

G5 Dodge coil replacement mechanical height control valve instructions

Rear



Tools needed

drill

3/16" and 1/4" drill bits

1/4-20 and 5/16-18 taps

Center punch

Paint marker

Basic wrenches

1. Hold the Haldex height control valve up on the passenger side frame rail just behind the round tube cross member. Place the valve so that the bottom hole is just about 3/4" up off the bottom edge of the frame. This way the rotating lever has room to go up without hitting the bottom of the box.

2. Use a marker to make where to drill and tap the holes.

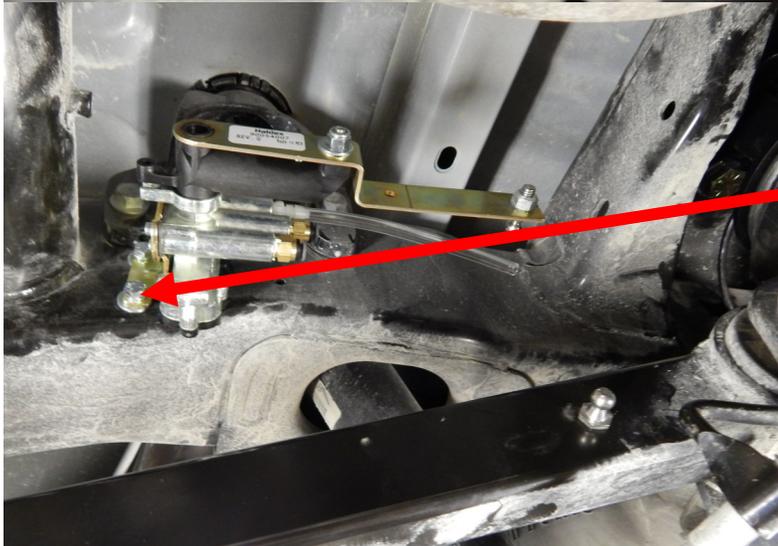


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3. Use a center punch to locate where to drill. Once you center punch hold the height control valve back in position to make sure your center punch marks are accurate. Next drill the two 3/16" holes. Once the holes are drilled tap the holes with a 1/4-20" tap.



4. Locate the height control valve. Before installing, rotate the lever 360 degrees each direction about 6 times. Now fasten the height control valve to the frame with the two 1/4x1" bolts. Now locate the linkage. Place it on the end of the ball on the lever and drop it straight down to see where to locate the ball that gets installed on the trailing arm. NOTE: MAKE SURE THE AIR BAGS ARE AT 8" (RIDE HEIGHT)! Also the plumbing of the valve is this: top=exhaust (clear line) middle= out to airbags (use a T fitting to split the air line) bottom= air supply from air tank



5. The linkage should be 5 1/4" long. Double check that the air bags are at 8" (measure in between the mounting brackets). Now use a center punch and mark your drill location. Drill the hole with a 1/4" drill bit. Next tap the hole with a 5/16-18 tap. Install the ball and linkage. Look closely at the linkage and you will see a wire "keeper". Remove the keeper, slide the linkage on and install the rod on the balls. Reinstall the keepers.

