Caution: Air lines are pressurized and may blow debris, USE EYE PROTECTION.

1. Disconnect and remove old valve.
2. Attach the Hadley H00500 HCV to the same mounting bracket. Or use the enclosed brackets as needed to mount the valve.
3. Attach the proper length lever to achieve 30° minimum fill and exhaust angle (see above notes). Check for any interference or straight lining of the valve lever and linkage through the entire suspension travel.
4. Reconnect the air lines to the H00500 HCV per the picture above. Connect the dump pilot port to a normally closed control valve.
5. Adjust the ride height of the suspension utilizing the H00500 HCV lever and the vehicle manufacturer's ride height recommendations. Install centering dowel to insure the valve dead band is at ride height.
6. Tighten all nuts 60 to 80 in-lbs.
7. Remove centering dowel.

**HCV INSTALLATION NOTES:**
1. At full up or down suspension travel:
   - **OPTIMAL LEVER ANGLE IS 45°**
   - **MINIMUM LEVER ANGLE IS 30°**
2. Mount HCV parallel to frame rail
3. **If NOT using the integral dump option,** dump pilot port vent must be left in place.
4. If using integral dump option, remove dump pilot port vent and connect directly to 3-way selector valve. Ensure that selector system is vented to atmosphere at all times (even when not being activated).

   **Note:** Dump pilot port/system must not be plugged at any time as this may affect valve centering.

**HCV INSTALLATION INSTRUCTIONS**

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7. Remove centering dowel.
**REASONS TO REPLACE THE HCV**

- HCV did not pass the test procedure
- Air leaks from the HCV
- HCV is damaged

**HADLEY PRODUCTS**

2851 Prairie St SW
Grandville MI  49418
Telephone (616) 530-1717
Fax (616) 530-3283

Call or write regarding other Hadley products: Cab or Chassis HCV's, Air Horns, Mini Compressors, etc.