Upper Valve Body

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For specific vacuum test information, refer to individual part instructions included in kits and available at **www.sonnax.com**.

Critical Wear Areas & Vacuum Test Locations ZP Drop-In Zip Valve[™] Parts Available

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. **3-4 Shift Pressure Shift Valve 3-4 Overlap Control Sleeve** & Plunger Valve • 3-4, 4-3 Shift concerns 3-4 Flare • Bump/Harsh shifts Slipping gears Plug casting valley Replace with Sonnax Part No. with foam or putty. 68942-04 **3-4 Holding Pressure** Shift Valve • 3-4, 4-3 Shift concerns 3-4 Overlap **Control Valve** 0 • 3-4 Flare/Bump/Harsh 3-4 Command Valve Slipping gears • 3-4, 4-3 Shift concerns Replace with T Sonnax Part No. 68942-31K \bigcirc Requires F-68942-TL31 & VB-FIX (TF मिन **Manual Valve** and the second s **Pressure** • Low line pressure С **Regulator Valve** • Delayed Drive/Reverse • No 2-3 • 4-3 Neutral Damaged valve body С 0 Soft shifts under casting í i acceleration Replace with Sonnax al • Slip codes • No lockup Part No. 68942-16 \mathbb{D}^{-} ÌΠ Delayed engagement Requires F-68942-TL16 & VB-FIX Replace with Sonnax Part Nos. 68942-07K Oversized Valve or 68942-06 Oversized Sleeve 68942-07K Requires F-68942-TL7 & VB-FIX 68942-06 Requires F-68942-TL6 & VB-FIX **2-3 Overlap Control** 2-3 Overlap Control **Lubricating Pressure Control Valve** Sleeve & Plunger Valve 🚀 Valve • Delayed engagement • High stall speed • Overheated converter • Damaged converter • 2-3 Flare • Bump/Harsh shifts • 2-3 Flare/Bump/Harsh • Lube failures • Poor performance & higher stall speeds Slipping gears Slipping gears Replace with Sonnax Part No. Replace with Sonnax Part No. Replace with Sonnax Part No. 68942-14K Requires F-68942-TL14 & VB-FIX 68942-27K 68942-03

Requires F-68942-TL27 & VB-FIX

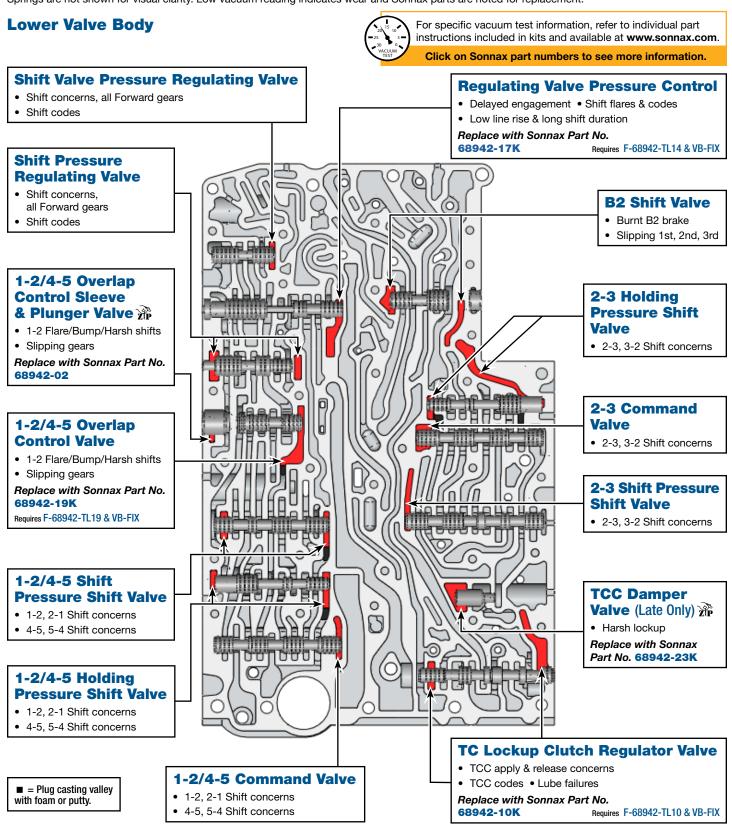
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MERCEDES 722.6/CHRYSLER NAG 1

Critical Wear Areas & Vacuum Test Locations ZP Parts Available

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.



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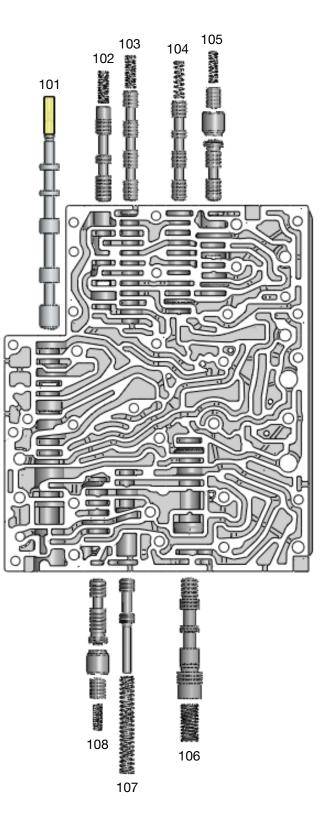
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OE Exploded View

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			
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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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