

MERCEDES SPRINTER REAR PROTECTION BAR

Suits Mercedes Sprinter 04/2024+



PRODUCT SPECIFICATIONS

Description:

Mercedes Sprinter Rear Protection Bar

Application:

Mercedes Sprinter 04/2024+

Fitting Time:

Minimum 1.25 Hrs

Refer to matrix for accessory fitup

Fitted Weight:

Non-factory step vehicles - **24.5kg**

Factory step vehicles - **15kg**

Manual Stretcher step vehicles - **23.5kg**

Dimensions:

Bar adds 245mm to vehicle length (RB046BL044, RB046SY044 & RB047BL048) & 230mm (RB046BL045)

Available:

Now

**Freight Information:**

RB046BL044/RB046SY044, RB047BL048 & RB046BL045 -
1890mm x 380mm x 330mm - 31kg



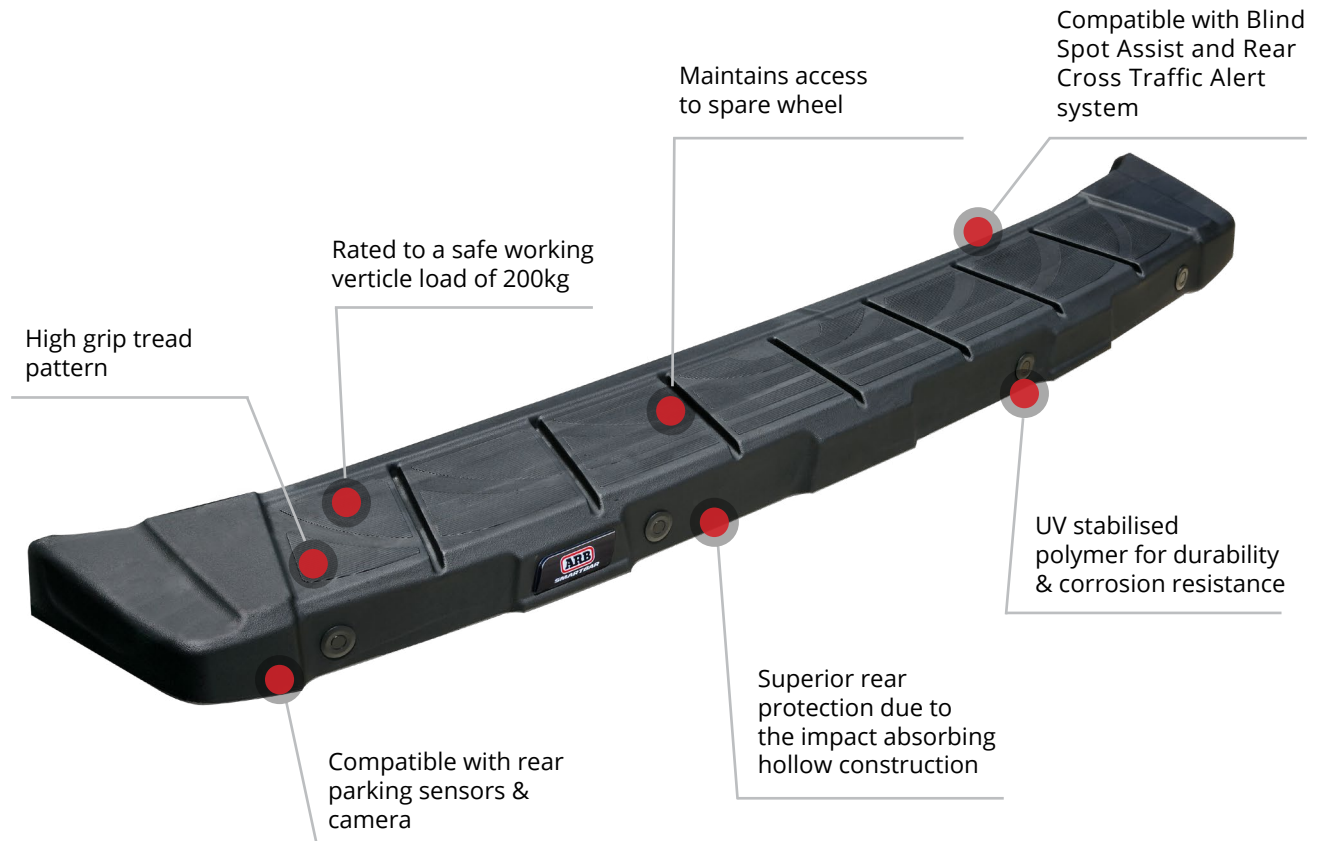
**PROUDLY
AUSTRALIAN MADE**

Designed specifically for the mid 2024-onward Mercedes-Benz Sprinter Van, the ARB SmartBar Rear Protection Bar (RPB) is a purpose-built protection step that delivers increased rear-end protection and is suited to a wide range of users.

Built for durability and functionality, the RPB is manufactured using SmartBar's signature roto-moulded, UV-stabilised polyethylene that offers excellent impact absorption while remaining lightweight and corrosion-resistant.

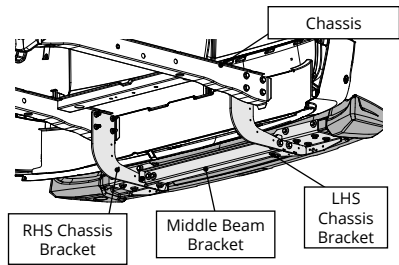
It is styled to complement the Sprinter's body and is fully compatible with key safety features, including the rear camera, parking sensors, and driver assistance packages.

Ideal for commercial fleets, emergency services, and recreational vehicle owners, the RPB provides dependable protection from low-speed impacts and reversing collisions. Safeguarding your vehicle and providing easy access to the rear of the van.



Safety Features

ARB SmartBar puts safety at the forefront. Going above and beyond to ensure the safety of the vehicle, occupants and pedestrians. Rear Protection Bars go through exhaustive testing, which proves the superiority of our impact resistant technology allowing us to confidently stand behind the quality and safety of our products.



Chassis Mounts:

