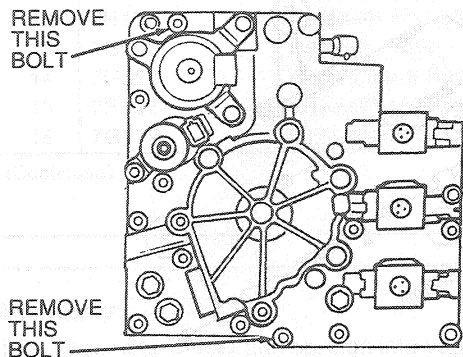


DISASSEMBLY AND ASSEMBLY (Continued)

1. Remove two 8mm bolts retaining oil pump to valve body and separate valve body from oil pump. Remove gasket and discard.

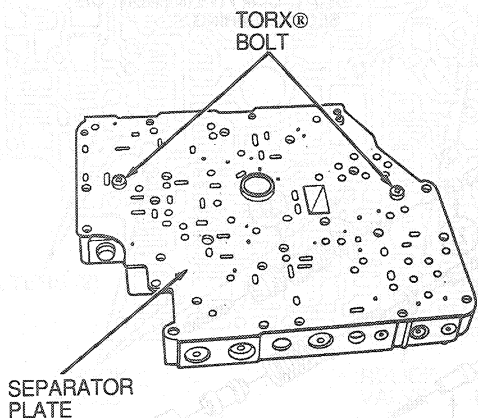


D8848-C

Valve Body

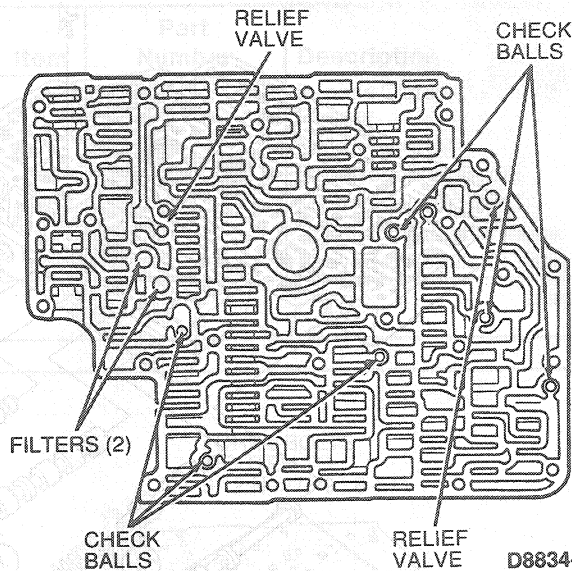
Disassembly

1. Place valve body on bench with separator plate up, and remove two Torx® bolts retaining separator plate to valve body.



D10304-A

2. Remove separator plate and gasket.
3. Remove six ball checks, two relief valves and two filter screens. Clean filter.



D8834-C

CAUTION: Most valves are aluminum and cannot be removed using a magnet. Remove valves by tapping valve body on palm of hand to slide valves out of bores. It may be necessary to remove valves and springs using a pick. If it is necessary to use a pick, use extreme caution to prevent damaging valves or valve bores.

4. The individual valves and springs are removed by removing retaining clips and bore plugs. Refer to the following illustrations for valve and spring locations. Clean valves, springs and valve body as necessary.
5. Thoroughly clean all parts, except check balls, in clean solvent and blow dry with moisture-free compressed air.
6. Inspect all valve and plug bores for scores. Check all fluid passages for obstructions. Inspect all mating surfaces for burrs and scores. **If needed, use crocus cloth to polish valves and plugs. Avoid rounding the sharp edges of the valves and plugs with the crocus cloth.**
7. Inspect all springs for distortion. Check all valves and plugs for free movement in their respective bores. Valves and plugs, when dry, must fall from their own weight in their respective bores.
8. Roll manual valve on a flat surface to check for bent condition.

Item	Part Number	Description
10	7G31T	Engagement Valve
9	7C48Z	Full In Control Valve
8	7D05Z	3-2 Shift Timing
7	7H1A6	Forward Clutch Valve
6	7F25B	2-2 Shift Valve

(Continued)

Item	Part Number	Description
5	7H1A4	Full In Valve
4	7G18Z	1-2 Shift Valve
3	7D05Z	2-2 Shift Valve
2	7C38B	Manual Valve Control
1	7A10D	Valve Body

(Continued)