



# **Anti-Lock Brake System ABS Lamp Sequence Electrical System Testing**

## **Warning Lamp Sequence:**

For Trailers built **AFTER** March 1, 1998

### **Permanent Power**

- Lamp turns **ON**, then **OFF**.
  - If Lamp turns **ON**, but never turns **OFF**, an ABS fault exists.
  - If lamp does not turn **ON** at all, the ECU may not be getting power or the bulb may be bad.
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## **Valve Blow-Down Sequence:**

- Charge the trailer service and supply air systems.
- Apply power to the system.
- The ABS relay valves should exhaust in this sequence:  
**RED CHANNEL, BLUE CHANNEL, YELLOW CHANNEL.**  
The number of exhaust sequences will depend on the number of ABS relay valves in the system.

**Note:** Some tractors manufactured before March 1, 1997 may not be supplying permanent power to the trailer. Therefore, the above lamp sequence will only occur when the tractor brakes are applied and the vehicle is static.

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If the ABS system does not operate as described, refer to the **Haldex ABS Installation and Service Manual (L30041)** for diagnostic procedures.

**Technical Service & Engineering Support  
800-643-2374**



# **Anti-Lock Brake System ABS Lamp Sequence Electrical System Testing**

## **Warning Lamp Sequence:**

For Trailers built **BEFORE** March 1, 1998

### **Stop Light Power**

- With vehicle static and trailer brakes applied, the lamp turns **ON**, then **OFF**, then turns **ON** again.
- Lamp will turn **OFF** again when the trailer brakes are released.
- If Lamp turns **ON**, but never turns **OFF**, an ABS fault exists.
- If lamp does not turn **ON** at all, the ECU may not be getting power or the bulb may be bad.

## **Warning Lamp Sequence:**

For Trailers built **BEFORE** March 1, 1998

### **Permanent Power**

- Lamp turns **ON**, then **OFF**, then turns **ON** again.
- Lamp will turn **OFF** again when the trailer is moved at a speed over 6 MPH.
- If lamp turns **ON**, but never turns **OFF**, an ABS fault exists.
- If lamp does not turn **ON** at all, the ECU may not be getting power or the bulb may be bad.

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