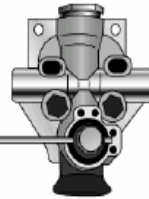


Fleet Sheet

Haldex

Brake Systems

www.hbsna.com



Haldex Immediate Response Leveling Valve Interchangeable With All Competitive Models (without built-in dump valve)

- Universal Application
- High Strength Linkage
- High Quality Neoprene Rubber Components Used
- Immediate Response Control
- Exhaust Guard
- Modulated Air Flow
- Standard, Low and High Flow Models Available
- Space Age EGC Construction

Application Information

1. Determine Standard, High Flow or Low Flow.
 - a) Standard flow typically found on trucks, buses and trailers.
 - b) High flow typically found on tractors.
 - c) Low flow typically used for cab air suspensions.
2. If upgrading from competitive model or if original is damaged, determine if vertical or horizontal axle bracket linkage is needed.

Special Notes:

Haldex Immediate Response Leveling Valve quickly adjusts to changing road conditions. Competitive valves may not, thereby increasing suspension, frame and chassis stresses.

Competitive Advantages

- ✓ Immediate response design ensures air suspension remains correctly inflated under all conditions.
Advantage Haldex: Fast response times are critical for stability; body sway is reduced.
- ✓ Universal application fits all makes of vehicles.
Advantage Haldex: One valve fits all trucks, buses and trailers.
- ✓ High strength linkage resists bending better than flat metal types and is replaceable.
Advantage Haldex: Durable steel linkage outlasts competitive makes and replaceable components lower repair costs.
- ✓ Space Age EGC Construction
Advantage Haldex: EGC body resists corrosion and is lighter and more durable than aluminum.
- ✓ Unique exhaust guard helps prevent road contaminants from entering the valve.
Advantage Haldex: Exhaust guard improves life and lowers cost-per-mile.
- ✓ Only high quality neoprene rubber seals and piano wire springs are used.
Advantage Haldex: Longer life and trouble free operation.
- ✓ Modulated air flow changes the amount of air delivered based on need.
Advantage Haldex: Reduces over and under-inflation, leading to longer air bag and suspension life.
- ✓ Rotatable Air Fittings
Advantage Haldex: Can adjust airlines as needed after fittings are tightened.

Haldex Immediate Response Leveling Valve

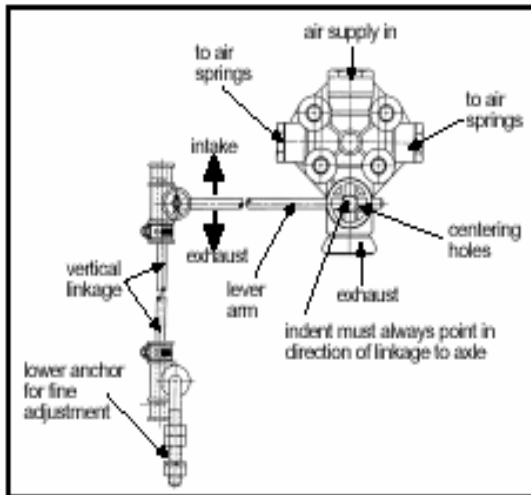
Cross-Reference Information

The Haldex Immediate Response Leveling Valve will replace:

- ◆ Neway
- ◆ Ridewell

Related Items Checklist

- ◆ Air Bags
- ◆ Nylon Air Hose
- ◆ Fittings
- ◆ Pressure Protection Valve
- ◆ Brass Fittings
- ◆ Nuts and Bolts
- ◆ Universal Linkage



Warranty

One Year or 100,000 Miles from date of installation.

Competitor Overview

Neway and Ridewell

- A) Not immediate response type valves.
 - 1) May be slower to respond to rapidly changing road conditions.
- B) Neway may be damaged by over travel of operating arm.
 - 1) Haldex operating arm will rotate 360 degrees.
- C) Adapter plate is not available.
 - 1) Haldex provides adapter plate to mount valve in nearly any location on the vehicle.
- D) On/Off air flow designs may result in under- or over-inflation.
 - 1) Dramatically reduces air bag life.
 - 2) Places more strain on suspension components.

Interchange/Upgrade Programs

Interchange/Upgrade Programs are not applicable to the Haldex Immediate Response Air Leveling Valve.

Available Literature

- L25013 Leveling Valve Product Bulletin
- L31065 Installation Instructions
- L31068 Installation Instructions
- L31152 Installation Instructions

Installation Advisories

- ✓ Ensure height control linkage is set up properly and free from interference.
- ✓ Tighten fittings finger tight, then 1 1/2 to 2 turns.
- ✓ Ensure a 70 psi or higher pressure protection valve is used to prevent loss of brakes due to air bag failure.
- ✓ Blow out all air lines prior to assembly to reduce contamination.
- ✓ Use only brass fittings.
- ✓ Check pressure protection valve to make sure it is operating properly.