# VALVES

**WLVS / WLVT 2-Spool Loader Valve Assemblies**

**FEATURES:**
- WLVS: Series circuit, open center, convertible to power beyond only
- WLVT: Parallel circuit, open center, convertible to power beyond or closed center
- Conversion plugs are included
- Low spool leakage (3cc/min @ 1500 PSI)
- Adjustable inlet relief
- Load check on each spool
- Top & side inlet & outlet ports
- Float detent on spool A1-B1
- Joystick control w/dual spool lock
- Painted gloss black

THE WLVS SERIES VALVE IS NOT FOR USE IN CLOSED CENTER SYSTEMS

## WLVS / WLVT Assemblies, Parts and Accessories

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT (POUNDS)</th>
<th>LIST PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLVS21CGB5A1</td>
<td>LOADER VALVE ASSY, SERIES CIRCUIT</td>
<td>13</td>
<td>422.00</td>
</tr>
<tr>
<td>WLVT21CGB5A1</td>
<td>LOADER VALVE ASSY, PARALLEL CIRCUIT</td>
<td>13</td>
<td>422.00</td>
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</table>

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<tr>
<th>PART NO.</th>
<th>DESCRIPTION</th>
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<tr>
<td>660170106</td>
<td>POWER BEYOND PLUG ASSY</td>
<td>16.00</td>
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<tr>
<td>660170107</td>
<td>JOYSTICK KIT, COMPLETE W/HANDLE &amp; BOOT</td>
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</tbody>
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**Diagram:**
- **WLVS21CGB5A1 - SERIES**
- **WLVT21CGB5A1 - PARALLEL**

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WLVS / WLVT Specifications & Dimensional Data

SPECIFICATIONS:
- WLVS: Series circuit valve, open center
- WLVT: Parallel circuit valve, open center
- Nominal flow 12 GPM
- Max operating pressure 3625 PSI
- Max tank pressure 290 PSI
- Max operating temperature 180°F

SPOOL OPERATION:
- #1 A1/B1: Cylinder spool, float, spring center
- #2 A2/B2: Cylinder spool, spring center
- Inlet/outlet/tank ports: #8 SAE/ORB
- Adjustable Relief, 2500 PSI @ 10GPM
- (2000-3500 PSI adjustment range)
- Filtration recommendation: ISO 4406 19/17/14

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Performance Curves