

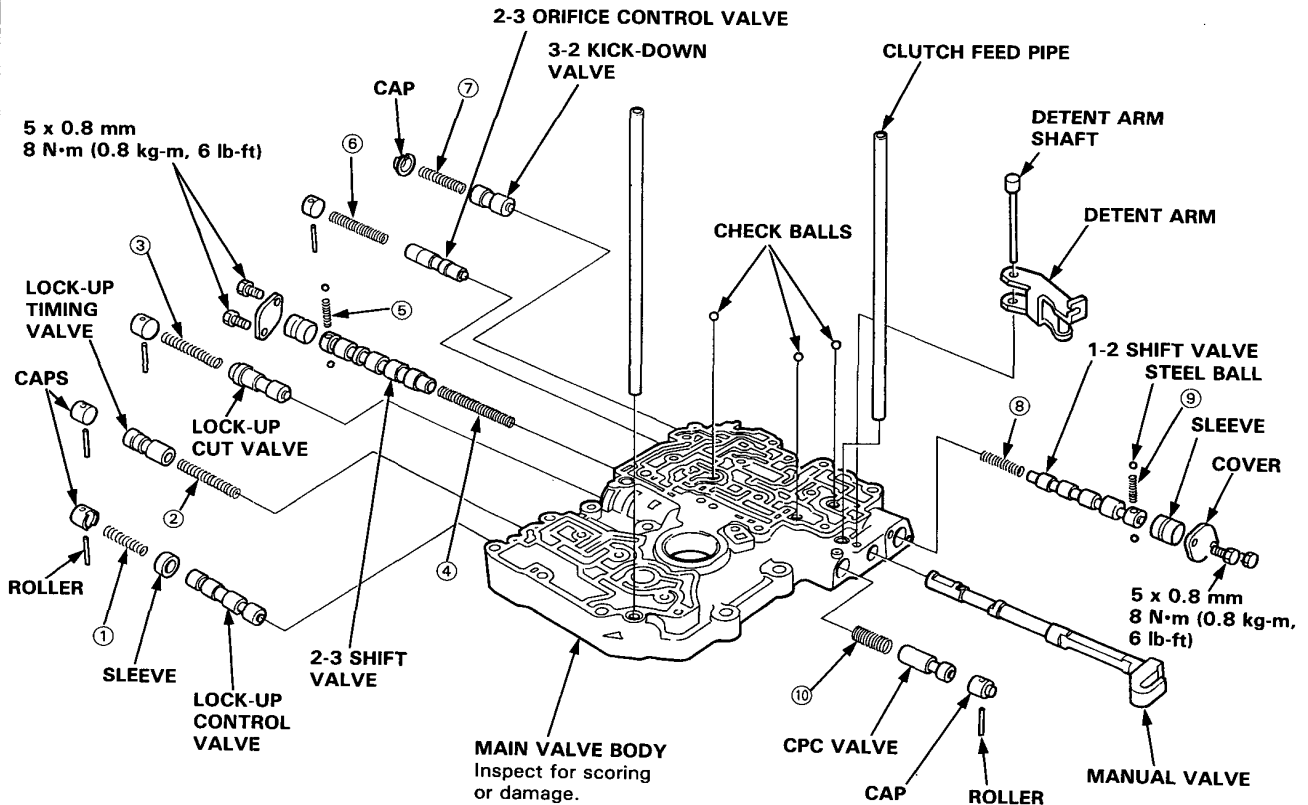
# Main Valve Body

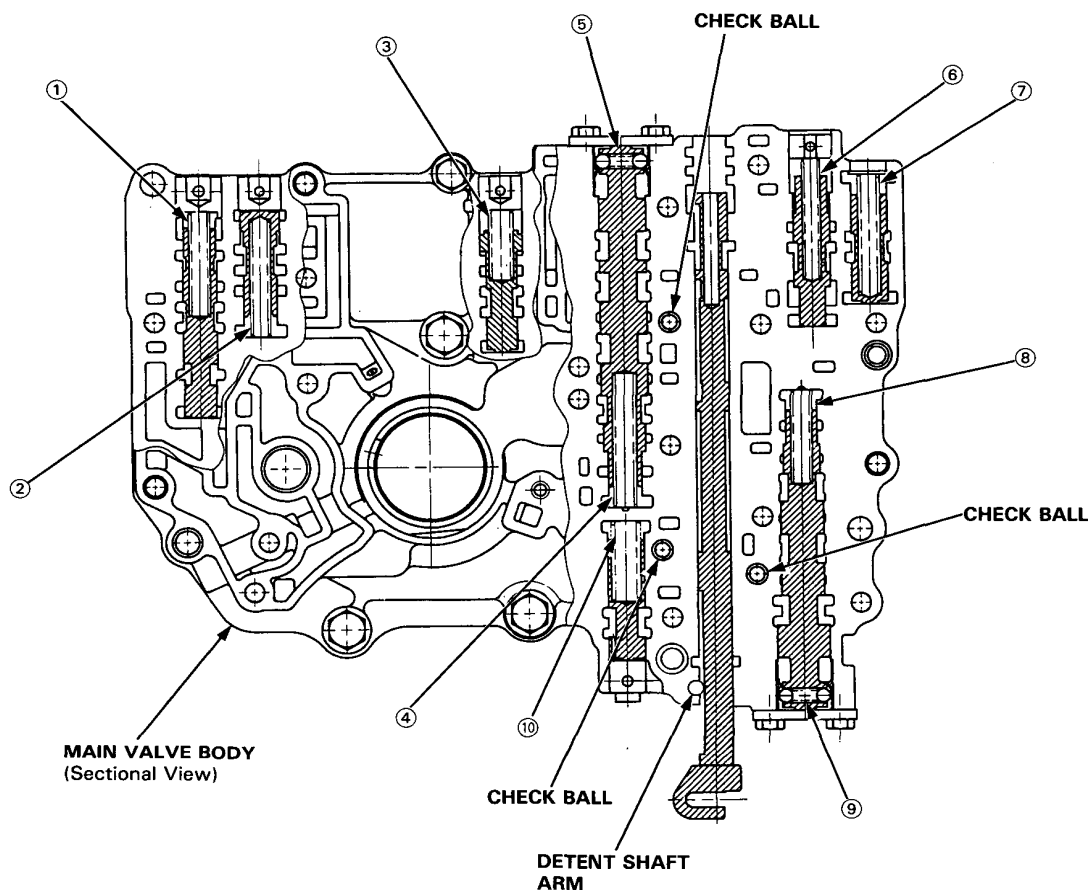
## Disassembly/Inspection/Reassembly

### NOTE:

- Clean all parts thoroughly in solvent or carburetor cleaner, and dry with compressed air. Blow all passages.
- Replace valve body as an assembly if any parts are worn or damaged.
- Check all valves for free movement. If any fail to slide freely, see Valve Body Repair.
- Coat all parts with ATF before reassembly.

**CAUTION:** Do not use a magnet to remove the check balls; it may magnetize the balls.





## SPRING SPECIFICATIONS

Unit of length: mm (in)

No.	SPRING	STANDARD (NEW)			
		WIRE DIA.	O.D.	FREE LENGTH	No. of COILS
①	Lock-Up Control Spring	0.7 (0.028)	6.6 (0.260)	42.9 (1.689)	14.1
