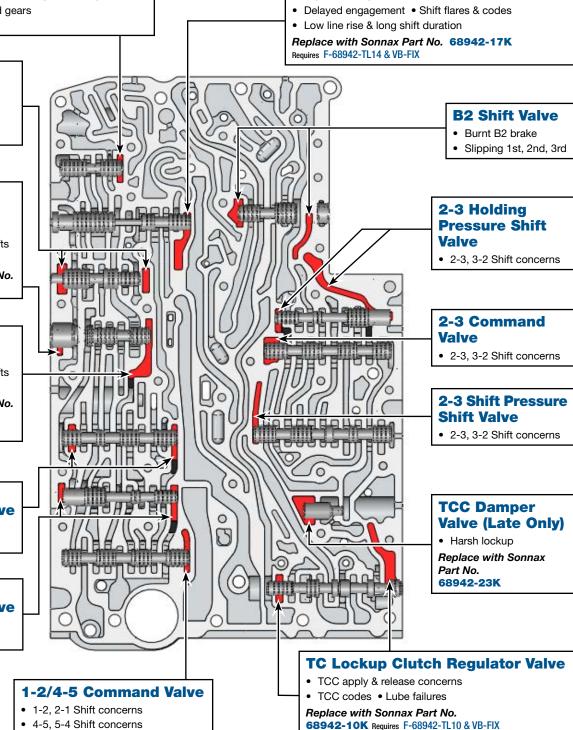
- 1-2 Flare/Bump/Harsh shifts
- Slipping gears
- Replace with Sonnax Part No. 68942-02



1-2/4-5 Holding Pressure Shift Valve

- 1-2, 2-1 Shift concerns
- 4-5, 5-4 Shift concerns

Plug casting valley with foam or putty.

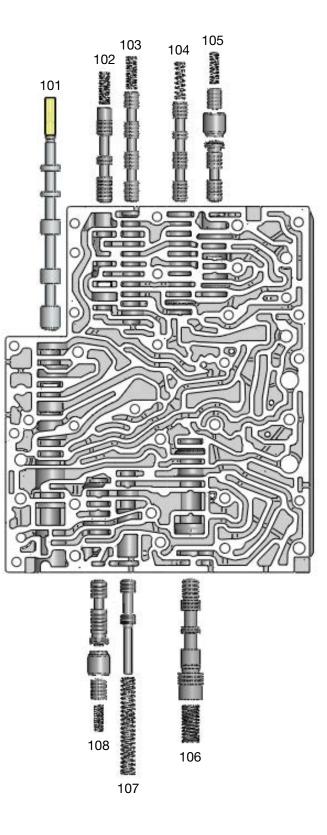


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OE Exploded View

Upper Valve Body

Upper Valve Body Descriptions				
I.D. No.	Description			
101	Selector Valve			
102	3-4 Holding Pressure Shift Valve			
103	3-4 Command Valve			
104	3-4 Shift Pressure Shift Valve			
105	3-4 Overlap Control Valve (Inboard) Sleeve & Plunger Valve (Outboard)			
106	Pressure Regulator Valve			
107	Lubricating Pressure Control Valve			
108	2-3 Overlap Control Valve (Inboard) Sleeve & Plunger Valve (Outboard)			



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OE Exploded View

Lower Valve Body	206		Lo
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	208	В	B1 Cluto
212		С	K2 Cluto
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213 211		F	K3 Cluto
		G	B2 Cluto
		Н	B3 Cluto
		Ι	K3 Shut
		J	3-4 Shif
		K	Pressure
		L	Modulat

Lower Valve Body Descriptions				
I.D. No.	Description			
201	1-2/4-5 Command Valve			
202	1-2/4-5 Holding Pressure Shift Valve			
203	1-2/4-5 Shift Pressure Shift Valve			
204	1-2/4-5 Overlap Control Valve (Inboard) Sleeve & Plunger Valve (Outboard)			
205	Shift Pressure Control Valve			
206	Regulating Valve Pressure Control Valve(s) (Early & Late)			
207	Shift Valve Pressure Control Valve			
208	B2 Shift Valve			
209	2-3 Holding Pressure Shift Valve			
210	2-3 Command Valve			
211	2-3 Shift Pressure Shift Valve			
212	TCC Damper Valve (Late only)			
213	TC Lockup Clutch Regulator Valve			

Lower Valve Body Checkball Locations

I.D.	Description	Material
А	K1 Clutch Exhaust	Steel
В	B1 Clutch Exhaust	Steel
С	K2 Clutch Exhaust	Steel
D	Torque Converter Clutch	Steel
Е	B2 Clutch Exhaust	Steel
F	K3 Clutch Exhaust	Steel
G	B2 Clutch Counter Exhaust	Steel
Н	B3 Clutch Exhaust	Steel
Ι	K3 Shuttle Ball	Plastic
J	3-4 Shift Group Shuttle Ball	Plastic
K	Pressure Reducing Shuttle Ball	Plastic
L	Modulator Pressure Shuttle Ball	Plastic

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722_6_VacTestLocations 09-25-20