• Fully automatic NHTSA compliant lift, operated by an attendant
• Loading position - either direction
• Interfaces with OEM interlocks
• Lift mounted lights - platform illuminated as it deploys
• Unique stacking platform improves driver and passenger visibility through the window
• Low platform stowed height of 31” for easy viewing out of the window and access to the door lock normally blocked by the platform
• Hand control with illuminated functions
• Mechanically operated Automatic Roll Stop (ARS) that will transition to the fully up position as the platform leaves the ground
• Locking mechanical Inboard Barrier (IB), powder coated yellow for safety and high visibility, prevents movement if occupied
• Pump design prevents platform folding when occupied, quiet operation and low current draw
• Durable redesigned baseplate reduces lift weight and allows for quicker and easier service of hose/wiring
• Easily installed, step-by-step installation instructions, no peripheral hardware required
• Visual and audible warning provides notification of unsafe conditions
• Parallel arms lift with hydraulic cylinders
• Side or rear door application
• Dual handrails for security and convenience
• Bridging feature permits the wheelchair user to board the lift from sidewalks or inclines
• Floor to ground travel is 48”
• Lifting capacity is 800 lbs
• Integrated back-up pump
• Equipped with an adjustable anti-rattle feature to avoid unpleasant noise in the vehicle during transit
• Durable high-gloss powder coated finish
• Lift-Tite system stows the lift platform securely while the vehicle is in transit
• Pump module with removable cover offers easy access to all components
General Function: Electrohydraulic, power up/gravity down operation
Operation: Hydraulic pump with two lifting cylinders
Control: hand-held control box
Hydraulic: Pressure Max. 2,495 psi, Fluid is Univis HVI 26, oil reservoir is .33 gal
Construction: Steel structure with powder coat finish
Operating Temperature: 0°F to 140°F
Power Supply: 12VDC
Current Consumption: Max. 70A (12V)
Rear Pump IB lift model shown.

All dimensions are for reference only.

### NVL2 Vista Series™ Dimensions

<table>
<thead>
<tr>
<th>Lift Model Number</th>
<th>Lift Weight (lbs)</th>
<th>Lifting Capacity (lbs)</th>
<th>Clear Platform Width</th>
<th>Clear Platform Length</th>
<th>Overall Lift Height</th>
<th>Max. Floor to Ground</th>
<th>Overall Lift Width</th>
<th>Min. Clear Door Opening Width</th>
<th>Min. Clear Door Opening Height</th>
<th>Threshold Area Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>NVL917IB-2, NVL917FIB-2</td>
<td>384</td>
<td>800</td>
<td>33”</td>
<td>51”</td>
<td>56.25”</td>
<td>48”</td>
<td>47”</td>
<td>42”</td>
<td>57.375”</td>
<td>18”</td>
</tr>
<tr>
<td>NVL919IB-2, NVL919FIB-2</td>
<td>397</td>
<td>800</td>
<td>34”</td>
<td>51”</td>
<td>56.25”</td>
<td>48”</td>
<td>48”</td>
<td>43”</td>
<td>57.375”</td>
<td>18”</td>
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</tbody>
</table>
NVL2 Vista Series™ NHTSA Installation Kits

<table>
<thead>
<tr>
<th></th>
<th>Side Door</th>
<th>Side Door with Std. Length Ext. Length</th>
<th>Rear Door</th>
<th>Rear Door</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodge Ram Promaster</td>
<td>38673KS</td>
<td>38674KS</td>
<td>38674KS</td>
<td>38674KS</td>
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<td>(2014 &amp; up)</td>
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<tr>
<td>Ford E-Series</td>
<td>30956K</td>
<td>30957K</td>
<td>30957K</td>
<td>30957K</td>
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<tr>
<td>(2015)</td>
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<tr>
<td>Ford Transit</td>
<td>400775KS</td>
<td>400779KS</td>
<td>400778KS</td>
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<tr>
<td>Ford Transit Template</td>
<td>400779KS</td>
<td>400801KS</td>
<td>400778KS</td>
<td>400778KS</td>
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<tr>
<td>Sprinter (2007 &amp; up)</td>
<td>34474KS</td>
<td>34120KS</td>
<td>401364KS</td>
<td>401364KS</td>
</tr>
<tr>
<td>Sprinter (2014 &amp; up)</td>
<td></td>
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</tr>
<tr>
<td>Sprinter Template</td>
<td>34474KS</td>
<td></td>
<td>401174KS</td>
<td>401177KS</td>
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<tr>
<td>(2014 &amp; up)</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Van Mounting Kits contain floor reinforcements for 403/404 compliance.