②	Lock-Up Timing A Spring	F20A2	0.9 (0.035)	6.6 (0.260)	55.9 (2.201)
		F20A3	0.9 (0.035)	6.6 (0.260)	50.0 (1.969)
③	Lock-Up Cut Spring	0.7 (0.028)	7.6 (0.299)	31.0 (1.220)	12.7
④	2-3 Shift Spring	F20A2	0.9 (0.035)	7.6 (0.299)	70.0 (2.756)
		F20A3	0.8 (0.031)	7.6 (0.299)	58.9 (2.319)
⑤	2-3 Shift Ball Spring	F20A2	0.5 (0.020)	4.5 (0.177)	11.7 (0.461)
		F20A3	0.5 (0.020)	4.5 (0.177)	14.1 (0.555)
⑥	2-3 Orifice Control Spring	0.7 (0.028)	6.6 (0.260)	53.3 (2.098)	20.5
⑦	3-2 Kick-Down Spring	1.2 (0.047)	7.1 (0.280)	46.9 (1.846)	20.6
⑧	1-2 Shift Spring	F20A2	0.5 (0.020)	4.6 (0.181)	42.3 (1.665)
		F20A3	0.6 (0.024)	6.1 (0.240)	42.3 (1.665)
⑨	1-2 Shift Ball Spring	F20A2	0.4 (0.016)	4.5 (0.177)	13.0 (0.512)
		F20A3	0.4 (0.016)	4.5 (0.177)	12.6 (0.496)
⑩	CPC Valve Spring	1.4 (0.055)	9.4 (0.370)	31.2 (1.228)	10.9