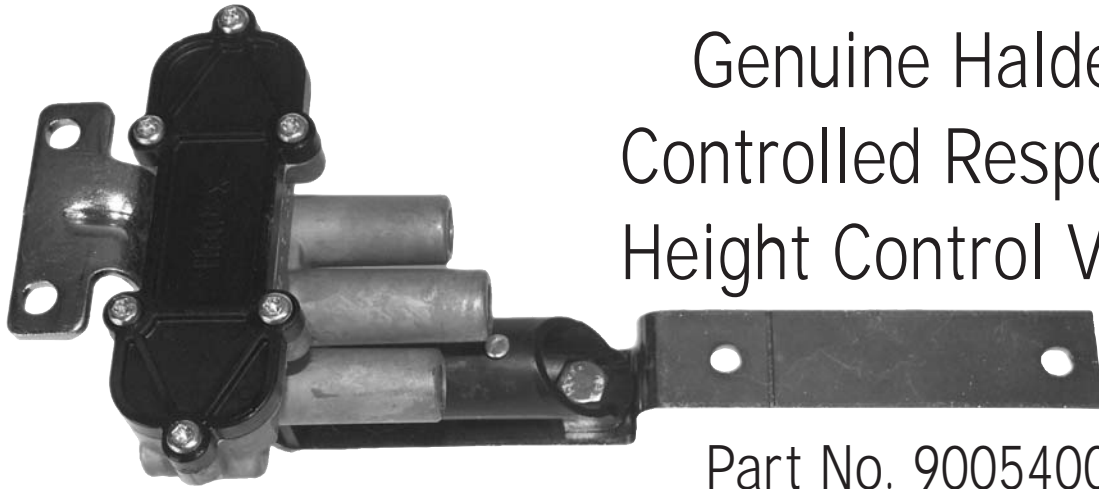


Fleet Sheet

Haldex

www.hbsna.com



Genuine Haldex Controlled Response Height Control Valve

Part No. 90054007

Application Information

1. The most popular Height Control Valve in the North American Aftermarket.
2. Installed base includes:
 - All 80's and 90's Air Suspended Trailers with Hendrickson and Neway Suspensions.
 - All late model Air Suspended Kenworth Trucks and Tractors.
 - Many other OEM tractor and truck applications.
 - Many late model Motor Home/RV Diesel Pushers.

Competitive Advantages

- ✓ **Genuine Haldex Valve**
Advantage Haldex: Haldex produces the only patented version of the former Neway CR Valve right here in the United States.
- ✓ **Longer Service Life**
Advantage Haldex: Fully automatic electronic testing insures that Haldex CR Valve functions properly with five times the service life of imitation valves.
- ✓ **Consistent Operation across a Broad Range of Environmental Temperatures**
Advantage Haldex: Thermo-stable silicone in the time delay mechanism insures consistent operation.
- ✓ **Optimum Ride Height Control**
Advantage Haldex: By minimizing air consumption and reducing driveline component wear, Haldex CR Valve provides optimum ride height control.
- ✓ **Quality Assured**
Advantage Haldex: Unlike imitation valves, which are not individually calibrated and tested, Haldex valves meet all quality specifications.
- ✓ **Precise Time Delay**
Advantage Haldex: The precise time delay feature reduces air consumption and provides optimal efficiency to minimize compressor wear. The inconsistent or nonexistent time delay function of imitation valves may cause ride height malfunction.
- ✓ **Minimum Deadband**
Advantage Haldex: The Haldex CR Valve has minimum deadband to maintain proper ride height. Imitation valves' deadband is three times wider which decreases trailer life.
- ✓ **Friction Shim**
Advantage Haldex: The Haldex CR Valve has a shim between the actuator and the casting to reduce friction. This component is not used in the majority of imitation valves. The elimination of this component will increase frictional effects, wear on the components and could cause the valve to completely malfunction.
- ✓ **Cavity Fluid**
Advantage Haldex: Haldex CR cavity fluid provides precise time delay. Imitation valve's cavity fluid is affected by temperature, causing valves to malfunction or eliminating the time delay altogether.
- ✓ **Full One Year Warranty**
Advantage Haldex: Haldex offers a one year warranty unlike imitation valves which do not have a warranty.

Fleet Sheet



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Cross-Reference Information

Don't be misled! Imitation 90054007's come in all sizes and shapes - unwitting customers are paying top dollar for offshore sub-par products and being misled in the process.

Don't Be Fooled By Imitations!

Related Items Checklist

- ◆ Replace damaged, bent or worn linkages and correct and insure ride height by including a new HCV linkage — Use the Genuine Haldex SRK 168 — Part Number 48100225.
- ◆ Clean and protect your air system with a Genuine Haldex Pressure Protection Valve (Part Number 90554107) — The only PPV with an integral in-line filter and corrosion protection cap.

Warranty

12 Months/100,000 Miles/3600 Hours from date of installation.

Competitor Overview

- 1) The Haldex CR valve has a casting tab whereas, imitation valves do not.
- 2) Haldex CR valves do not have a tab on the bracket cover - imitations do.
- 3) Beware of deceptive cavity cover logos - Look for the Haldex name to ensure authenticity.
- 4) The cavity fluid in the imitation valves is not at the same viscosity level as the Haldex CR valve. This effects time delay performance.
- 5) Friction Shim - A shim is placed between the actuator and the casting to reduce friction. The majority of imitations do not have this feature.

Available Literature

L25051 CR Valve Data Sheet
L31177 CR Valve Installation Instructions
L20497 Smart Card 90054007
L55214 Haldex CR Valve Service Bulletin

Installation Advisories

- ✓ Height Control Valve failures can lead to very expensive equipment repairs.
- ✓ Imitation products that fail high can cause trucks or trailers to operate over-height. This failure mode can lead to bridge impacts that are very costly and potentially deadly.
- ✓ Failed offshore imitation products which leak constantly or freeze-up cause air suspensions to operate below proper ride height. This failure leads gearbox or pinion wear that can cost hundreds to repair.
- ✓ Never repair a 90054007 Height Control Valve with a rebuild kit available in some stores. The seals provided in these kits seldom feature nitrile seals and can not be set properly.