

TRANSMISSION	722.6
TRANSMISSION	722.610 in MODEL 463.209 /232 /233 /244 /245 /250
TRANSMISSION	722.611 in MODEL 463.308 /330 /331
TRANSMISSION	722.630 in MODEL 463.206 /240 /241 /243 /246 /247 /248 /249 /254
TRANSMISSION	722.637 in MODEL 461.302 /331 /332 /342 /345, 463.322 /323
TRANSMISSION	722.638 in MODEL 461.304 /334 /344 /346, 463.309 /332 /333
TRANSMISSION	722.645 in MODEL 463.270 /271

Location of regulating valve

A Area A:

- Regulating valve, working pressure
- Regulating valve, lubrication pressure
- Regulating valve, overlap of range "2-3"

B Area B:

- Range "1-2" and "4-5"
- Regulating valve, shift pressure
- Regulating valve, control valve pressure
- Regulating valve, shift valve pressure

C Area C:

- Range "3-4"

D Area D:

- Range "2-3"
- Regulating valve, torque converter lock-up clutch
- Shift valve brake band 2

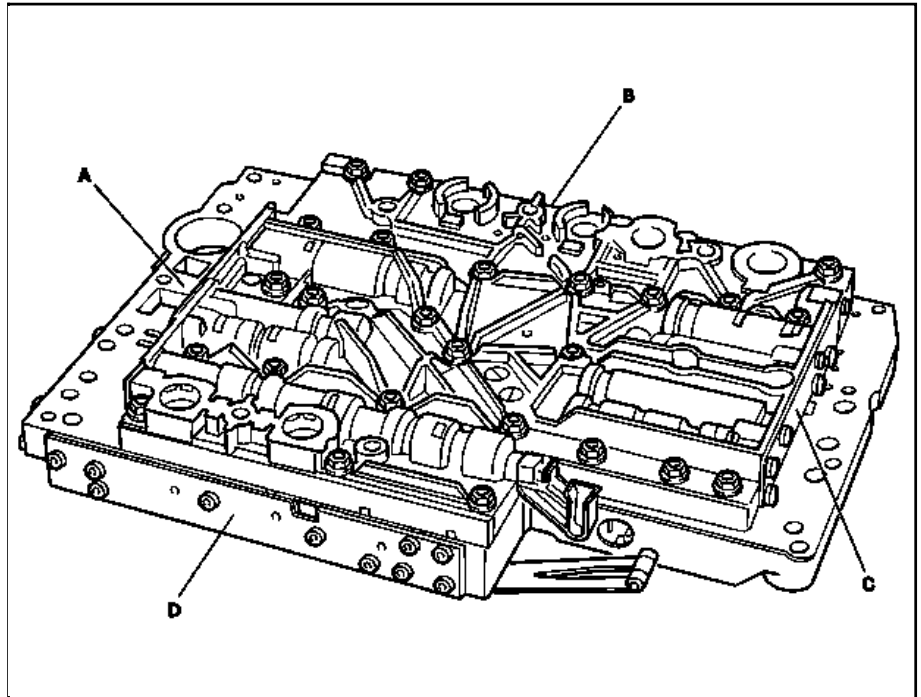
71 Screw

72 Valve body

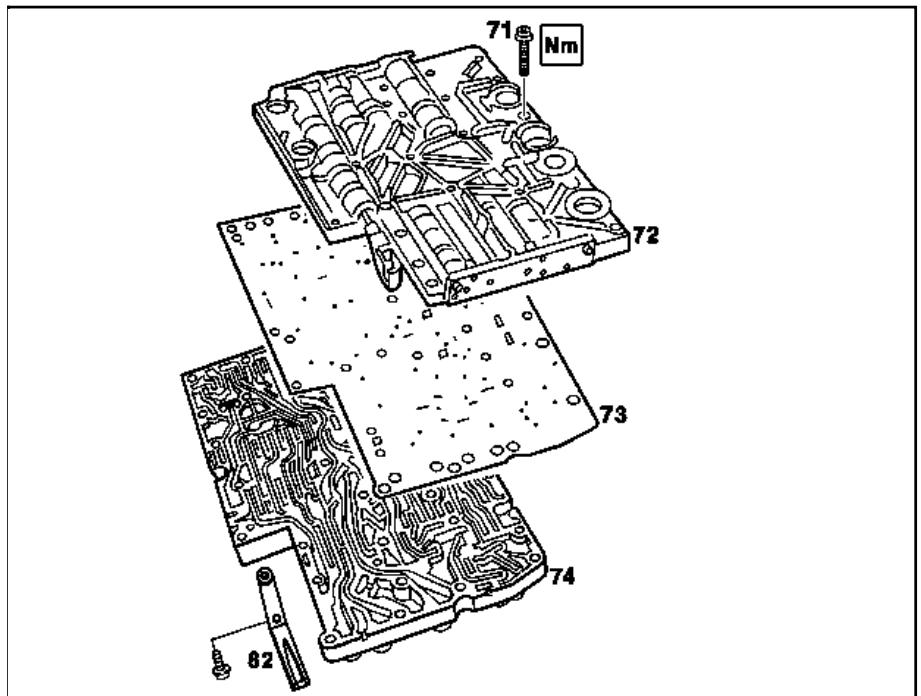
73 Sealing plate

74 Valve housing

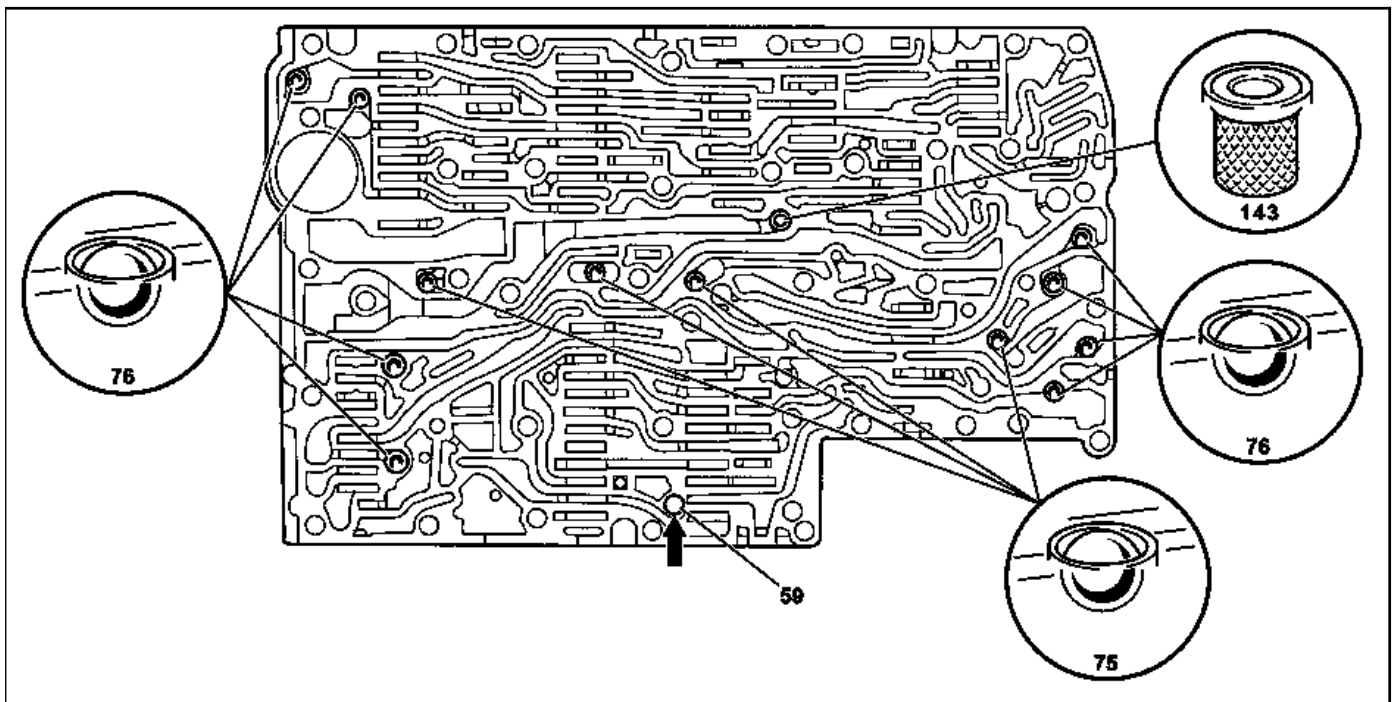
