

# Fleet Sheet

**Haldex**

**Brake Systems**

[www.hbsna.com](http://www.hbsna.com)



## Haldex "FF2" Full Function Valve

### Application Information

1. FF2 is for *Trailer Systems Only*.
2. Determine number of springbrake equipped axles to be controlled (*maximum two axles per valve*).
3. Check air tank to determine if 1/2" or 3/4" mounting nipple is needed.
4. Available in 3PSI and 5PSI crack pressure design. (*3 PSI is most common*)

#### Special Notes:

Compounding is where the parking/spring brake and the service chamber are both applying the brakes at the same time. This combination is powerful enough to destroy brake adjusters, distort drums and twist S-Cams!

### Competitive Advantages

- ✓ Single Valve System  
*Advantage Haldex: Easy to install, easy to maintain, easiest troubleshooting.*
- ✓ Built-in Pressure Protection and Anti-Compounding  
*Advantage Haldex: Updates air brake system to the latest level of the law and eliminates broken foundation components due to compounding of springbrake.*
- ✓ Space Age Engineering Grade Composites  
*Advantage Haldex: Resists corrosion, lighter and more durable than aluminum.*
- ✓ Built-in Service and Springbrake Quick Releases  
*Advantage Haldex: Ensures prompt application of springbrakes and quick release of service brakes, reducing brake wear.*
- ✓ Supplied with a Heavy Wall Mounting Nipple  
*Advantage Haldex: Heavy wall mounting nipple is treated to resist corrosion and will not break in severe duty applications.*
- ✓ Safety First Service Brake Priority Braking  
*Advantage Haldex: Ensures air tank pressure is sufficient to stop vehicle w are first released.*

**PBR Australia Pty Ltd. 264 East Boundary Rd. East Victoria 3165**

**Phone 1300 369 727 [www.pbr.com.au](http://www.pbr.com.au)**

**pbr**  
DON'T STOP WITHOUT US

# Fleet Sheet

**Haldex**

**Brake Systems**

[www.hbsna.com](http://www.hbsna.com)

## Haldex "FF2" Full Function Valve

### Cross-Reference Information

The Haldex Full Function Valve will replace all competitive trailer air brake system designs for spring-brake equipped axles with minor re-plumbing.

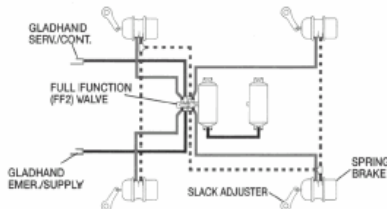
- ❖ Bendix Trailer Systems (all\*)
- ❖ Berg Trailer Systems (all\*)
- ❖ Midland Trailer Systems (all\*)
- ❖ Sealco Trailer Systems (all\*)
- ❖ Tramec Trailer Systems (all\*)
- ❖ Wagner Trailer Systems (all\*)

\* When replacing a Relay Emergency Valve piggybacks must be installed on the service chambers.

### Related Items Checklist

- ◆ Air Tanks
- ◆ Rubber Air Hose
- ◆ Fittings
- ◆ Nylon Air Tubing
- ◆ Thread Sealant
- ◆ Springbrakes or Piggybacks
- ◆ Quick Release Gladhand

#### Two Tank - One Valve Tandem Axle System \*



\* Single tank systems are plumbed the same with the omission of the second tank.

### Warranty

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

### Competitor Overview

#### Bendix, Sealco and Tramec Trailer Systems

- A) Springbrake priority systems (Sealco offers service priority as an option).
- 1) May allow driver to move vehicle without adequate air in trailer system to make a controlled stop.
  - 2) Will allow driver to move vehicle when a reservoir leak has developed.
- Note: Trailer may not have service brakes under either of these conditions.

- B) Multi-valve systems.
- 1) May require up to four valves.
    - a. More things can go wrong.
    - b. More difficult to troubleshoot.
  - 2) Parts for some systems may not be readily available nationally.

- C) All metal construction. Subject to corrosion and increased weight.

### Interchange/Upgrade Programs

Available New or Remanufactured Exchange.

### Available Literature

L25015 FF2 Product Bulletin  
L60027 Valve Identification Wall Chart  
L55055 Quick Release Gladhand Flyer

### Installation Advisories

- Ensure each axle controlled is equipped with springbrake chambers.
- Tighten fittings finger tight, then 1 1/2 to 2 turns.
- Use hex on pipe nipple to tighten onto air tank.
- Ensure proper crack pressure.
- Blow out all air lines prior to assembly to reduce contamination.
- Do not use thread tape.
- Use brass hose fittings.
- 100 PSI minimum system pre

**PBR Australia Pty Ltd. 264 East Boundary Rd. East Victoria 3165**

**Phone 1300 369 727 [www.pbr.com.au](http://www.pbr.com.au)**

