### GRANNING AIR LIFT PARTS

#### Granning T-502L Air Lifts

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Part No.</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>180121</td>
<td>180121</td>
<td>Bolt, 3/8&quot;-16X7/8&quot;</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>1023321</td>
<td>103321</td>
<td>Lock Washer, 3/8&quot;</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>1390</td>
<td>1390</td>
<td>Lift Dome Ass'y</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>2B12-305</td>
<td>2B12-305</td>
<td>Air Spring Ass'y</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>3703</td>
<td>3703</td>
<td>Cable Lift Kit</td>
<td>2</td>
</tr>
</tbody>
</table>

**Item 5 Consists of items 6, 7, 8 and 9:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Part No.</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1235</td>
<td>1235</td>
<td>Pin, Lift Cable</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>103408</td>
<td>103408</td>
<td>Cotter Pin, 3/16&quot;X11/4&quot;</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>451539</td>
<td>451539</td>
<td>Jam Nut, 3/4&quot;-10 Gr5</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>1595</td>
<td>1595</td>
<td>Washer &quot;D&quot;</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>1387</td>
<td>1387</td>
<td>Plate Assembly</td>
<td>1</td>
</tr>
</tbody>
</table>

### LIFT AXLE CONTROL VALVE

#### Lift Axle Control Valve

**Part No. 110591**

Pressurizing the lift axle air spring to lift the axle causes the 110591 to close the control port to the delivery port. This prevents the service brakes from applying while the axle is in the up position.
### Height Control Valves

#### Immediate Response

**Type IR Height Control Valve**
- Adjusts air pressure with **no time delay** to maintain desired chassis position.
- Universal application - allows for RH or LH applications, horizontal or vertical installations.
- Can be used for truck, tractor and trailer air suspension applications, air cab, and industrial applications.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dual Port Delivery</th>
<th>Port Size</th>
<th>Flow Rate</th>
<th>Operating Temp.</th>
<th>Max. Work's Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>90554241</td>
<td>Yes</td>
<td>1/4&quot; NPT</td>
<td>10 SCFM</td>
<td>-40°F to +176</td>
<td>160 PSI</td>
</tr>
<tr>
<td>48100267</td>
<td>Linkage Repair Kit for this Valve (SRK205).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Pressure Protection Valve
Filters air and protects air supply from loss of pressure. Installed on air reservoir. Set to 65 PSI at factory.

- **Part No.** 90554107

#### 3 Way Electric Solenoid Valve
Three 1/4" ports. Included in air control kits for raising and lowering systems. Valve Normally Open:
- **Part No.** 90054075
- Valve Normally Closed:
  - **Part No.** 90054074

#### LINKAGE COMPONENTS

**Service Repair Kit**
- Linkage kit for use on Neway IR height control valve.
- Can be cut to required length.
- **Part No.** 48100267 (SRK205)

**Flexible Link Assembly Service repair Kit**
- For servicing height control valve link assemblies on air ride suspensions. Replaces link assemblies from 4.5" to 20" (one kit per height control valve)
- **Kit No.** 48100225 (SRK168)
- **Kit Contains:**
  1. 90006396 18.25" rod
  2. 90054516 link end
  3. 93900198 hose clamp
  4. 93900224 shoulder bolt
  5. 93900119 washer, 1/4"
  6. 93400060 1/4-20 locknut

#### Pilot Valve
Included in air control kits for raising and lowering systems.
- 1/8" pilot port
- 1/4" all other ports
- **Part No.** 90554615

#### Hand Valve
Includes mounting bracket for dash, steering column or floor mounting.
- **Part No.** E-4329 (90054082)
**Leveling Valve**

Used to maintain vehicle height on an air suspended chassis.
- Made of durable EGC (Engineering Grade Composite).
- One valve can be used for left and right installations.
- One valve can control two suspension bellows.
- Includes a standard vertical linkage which can be cut to desired length, and an adapter plate to allow changeover from competitive models.

*Part No. KN27000*

**Height Control Valve**

Automatically adds air to, or exhausts air from air suspension to maintain a constant static design height. Does not respond to short duration dynamic changes in axle position. Can be used in RH or LH applications.

On suspension supply line always use a pressure protection valve and filter attached directly to air reservoir in the supply to the height control valve.

All ports 1/8” NPT.

*Part No. 90054007*

**Ridewell Height and Leveling Control Valve**

For Air Suspensions, Cabs, Seats
- Responds instantly to correct air pressure, releveling chassis to desired ride height.
- Maintenance-free due to non-corrosive self lubricating, adjustment-free internal parts.
- Universal application - one model fits single or dual port deliveries for LH, RH, or center mount.

*Part No. 1054008*
Hadley Height Control Valve With Integrated Dump Valve

The 500 series is the fastest air spring fill and exhaust system available. Up to 300% faster fill and exhaust rates. Die cast body. Dump valve eliminates added on valves and associated plumbing and parts.
Tractor - trailer applications. Linkage and mounting brackets not included.
Part No. H500C

Hadley Standard Height Control Valve

Many OEM Applications. Interchangeable with other makes. Mount on right or left.
Part No. H450CE

Rapid Dump Air Suspension Valve

Part No. 032195
Replaces Bendix TR-3, SV-1 AND Humphrey 250A N/O valves.
Pilot operated and designed specifically for rapidly lowering truck air suspension systems. Durable zinc die cast body. 4 1/8" FPT ports.
Mounts on either right or left frame rail using 1/4" mounting holes.

The Sloan Lift Axle Control Module is supplied ready for installation. It is designed to control the raising and lowering of a lift axle by inflating and deflating the air bags. Control is done electronically, but a manual actuator is also available. The module incorporates a 4-way valve, regulator, DOT cartridge push-in fittings, automatic solenoid, and air gauge.
Part No. 1401138  (Axle normally down, w/gauge)
Part No. 1401140  (Axle normally up, w/gauge)

- Designed to reduce assembly time and errors current lift axle circutries present.
- Reduces use of parts by 50% compared to current lift axle circutries.
- Protected exhaust ports.
- DOT Cartridge push-in-fittings
- Temperature rating of -40°F to 160°F
- SAE J1128 AND IP65 compliant
- Solenoid rated for 9-16 VDC