82 Leaf spring



P27.35-0209-06



P27.35-0206-06



P27.35-0213-09

59 Dowel pin

75 Plastic valve ball

143 Central filter screen

76 Steel valve ball

72 Valve body

72.1 Selector valve

72.2 Regulating valve, "2-3" overlap with sleeve and piston

72.3 Regulating valve lubrication pressure

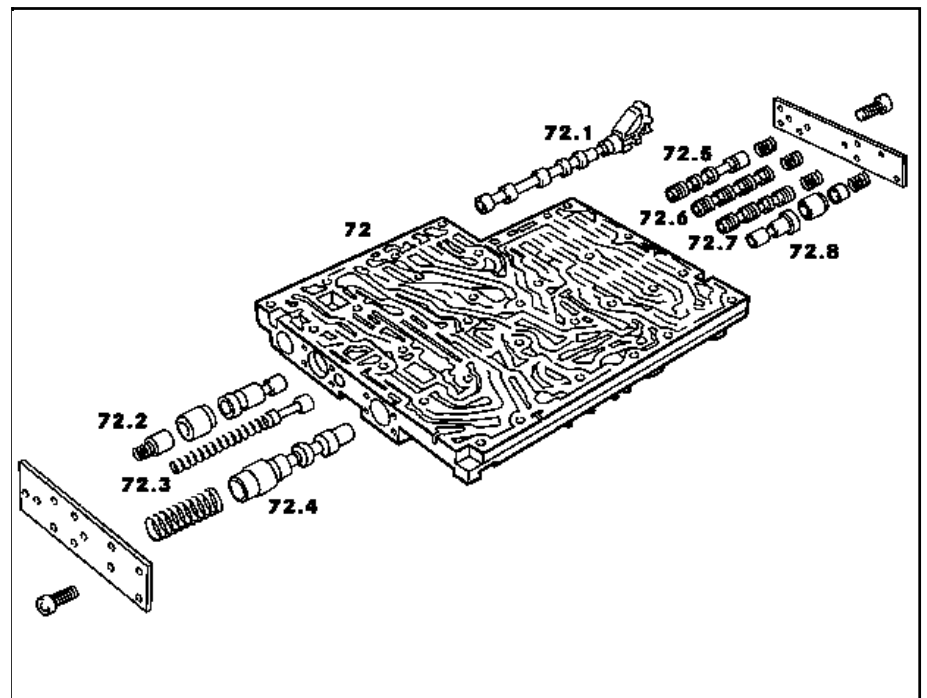
72.4 Regulating valve working pressure

72.5 Shift valve holding pressure "3-4"

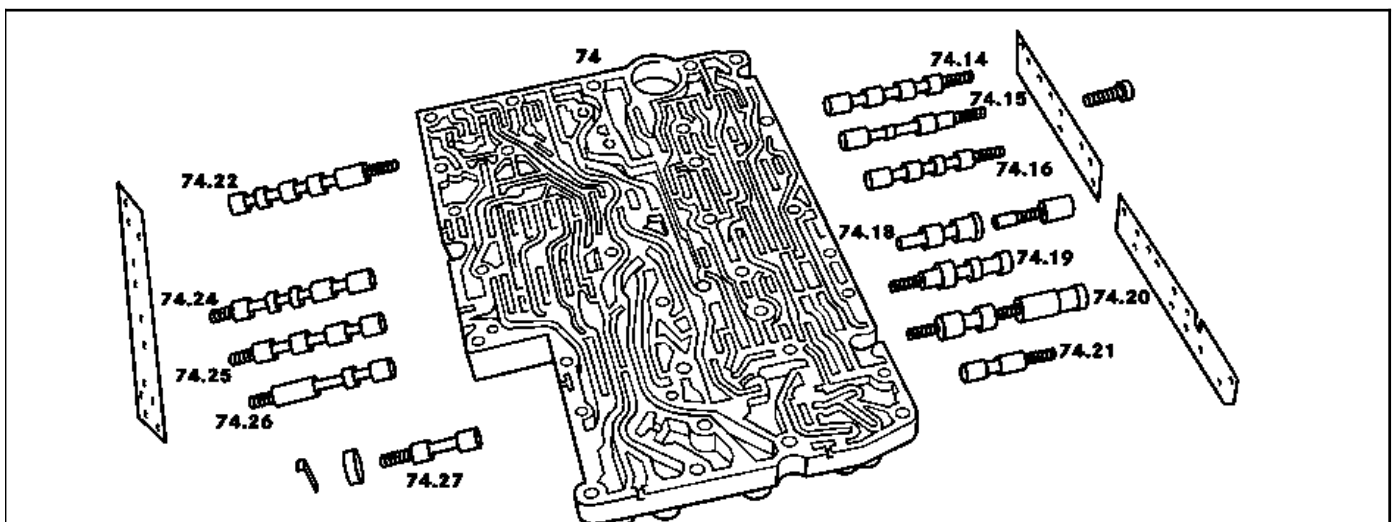
72.6 Command valve "3-4"

72.7 Shift valve shift pressure "3-4"

72.8 Regulating valve "3-4" overlap with sleeve and piston



P27.35-0210-06



74 Valve housing
74.14 Command valves "1-2" and "4-5"
74.15 Shift valve holding pressure "1-2" and "4-5"
74.18 Regulating valve overlap "1-2" and "4-5" with sleeve and piston

74.19 Shift pressure regulating valve
74.20 Regulating valve control valve pressure
74.21 Regulating valve shift valve pressure
74.22 Regulating valve torque converter lockup

74.24 "2-3" shift pressure shift valve
74.25 Command valve "2-3"
