

ImpactStep - Innovative, cost-saving, safe.

Rhino Products' ImpactStep protects your vehicle from low-speed parking and loading impacts. This significantly reduces body repair costs and vehicle downtime which leads to big savings, particularly across entire fleets. ImpactStep is fitted with advanced shock absorbing units and a special pivoting bracket that protects the vehicle from low-speed impacts to keep your van moving. It has also been designed with health and safety in mind to protect van users with a full width design, large safety tread area and anti-slip gripping tape.



Parking and loading
protection



20 min assembly
& fitting time

DIMENSIONS

Dimensions

- Length
- Width
- Height

(L1)
(W1)
(H1)

Measurements

1662mm
135mm
95mm

WEIGHTS

Weight

(non sensor version)
14.61kg

Weight

(with with sensors/Connect+)
14.89kg

Outriggers weight

Min 4.44kg - max 13.91kg

Top of step to ground (unladen)

Min 350mm - max 420mm



Maximum load
carrying capacity

SHOCK ABSORPTION

The ImpactStep is able to protect your vehicle during parking and loading collisions thanks to a pair of innovative shock absorbers. It is possible that these will be damaged in the event of an impact caused by shearing of the 8.8 grade bolts used and therefore we offer a spares kit (SK206) with replacement shock absorbers.



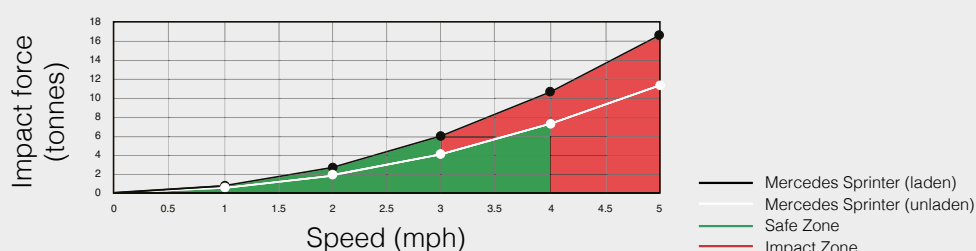
Unique rubber shock absorber



TESTING

The ImpactStep has been engineered to achieve a safe failure mode to minimise any significant damage occurring to the vehicle chassis. Following rigorous internal testing, the step was independently tested at Millbrook Proving Ground - one of the world's leading automotive industry test facilities.

During the Millbrook test, the ImpactStep's safe failure mode successfully withstood impacts of up to six tonnes at 3mph on a fully laden Mercedes Sprinter.



connect+

The ImpactStep comes in three options; without sensors, with an additional sensor kit or with our market leading Connect+ system.

Connect+ seamlessly integrates a vehicle's existing OEM parking sensors into a Rhino step via a simple a plug & play solution. This eliminates the need for expensive and time-consuming rewiring.



Remove OEM sensors



Place into step



Plug and play re-connect sensors



Reconnect to van

Please note: Connect+ is currently only available for selected vehicles.

CONNECT+ ON DHL FLEET




ImpactStep Connect+ has been specified by a number of logistics and courier fleets, including being specified by DHL for thousands of vans across more than 15 European countries.

GALLERY





MATERIAL	WHERE USED	ADVANTAGES
Aluminium 6063 T6		
<ul style="list-style-type: none"> - Clear anodised - Architectural alloy - Thickness 3.0mm 	<ul style="list-style-type: none"> - ImpactStep extrusion 	<ul style="list-style-type: none"> - Extremely durable, high tensile and yield strength - Excellent weight to strength ratio - Scratch resistant - High corrosion resistance
Composites		
<ul style="list-style-type: none"> - Polymer composite - Glass reinforced - Econyl GF30% 	<ul style="list-style-type: none"> - End caps right / left 	<ul style="list-style-type: none"> - Low weight, high strength ratio - High temperature variance - UV resistant
Rubber		
<ul style="list-style-type: none"> - Natural rubber 70 shore hardness - EPDM60 	<ul style="list-style-type: none"> - Shock absorption units - Rubber extrusion - Rubber infill - Hollow rubber spring - Anti-vibration washers 	<ul style="list-style-type: none"> - Excellent impact strength - Anti-vibration
Labels		
<ul style="list-style-type: none"> - Yellow textured anti-slip - Orafol Oralite 5600E Red 030 	<ul style="list-style-type: none"> - Tread tape for step - Reflective label 	<ul style="list-style-type: none"> - Anti-slip
Stainless steel 304		
<ul style="list-style-type: none"> - Polished - 18/8 quality - Thickness 1.5mm 	<ul style="list-style-type: none"> - Hex recess track plate 	<ul style="list-style-type: none"> - Durable - Rust free - Luxury finish
Mild steel		
<ul style="list-style-type: none"> - Mild powder coated steel 	<ul style="list-style-type: none"> - Ram support 	<ul style="list-style-type: none"> - High strength - Corrosion protected
Fixings		
<ul style="list-style-type: none"> - Multi-grip pop rivets (main connection method) - Bolts & (self locking) nuts size M8, combination of stainless and galvanised steel 		
Tools required for installation 		
<ul style="list-style-type: none"> - 13mm spanner (17mm and 19mm spanners also required on some vehicles) - Allen key (included) 		

