VELVAC NEW HEIGHT CONTROL VALVES

Original Equipment Quality. Precision for Suspension Applications.

The new Valves for Cab and Chassis Applications

- Direct replacement height control valves for all makes of cab air suspension and chassis applications
- Bolt in installation. No drilling is required.
- Manufactured by the largest supplier of air suspension height control valves to the US truck industry.
- Designed and produced by an ISO 9001: 2000 certified facility to OE specifications

General Features and Benefits

- Shear-Seal® Design wears in, not out. Hardened valve components resist wear from air system contaminants.
- Dual Air Bag Ports for ease of installation
- Zinc Plated, anodized aluminum, and engineered plastics combine for superior corrosion resistance.
- Proportional response controls air flow for precise ride control
- 100% factory tested to insure reliable performance
- Integral dump valve with air pilot activation saves space and simplifies installation.

The Shear-Seal® Advantage

In the past industry expectations for commercial vehicle air suspension height control valves was limited. Designs were based on seals that wore rapidly, requiring frequent replacement. As the seals failed, height control performance deteriorated and air consumption increased. Valve replacement and downtime costs were rising with trucking demand.

The Shear-Seal Solution:

- Provides breakthrough improvements in durability and performance
- Over 40 years of heavy duty demanding industry applications such as; steel and paper mills, oil exploration and processing, and defense
- Zero lead technology reduces downtime and costly air loss

The Shear-Seal Principal:

- Based on the sliding of two precisely machined metal sealing surfaces across each other, creating a zero-leak* seal
- Media passes through the center of the seals, rather than across the seal surface, preventing contamination from entering the seal areas
- As the valve shifts, the wiping action of the polished metal seals pushes away debris
- Precision engineering and manufacturing combine for unmatched performance and reliability.

* Less than 4CC per minute
STANDARD LEVELING VALVES

Application: Truck primary suspensions, trailer suspensions, bus suspensions

Features:
- Shear-Seal® technology with Zero-leak*
- Lapped rotor and long-wear pressure seals
- Tapered flow curve for lower air consumption
- Precise dead band for accurate suspension height
- Compact design for difficult installations
- Packaged individually in Velvac box including instruction sheet

Part No. 034111
Replaces WABCO S464 002 443-0, Midland KN 27000
Used with International Chassis

Part No. 034112
Replaces Hadley/Neway 90054007
Used with Kenworth Chassis

Part No. 034113
Replaces Delco King of the Road 12C-1 (KOR 5549705) & 12-6-2 (KOR 5549706)
Used with Volvo Chassis

Part No. 034114
Replace Hadley H00450CE
Used with Volvo/Mack Chassis

CAB LEVELING VALVE

Application: Truck cab air suspensions, front suspensions

Features:
- Shear-Seal® technology with Zero-leak*
- Lapped rotor and long-wear performance seals
- Engineered grade thermoplastic housing
- Standard push to connect fittings
- Tapered flow curve for lower air consumption
- Precise dead-band for accurate suspension height
- Packaged individually in Velvac box including instruction sheet

Part No. 034101
Replaces WABCO S464 007 004-0
Used with International Cab, Peterbilt

* Less than 4cc per minute
VELVAC NEW HEIGHT CONTROL VALVES

INTEGRAL DUMP LEVELING VALVES

Application: Truck primary suspensions, trailer suspensions

Features:
- Shear-Seal® technology with Zero-leak®
- Lapped rotor and long-wear pressure seals
- Precise dead band for accurate suspension height
- Dump valve integrated into suspension valves
  - Eliminates extra dump control valves
  - High flow fast dump of air bags
  - Simplifies air plumbing and saves installation time
  - Tapered flow curve for lower air consumption
- Packaged individually in Velvac box including instruction sheet

LINKAGE AND HARDWARE PRODUCT

Adjustable Linkage
- Adjusts for 8 ¾” to 14 ½”
- ½” diameter mounting bolts
- Zinc plated steel rods
- Elastomer ends

<table>
<thead>
<tr>
<th>Velvac Part No</th>
<th>Description</th>
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<tbody>
<tr>
<td>034130</td>
<td>Adjustable Linkage- adjustment range 6.9-9.6 inches</td>
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<tr>
<td>034131</td>
<td>Adjustable Linkage- adjustment range 9.8-11.5 inches</td>
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<tr>
<td>034132</td>
<td>Adjustable Linkage- adjustment range 10.9-13.6 inches</td>
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<tr>
<td>034133</td>
<td>Adjustable Linkage- adjustment range 12.8-19.0 inches</td>
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<td>034134</td>
<td>Linkage Hardware- 5/16-18 thread</td>
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<tr>
<td>034135</td>
<td>Linkage Hardware- 1/4-20 thread</td>
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<tr>
<td>034136</td>
<td>Linkage Hardware- 8 mm course thread</td>
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## Velvac Replacement Valve Reference Number

<table>
<thead>
<tr>
<th>Velvac Part No.</th>
<th>Description</th>
<th>Ports</th>
<th>Replaces</th>
<th>Used with Vehicles</th>
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<tbody>
<tr>
<td>034101</td>
<td>W/Cab Valve</td>
<td>¼” NPT Ports</td>
<td>WABCO S464 007 004-0, Barksdale KD2355</td>
<td>International cab, Peterbilt cab</td>
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<td>Kenworth chassis</td>
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<td>International chassis w/dump, Peterbilt chassis w/dump</td>
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