74.26 "2-3" holding pressure shift valve
74.27 Shift valve "Multi-disk brake B2"

		Disassemble/assemble		
1		Remove leaf spring (82)		
2	BT	Remove valve body (72) from valve housing (74)	<p> Assembly: Insert locating pin (59) into valve housing (74) (arrow).</p> <p></p> <p> Assembly: Observe for transmission 722.6 as of end number 0538312: Transmission 722.6</p> <p> Assembly: Observe for transmission 722.6 as of end number 0485895: Transmission 722.6</p>	<p>*BA27.35-P-1001-03A</p> <p>BT27.35-P-0004-01A</p> <p>BT27.35-P-0005-01A</p>
	BT	Strainer for modulating pressure and shift pressure control solenoid valve, new		
	BT	Strainer in inlet to converter lock-up control solenoid valve, new		
3		Remove gasket (73)	<p> Located in the valve housing (74) are four plastic valve balls (75) and eight steel valve balls (76).</p>	
4		Remove side cover from valve housing (74) and valve body (72)	<p> All the valves are only to be checked for easy movement and swarf in case of requirement</p> <p></p> <p> Assembly: The sleeves and pistons of the components</p> <ul style="list-style-type: none"> - regulating valve, "2-3" overlap with sleeve and piston (72.2), - "3-4" overlap regulating valve with sleeve and piston (72.8) - and "1-2" and "4-5" overlap regulating valve with sleeve and piston (74.18) must not be interchanged as otherwise malfunctions will occur. <p> The shift valve "multi-disk brake B2" (74.27) can only be removed and installed if the valve body (72) has been removed.</p> <p> Assembly: Observe for transmission 722.6 as of end number 0027083:</p>	<p>*BA27.35-P-1002-03A</p>
	BT	Installation of a pressure feed valve		BT27.35-P-0002-01A
5		Wash all parts and blow them clean using compressed air	<p> Ensure that parts are not blown away. Only rags made of leather should be used to clean parts.</p>	
6		Assemble in reverse order		

Tightening torques of valve housing

Number	Designation	Transmission 722.6
BA27.35-P-1001-03A	Bolt, valve body to valve housing M6x30 Nm	8
BA27.35-P-1002-03A	Bolt, side cover to valve body and valve housing M4x12 Nm	4