

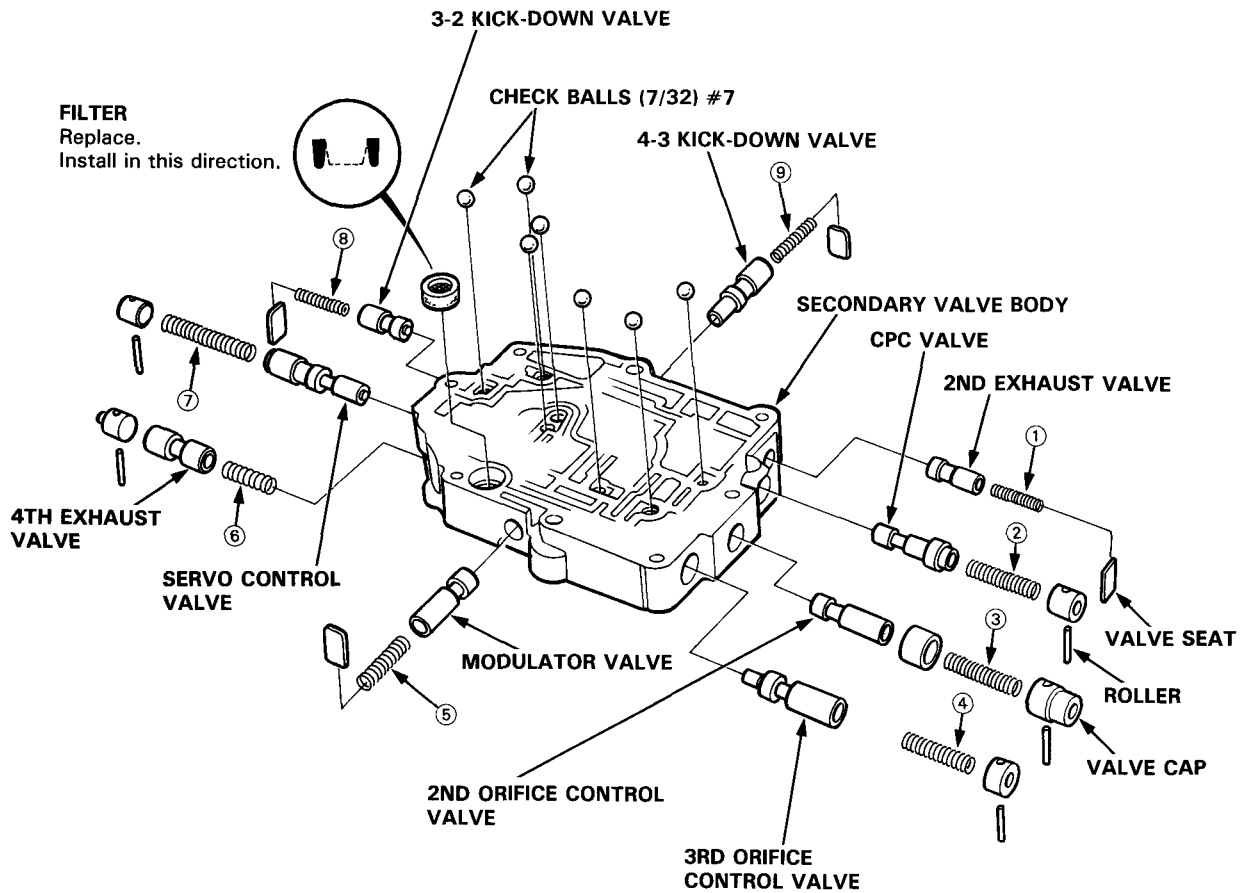
Secondary Valve Body

Disassembly/Inspection/Reassembly

NOTE:

