

JOEY INTERIOR VEHICLE PLATFORM LIFT - SPEC SHEET

PRODUCT SPECIFICATION	DESCRIPTION
Horizontal Drive Mechanism	Bruno's proven stairway rail rack-and-pinion design (10 years experience); Industry Exclusive, Best in Class
Verticle Actuation	Industry proven actuator with a 16" stroke providing for 27" of floor to ground travel.
Static Testing	Static tested to 3x rated load capacity (1050 lbs.) for 30 minutes; Industry Exclusive, Best in Class
Dynamic Testing	Dynamically tested to FMVSS 208S (20g) simulated crash loads. Met Max. capacity of lift (350 lb.) at 30 m.p.h. which is 20G (which is 20x the weight of lift and load combined) Industry Exclusive, Best in Class
Enviromental Testing	In accordance to Bruno's testing standards, The battery has been thoroughly tested for extreme weather conditions, -5°C (125°F)
Road Testing For Extreme Conditions	8 hours on Independent Rough Road Course to validate carriage charging systems.
Maximum Recommended Lifting Capacity	350 lbs./159kg, Best in Class.
Platform	DRIVE ON – DRIVE OFF platform allows users easy entry and exit. Adjustable "wheel chocks" provide added stability and user "stop location" when driving on.
Platform Finish	Soft grey textured finished matches interior vehicle theme.
Platform Dimensions	<p>Useable: Max. Length: Useable Area: 38"/96.5 cm(?) (Wider minivans may allow a longer scooter.) Max Width: 26"/66 cm Max Height: 34"/86 cm The seat back on the power chair may need to be folded down before loading into the vehicle. Some vehicles may allow for taller mobility devices. Overall Platform Size: 27" W x 44" H/ 96 cm x 112 cm</p>
On-board battery life	
Platform Self-leveling	Platform will nestle up to 5° in either fore or aft uneven surfaces
Mobility Device Possibilities	3 or 4 wheel scooters; front-mid-rear drive power chairs; rigid manual wheelchairs with customized Seating Systems.
Securement Method	<p>3-point Securement Package includes adjustable cam buckle straps and seat docking bar. Straps can be attached, tightened, and released with one hand – Best in Class</p> <p>OPTIONAL RETRACTABLE BELT PKG. UPGRADE (available for select applications) Includes (3) three retractable belts w/ large release tab and under seat docking bar (identical to ASL-250PWC 3pt. belt package). These belts are pre-installed on platform</p>
Power Source	Built-in battery with on-board charging mounted on a Traveling Carriage. This self contained power eliminates messy trailing power cords.
On-board Charging	Charges internal battery ONLY when vehicle is turned on. Lift will not drain vehicle battery.
Electronics	Robust electronics with built-in wiring on carriage protected by an elegant automotive styled shroud
Controller	Programmable controller for both horizontal and vertical speed including adjustable soft-start/stop to meet customers ability – Industry Exclusive, Best in Class
Joey Measurments	<p>Overall Length: 45"/114 cm Overall Width: 44"/112 cm Overall Height: 38"/97 cm Total Weight: 175 lbs. / 79 kg</p>
Hand Held Pendant	Single rocker switch lift control (one switch) including on/off power switch and holder mount.
Exposed Wiring	NONE. All electronic and wiring protected by an elegant automotive styled shroud.

PRODUCT SPECIFICATION	DESCRIPTION
Easy Verification That The Lift Is All The Way In The Vehicle To Close The Hatch.	Visible docking indicator light assures platform is secured all the way in the vehicle.
Dealer Installation	Easy one (1) person installation. Three (3) manageable boxes weighing 136 lbs., 60 lbs., 20 lbs., can be handled by one person. Lifts can be installed in one hour by one person.
Anti-Rattle	Safety pins prevent platform from rattling. Rubber bushings used to prevent metal to metal contact.
Mounting Kits	Most kits can be installed w/o drilling any holes, while still meeting the requirements of FMVSS 2085, Kits available for most minivans.
Minivan Installation	Easily installs in most minivans without drilling any holes.
SAFTY FEATURES	<p>a. Safety plate mounted to rear of carriage for obstruction sensing on horizontal travel only</p> <p>b. On/off switch on the pendant shuts off the power in case pendant falls on floor and something were to activate the toggle switch</p> <p>c. Safety pins prevent platform from moving in the event of an accident. Without these the platform and PWC could obstruct into the 2nd or 1st row of seating.</p>
Manual Back Up Systems	Bruno supplies a tool to hook onto either the horizontal or actuator motor. This tool can be attached to a cordless drill, and in seconds the lift can be back inside the vehicle.
Hardware	Joey lift mounts to vehicle using Grade 8 hardware. This is done to meet FMVSS 2085
Paint Finish	Acid-treated and power-coated finish for maximum rust resistance.
Main Mast Tower Design	Designed to meet large floor to ground distance while being as short as possible to fit in most minivans.
Installed Weight	175 lbs./79 kg.
Maximum Continuous Current Draw w/ 350 lb. Load	Less than 10 AMPS, Best in Class.
Shipping Weight	205 lbs.
Number of Boxes	Three (3) boxes weighing 136 lbs., 60 lbs. and 20 lbs.
Travel out/down speed w/ 350 lb. load	Out: 7 seconds Down: 17 seconds (speed taken from 27" off ground)
Travel up/in speed w/ 350 lb. load	Up: 21 seconds In: 8 seconds (speed taken from 27" off ground)
Bruno Customer Satisfaction	3-Year Limited Warranty.
Car Manufacturer Mobility Rebate Reimbursement-Accepted	Yes. The Joey is eligible for reimbursement under the terms of Mobility Programs offered by GM, Saturn, DaimlerChrysler/Dodge, Ford, Toyota, Volkswagen, Volvo and Lexus.

Vehicle Requirements:

A. 40"/102 cm min. Floor to ceiling and/or height of cargo opening for Joey tower only. Additional clearance may be required for scooter or power chair.

B. 44"/112 cm min. Inside edge of door sill to middle seats.

C. 4"/10 cm max. Sill height.

D. 27"/69 cm max. Floor of van to ground.

E. 44"/112 cm min. Between wheel housings and/or width of cargo opening for the Joey platform only. Additional width may be required for longer scooters or power chairs.

F. 45"/114 cm max. Separation between 3rd row recessed floor pockets used for the Joey floor mount installation.

G. 13"/33 cm max. Inside edge of door sill to outside edge of bumper.



1780 Executive Drive, P.O. Box 84 • Oconomowoc, WI 53066
(262) 567-4990 • FAX (262) 953-5501 • www.bruno.com