Haldex Brake Products
10930 North Pomona Ave
Kansas City, Missouri 64153
Phone: 816-891-2470
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(www.haldex.com)
(See Website www.haldex.com for additional ABS Product Technical Information)

**ABS Valves**

- **2-Port Relay Valve PLC Select**
  - Applications: 2S/2M System
  - 4S/2M System (Tandem Axle)
  - (Service Brake Delivery Ports - 2)

**System Plumbing**
- **Legend:**
  - Service/Control Line: Blue
  - Emergency/Supply Line: Yellow
  - Sensor Line: Black

**Diagnostics**
- **Test Equipment:** Use an appropriate ABS test equipment such as a Haldex PLC Info Center or Haldex PC Diagnostics.

**Optional Installation Aids**
- **3-Way Clip**
- **Sensor Block Clip**
- **ABS Lamp Sensor Block**
- **ABS Power Cable**
- **ABS Solenoid Cable**
- **ABS 12VDC Power Cable**
- **ABS Lamp**
- **ABS Relay Valve**
- **ABS ECU (Electronic Control Unit)**
- **ABS 12VDC Power Cable**
- **ABS Lamp**
- **ABS Relay Valve**
- **ABS ECU (Electronic Control Unit)**

**Voluntary Recall Information:**

**ABS Valves Installation/Service Manual “L30041”**

**Legend:**
- A - Stoplight
- B - Permanent
- C - Not Used
- D - Trailer Lamp
- E - Ground

**Recommended Production Testing:**

1. Connect test power cable to power lead.
2. Charge the Emergency and Service air systems.
3. Apply ABS Permanent power (ABS Lamp should be OFF).
4. Rotate the rear sensed "Curb" side wheel (1 Rev/2 Sec) 4 seconds minimum: test equipment should display S2ASensor .
5. ABS test light should flash "ON" for about 3 seconds and then go out, ABS Lamp should display "OK 07".
6. Push Double Arrow to move down Channel 90° Degree Sensor Blue Solenoid Cable Solenoid Cable
7. Rotate the rear sensed "Road" side wheel (1 Rev/2 Sec) 4 seconds minimum: test equipment should display S3BSensor .
8. Rotate the front sensed "Road" side wheel (1 Rev/2 Sec) 4 seconds minimum: test equipment should display S2BSensor .
9. Rotate the front sensed "Curb" side wheel (1 Rev/2 Sec) 4 seconds minimum: test equipment should display S3ASensor .

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