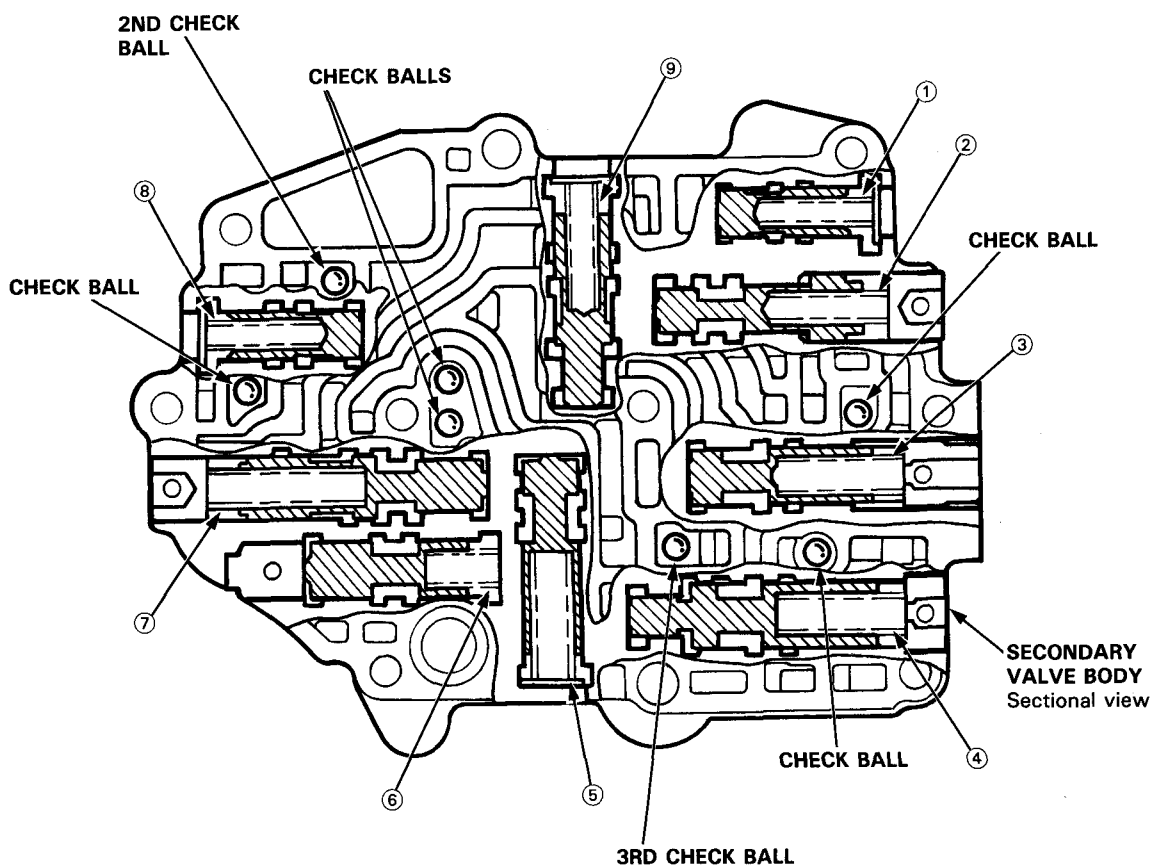
- Clean all parts thoroughly in solvent or carburetor cleaner, and dry with compressed air.
- Blow out all passages.
- Replace valve body as an assembly if any parts are worn or damaged.
- Check all valves for free movement. If any fail to slide freely, see Valve Body Repair on page [14-123](#).
- Coat all parts with ATF before reassembly.

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





NOTE: All check balls are the same size (7/32) #7.



SPRING SPECIFICATIONS

Unit of length: mm (in)

No.	Spring	Standard (New)			
		Wire Dia.	O.D.	Free Length	No. of Coils
①	2nd exhaust valve spring	1.0 (0.039)	6.1 (0.240)	27.1 (1.067)	13.4
②	CPC valve spring	1.0 (0.039)	6.8 (0.268)	32.1 (1.264)	15.6
③	2nd orifice control valve spring	0.8 (0.031)	8.1 (0.319)	47.9 (1.886)	16.0
④	3rd orifice control valve spring	0.9 (0.035)	8.6 (0.339)	48.3 (1.902)	16.6
⑤	Modulator valve spring	1.4 (0.055)	9.4 (0.370)	33.0 (1.299)	10.5
⑥	4th exhaust valve spring	0.6 (0.024)	7.6 (0.299)	24.4 (0.961)	7.9
⑦	Servo control valve spring	1.0 (0.039)	8.1 (0.319)	53.5 (2.106)	20.8
⑧	3 – 2 kick-down valve spring	1.0 (0.039)	6.1 (0.240)	27.1 (1.067)	13.4
⑨	4 – 3 kick-down valve spring	0.9 (0.035)	6.6 (0.260)	30.7 (1.209)	12.9