NVL2 Vista Series™ Accessories

- **31579KS**
  - Handrail Restraint Retractable - for 51” Platforms

- **35533KS**
  - Handrail Restraint Retractable - for 54” Platforms

- **35331KS**
  - Handrail Restraint Non-Retractable

- **35295K**
  - Upper Tower Support Kit

- **33659KS**
  - Replacement Hand-Held Control

- **402606KS**
  - Padding Kit NCL2 Series
The wheelchair lift is compliant with Federal Motor Vehicle Safety Standard 403 for platform lift systems for motor vehicles. The lift shall have been tested to a minimum static load of 2400#. The lift shall have 800# rated lifting capacity. The base plate shall be a corrugated designed member to provide rigidity to minimize lift deflection when placed under load.

The power supply shall be a 12 volt electro-hydraulic system operating two single-acting cylinders. The hydraulic power system shall allow for easy removal and field replacement. The operation of the unit shall provide a smooth, jerk-free ride in both up and down directions. The power operation of the hydraulic cylinders shall be of a pull-type design for smooth lifting operation and improved synchronous arm movement. The pivot pins in the trunnion (knuckle) of the pivot arms shall be of stationary design. The hydraulic system shall be regulated by two separate relief valves, one of which is designed to prevent accidental stowing when occupied.

The hand control for lift operation shall be of a one-hand operation design made of durable plastic. The control box will provide user with illuminated functions. The control cable shall be coiled with quick-change connections for ease of maintenance or field change.

A manual back-up system shall be provided to ensure operation of the lift in case of electrical failure. The backup system shall provide a reliable means of manually raising and lowering the lift while occupied. The back-up system shall fold and unfold the platform. The back-up pump shall be integrated with the hydraulic power pack system such that no hydraulic lines or fittings are required.

The platform shall be of steel construction, with two stackable sections for optimized view and minimized blind spots. The platform shall have a minimum usable wheelchair passageway width of 33 inches and a minimum usable length of 51 inches requiring a minimum 57 inch vertical clear door opening. All pivot areas shall be equipped with long life Teflon bushings. The sides of the platform shall be a minimum of 2.5 inches high.

The platform shall be automatically folded and unfolded and fully automatic in operation. The platform shall allow both inboard and outboard facing of wheelchair and mobility aid users. The platform entrance ramp shall be extruded aluminum for weight savings and have raised ribs for traction. The outer barrier must not raise if occupied with 25 lbs. The outer barrier shall be the sole outboard wheelchair retention device and shall be interlocked and comply with the FMVSS 403 requirements. Dual handrails shall be provided to add security and convenience. These handrails shall be 1.25 inch minimum diameter, minimum 30 inches in height, minimum of 8 inches in length, and withstand a 100# force in any direction (including vertical) without permanent deformation. The platform shall have “built in” lighting to meet 404 platform lighting requirements with no auxiliary lighting.

All lift components shall be finished with a baked-on powder coating, which will meet a salt spray test of 1000 hours, to provide corrosion resistance and a long service life. The BraunAbility Vista Series includes, but is not limited to the following model numbers:

- NVL917IB-2, NVL917FIB-2, NVL919IB-2, NVL919FIB-2

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