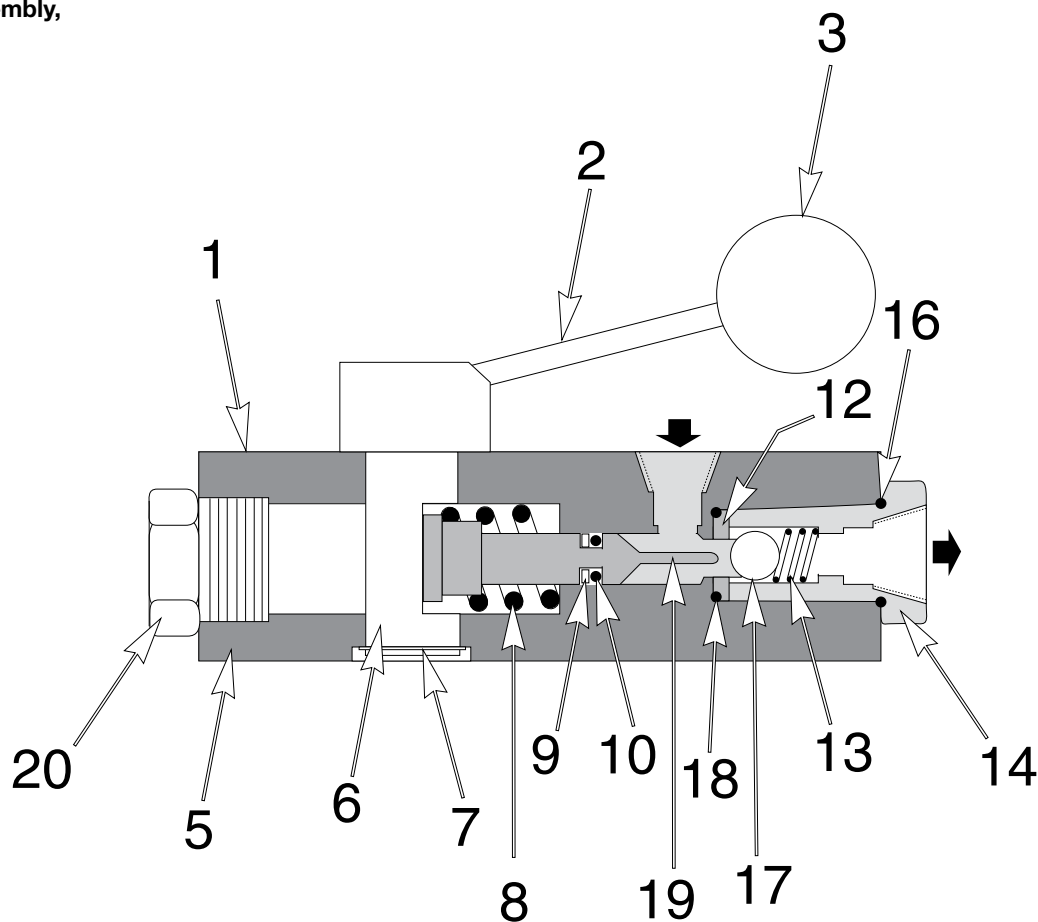


Install all kit components to ensure optimum performance of the repaired valve.

Figure 1
Valve Assembly,
MHV-1



Repair Parts List for Figure 1

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DA5101026	1	Decal	11	A8004271	2	Protection Plug (not shown)
2	402398	1	Lever Arm	12	★ 402055	1	Seat
3	DA6951147	1	Knob	13	DA5100210	1	Conical Spring
5	402396	1	Body	14	402054	1	Bushing
6	402395	1	Rotary Cam	16	★ B1906503	1	O-Ring
7	4023941	1	Retaining Ring	17	B1008016	1	9/32" Ball
8	402393	1	Spring	18	★ 300109	1	O-Ring
9	★ B1006564	1	Back-Up Washer	19	402392	1	Plunger Assembly
10	★ B1001503	1	O-Ring	20	402390	1	Boss Plug O-Ring

★ Items included in and available only as part of Repair Kit MHV1K.

SERVICE INSTRUCTIONS



CAUTION: Standard safety procedures are to be followed during disassembly and reassembly procedures to minimize any possibility of injury.

DISASSEMBLY:

1. Release hydraulic pressure from system. Disconnect the pressure lines, both incoming and outgoing. Remove the valve from the mounting plate by unscrewing the two 1/4" mounting bolts.
2. Secure the valve in a vise and unscrew the bushing [14]. Remove the conical spring [13], 9/32" ball [17], seat [12], and O-ring [18]. Place these parts on a lint free cloth.



WARNING: The plunger assembly [19] is under spring tension and will eject when the rotary cam [6] is removed from the body [5]. Use caution to avoid personal injury when removing rotary cam [6] in the next step.

3. Unscrew the O-ring boss plug [20] and remove retaining ring [7]. Turn lever arm [2] 180 degrees from the closed position. Slowly slide the rotary cam [6] out of the body [5].

4. Remove O-rings [10, 16, and 18], back-up ring [9], and seat [12]. Discard these items.
5. Clean all components and examine them for scratches. Replace if necessary.

REASSEMBLY:

1. Replace O-rings [10, 16, and 18], back-up washer [9], and seat [12].
2. Install the O-ring boss plug [20] and retaining ring [7]. Slide the rotary cam [6] into the body [5].
3. Install seat [12], ball [17], and spring [13], and bushing [14].
4. Mount the valve to the plate using the two 1/4" mounting bolts.

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