

# ASSEMBLY INSTRUCTIONS

## Height Control Valve Kit

**SUBJECT:** Service Kit No. 60826-000

**LIT NO:** 59310-009

**DATE:** October 2002

**REVISION:** B

### 60826-000 SERVICE KIT

CONTENTS	
Qty.	Description
1	Valve
2	¼" Locknut
2	¼" Washer
1	¼" Plug
1	Bracket
1	Centering Pin

### WARNING

## INSTALLATION INSTRUCTIONS

### DISASSEMBLY

VEHICLE MUST BE FIRMLY SUPPORTED WITH JACK STANDS PRIOR TO THE REMOVAL OF ANY AIR FROM THE SYSTEM AND SERVICING VEHICLE. FAILURE TO DO SO COULD RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.

1. Completely exhaust the air from the air system.
2. Disconnect the linkage from the existing valve arm. Lower the valve arm.
3. Disconnect the air lines to the height control valve
4. Remove height control valve mounting fasteners and remove height control valve.

### ASSEMBLY

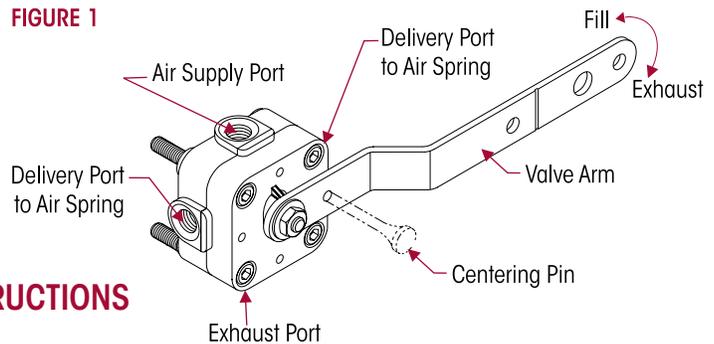
1. Mount the new height control valve on the bracket provided. See back page for left or right hand installation.
2. Loosely tighten locknuts as valve may need to be rotated to adjust ride height.
3. Mount the bracket/valve assembly into mounting holes on the frame of vehicle.
4. Connect the air lines to the new valve. Plug unused delivery port with ¼" plug if necessary.
5. Always plumb the air supply to the top port in the valve. This allows air to inflate the air springs when the valve arm is in the up position, see Figure 1.
6. Adjust to manufacturers recommended ride height by turning the valve arm upward to add air to the air springs, down to exhaust air from the air springs.
7. Install centering pin in holes provided in valve arm and housing as shown in Figure 1. This locates the approximate dead band mode of the valve. If airflow is observed at the exhaust port; see Figure 1, remove centering pin and rotate the valve arm upward to achieve the dead band mode.
8. Connect the linkage to the valve arm in dead band mode.

### CAUTION

LINKAGE ASSEMBLY MUST BE POSITIONED AT 90° IN ALL PLANES WITH VALVE ARM IN BLOCK MODE. TOP AND BOTTOM PIVOT POINTS OF LINKAGE ASSEMBLY MUST BE POSITIONED IN THE SAME PLANE OR 90° OFFSET.

9. Tighten ¼" locknuts to  45 inch pounds torque.
10. Remove the centering pin.

FIGURE 1

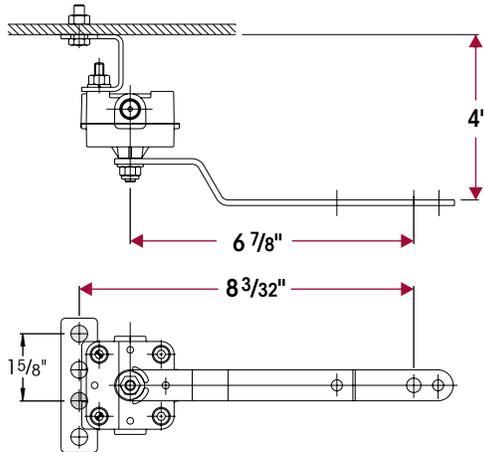




**HENDRICKSON REPLACEMENT HEIGHT CONTROL VALVE FOR  
Part No. 50433-001 and 50433-002**

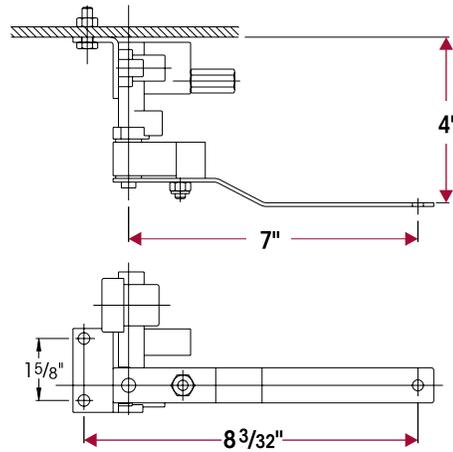
**LEFT HANDED**

**HENDRICKSON REPLACEMENT VALVE  
Part No. 60826-000**



DIMENSIONAL TOLERANCES: +/- 1/8"

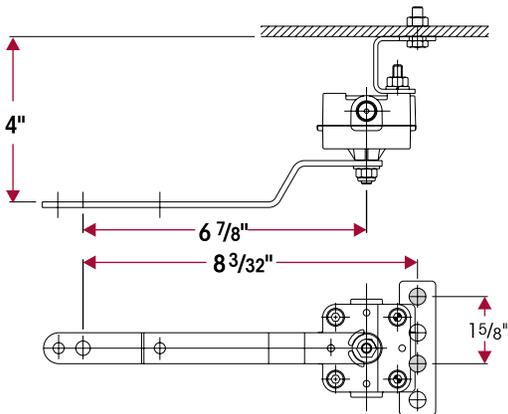
**VALVE  
Part No. 50433-001**



DIMENSIONAL TOLERANCES: +/- 1/8"

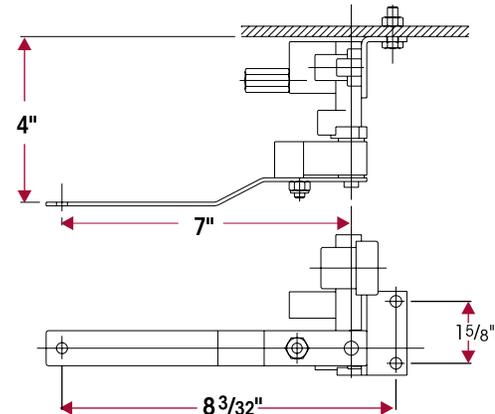
**RIGHT HANDED**

**HENDRICKSON REPLACEMENT VALVE  
Part No. 60826-000**



DIMENSIONAL TOLERANCES: +/- 1/8"

**VALVE  
Part No. 50433-002**



DIMENSIONAL TOLERANCES: +/- 1/8"

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors. All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration. Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

**Call Hendrickson at 1.866.755.5968 (toll-free) or 1.630.910.2800 for additional information.**



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