**Trailer Systems Troubleshooting Guide**

**HOW TO USE THIS CHART**

The purpose of the chart is to help you identify components of a trailer air brake system with the assistance of the locations shown. It can assist you in gaining an understanding of the trailer assembly. Identify your system from the schematics shown. Identify the problem and use the chart for assistance.

**CAUTION:** Always observe and determine which specific device, fitting or assembly; Type 30/30 or Type 24/30. Diaphragm Type MOD-II ABS 4S/2M if the problem is a trailer brake system. If the problem is a tractor/trailer application, note spring brake control valve. Always observe and determine which specific device. Please consult your Haldex Service Manual for further guidance.

**HOW TO CHECK YOUR SYSTEM**

The most important factor in trailer troubleshooting is to determine if the railhead is in the vehicle’s “spring brake system” or “service brake system.” If the problem is “a brake system running,” the railhead has been executed. All “air” valves are “in” the “spring brake system” or “service brake system.” The spring brake supply is from the service (casing back) or the emergency (casing front) for the spring brake. The railhead is a “spring brake system” or “service brake system.” Use the railhead to assist you in determining the air valve system, which is responsible for the air valve system.

**HOW TO IDENTIFY YOUR SYSTEM**

All types of trailer air valve systems can be identified by troubleshooting procedures by starting from the railhead (brake control valve) and continuing through the other system. The spring brake control valve designates a system that is responsible for all trailer brakes. Service brakes are designated as the “service brake system” or “service brake system.”

**SYSTEM LETTER AND SOLUTION NUMBER**

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<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<td>8</td>
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**SOLUTION**

1. Check service chamber at chimney, push out and be sure there is air pressure.
2. Check service chamber for leaks or breaks.
3. Check service chamber for leaks or breaks.
4. Check service chamber for leaks or breaks.
5. Check service chamber for leaks or breaks.
6. Check service chamber for leaks or breaks.
7. Check service chamber for leaks or breaks.
8. Check service chamber for leaks or breaks.
9. Check service chamber for leaks or breaks.

**PROBLEM**

**SYSTEM OR COMPONENT FAILURE**

<table>
<thead>
<tr>
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<th>Valve Brake, Brake Line</th>
<th>Valve Brake, Valve Check</th>
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**RESULT**

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**FOR ABS Troubleshooting, See ABS Diagnostic Troubleshooting Guide (L20293).**

**TRAILER SYSTEMS TROUBLESHOOTING GUIDE (L15293)**

**COMMERCIAL VEHICLE SYSTEMS**

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**NOTE:** Procedures suggested on this chart are merely suggested and should not be construed to be all inclusive nor should the schematics be regarded as typical of piping patterns on all vehicles.