**ABS Valves**

**2-Port FFABS Valve**

Applications:

- 4S/2M System
- Spring brake valve built into PLC Select FFABS
- "FFABS Valve is available in Spring Brake Priority or Service Brake Priority"

Installation/Service Manual "L30041"

"For Technical and Engineering Support United States - 1-800-643-2374 Canada - 1-519-826-7723"

**Haldex Supplied Items**

- 2-Port FFABS Valve (Tandem-Axle Trailers)
- Spring Brake Priority
- 2-Port ABS Relay Valve (Service Brake)
- ABS Lamp
- 90° Degree Sensor
- ABS Cables
- Optional Supplier Section
- Optional Installation Aids
- Recommended Production Testing:
  - 4S/2M System
  - 2-Port FFABS Valve w/ECU
  - 2-Port FFABS Valve (Tandem-Axle Trailers)
  - Spring Brake Priority
  - Service Brake Priority

**Diagnostic Tools**

- J1708 PLC Adapter
- PC Diagnostic
- ABS Cables
- Sensor Extension Cable
- Solenoid Cable

**4S/2M Trailer System**

(4 Sensor / 2 Modulator Valve)

**ABS Cables**

- ABS Cables
- Sensor Extension Cable
- Solenoid Cable

**System Plumbing**

**Legend:**

- Service/Control Line
- Emergency/Supply Line
- Sensor Line

**4S/2M System**

- 2-Port FFABS Valve w/ECU
- 2-Port FFABS Valve (Tandem-Axle Trailers)

**Component Locations:**

- ABS Components and System plumbing are shown to allow view change with parts
- For a complete list of components see Install Service Manual L20243
- Vehicular manufacturing company responsibility to specify these systems with applicable regulations
- Pipe nipples used to mount brake valves must be heavy wall, type PE/Al 2:1 ratio

**Haldex Brake Products**

10930 North Pomona Ave
Kansas City, Missouri 64153

Phone: 816-891-2470
Fax: 816-880-9766

(www.haldex.com)

(See Website www.haldex.com for additional ABS Product Technical Information)