

## Selection of Vehicle Lift Type



The specific lift a person chooses depends on the combination of vehicle, hitch class, mobility device and their physical capabilities. When searching for a vehicle lift to accommodate a scooter, power chair or manual wheelchair, there are three types of lifts to consider: Hoist lifts, Hitch mount lifts and Hybrid lifts.

There are several important factors one should consider to determine the proper lift for a vehicle and end user. Key considerations include:

<ul style="list-style-type: none"> <li><b>Vehicle Type:</b></li> </ul>	<p><b>Van/SUV</b> Hoist Hitch Mount Hybrid</p>	<p><b>Truck</b> Hoist Hitch Mount</p>	<p><b>Sedan</b> Hitch Mount</p>
<ul style="list-style-type: none"> <li><b>User Capabilities:</b> Walking/Standing Hand Strength Manual Dexterity</li> </ul>	<p><b>Highly Capable</b> Hoist Hitch Mount Hybrid</p>	<p><b>Medium</b> Hybrid Hitch Mount</p>	<p><b>Low</b> Hybrid w/hold down Hitch Mount w/hold down</p>
<ul style="list-style-type: none"> <li><b>Protection from Elements:</b></li> </ul>	<p><b>Yes</b> Hoist (SUV/Van) Hybrid</p>	<p><b>No</b> Hitch Mount Hoist (Truck)</p>	
<ul style="list-style-type: none"> <li><b>Securement Methods Available:</b></li> </ul>	<p><b>Docking Device</b> Hoist/Truck Lift</p>	<p><b>Hold-Down Bar/Arm</b> Hitch Mount Hybrid</p>	<p><b>Q-Straint Retractors</b> Hitch Mount Hybrid</p>
<ul style="list-style-type: none"> <li><b>Ease of Operation:</b></li> </ul>	<p><b>Easy</b> Hitch Mount</p>	<p><b>Moderate</b> Hybrid</p>	<p><b>Moderate+</b> Hoist</p>
<ul style="list-style-type: none"> <li><b>Parking in Garage:</b></li> </ul>	<p><b>Yes</b> Hoist Hybrid</p>	<p><b>No*</b> Hitch Mount (lift extends beyond vehicle footprint)</p>	

Once an appropriate lift type is determined, it is important to verify its compatibility with the vehicle and mobility device. The **Harmar Compatibility Calculator** will help guide you through the process to analyze the scooter, power chair and manual wheelchair and provide calculations based on variables such as the vehicle's hitch class, maximum tongue weight and cargo area size to determine the **Best Match** for your application.