TIME DELAY HEIGHT CONTROL VALVE FOR TRACTOR AND TRAILER AIR SUSPENSIONS AND INDUSTRIAL APPLICATIONS

FEATURES AND BENEFITS

- Controlled response time delay technology maintains chassis position and conserves air to increase compressor life.

- Robust die cast zinc body, precision machined steel and durable plastic components to insure operation in extreme conditions.

- Available with 1/4”, 3/8” or metric filter fittings, with integral dump valves and break away arms. Combined with flexible right or left mounting options, these features allow ease of installation and reduce inventories.

- Minimum deadband range provides excellent control of suspension ride height to maintain drive system pinion angles.

- Optional integrated dump valve provides the ability to automatically or manually exhaust air from the suspension.
**PRODUCT SPECIFICATIONS**

*Intake (up)*

- Control Arm
- Exhaust (down)
- Exhaust (up)
- Optional Dump Valve
- "Out" to Air Spring
- "In" Air Supply
- Locating Pin
- Manufactured Date Code
- 1/4" Adjusting Lock Nut
- Adjusting Block

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**AVAILABE OPTIONS**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBING SIZE</th>
<th>DUMP VALVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>90054007*</td>
<td>1/4&quot;</td>
<td></td>
</tr>
<tr>
<td>90554114</td>
<td>LESS FITTINGS</td>
<td></td>
</tr>
<tr>
<td>90554147</td>
<td>METRIC</td>
<td></td>
</tr>
<tr>
<td>90554183*</td>
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</tr>
<tr>
<td>90554334</td>
<td>1/4&quot; or 3/8&quot;</td>
<td>Normally Open, Apply Air Pressure to Dump. Dump Valve Part No. 90554335</td>
</tr>
<tr>
<td>90554648</td>
<td>1/4&quot; or 3/8&quot;</td>
<td>Normally Closed, Release Air Pressure to Dump. Dump Valve Part No. 90554902</td>
</tr>
</tbody>
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**NOTE:** Parts are individually packed. Bulk packages and OEM Air Control Kits are available with OEM specified fittings. Contact your Haldex sales professional for assistance.

* Direct replacement for 90554186 Height Control Valve.

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**AIR CONTROL PIPING DETAIL**

- Piping Detail Without Dump Valve
- Piping Detail With Normally Open Dump Valve

**ISO SYMBOL**

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**PRODUCT SPECIFICATIONS**

- Exhaust Port Dump Valve
- Pilot Air Supply
- Dump Valve (Optional)
- 8.883" (224mm)
- 8.2" (206mm)
- 4.1" (105mm)
- 1.50" (38mm)
- Air Spring Port
- Short Arm Mounting Hole Dimension
- 5.2" (133mm)
- Air Spring Port
- Pressure Protection Valve
- Electric Solenoid Valve
- HDV with Dump
- Linkage 68100025

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**AVAILABLE OPTIONS**

- PART NO. 90054007* TUBING SIZE 1/4" DUMP VALVE
- PART NO. 90554114 LESS FITTINGS
- PART NO. 90554147 METRIC
- PART NO. 90554183* 3/8"
- PART NO. 90554334 1/4" or 3/8" Normally Open, Apply Air Pressure to Dump. Dump Valve Part No. 90554335
- PART NO. 90554648 1/4" or 3/8" Normally Closed, Release Air Pressure to Dump. Dump Valve Part No. 90554902

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