The chassis mount design comprises of a three part construction which provides strength in the event of rear impacts and also top loading when being used as a step.



Pedestrian Safety:

ARB SmartBar's have been tested to Australia's Pedestrian Safety ratings and proven to be less likely to cause serious injury to pedestrians than other alternatives. This is due to the hollow construction which allows the bar to absorb most of the impact along with the unique and specifically designed co-polymer material.



Integrated Sensors:

The Rear Protection Bar is compatible with all Mercedes Sprinter active safety systems including but not limited to:

- Lane Assists
- Blind Spot Assist
- Rear CrossTraffic Alerts





Impact absorbing hollow construction means increased safety, and minimal repair costs after impact.

Manufactured from environmentally friendly, recyclable polyethylene polymer. UV stabilised polymer for durability and corrosion resistance and therefore minimal maintenance.


Lightweight design provides weight savings which improve fuel economy and reduce tyre, suspension and brake wear when compared to other alternatives.



Product Features

	Feature	Description	Included	Optional	Part Number
	Parking Sensor Compatible	<p>The original Mercedes rear bumper / factory step parking sensors are relocated into the Rear Protection Bar.</p> <p>For Non parking sensor vehicles a Parking sensor plug kit must be purchased. Part No, SA317NPS</p>	✓		-
	Rear 360 View Camera	The Rear Protection Bar is clearly visible on the reversing camera in the cabin and does not obscure the drivers view.	✓		-
	High Grip Tread Pattern	The top of the Rear Protection Bar has a high grip tread pattern moulded in allowing for a safe step when entering the vehicle from the rear.	✓		-
	Blind Spot Assist & Rear Cross Traffic Alert	Blind Spot Assist and Rear Cross Traffic Alert area of operation, are not affected with the install of the Rear Protection Bar.	✓		-

Product Features

	Feature	Description	Included	Optional	Part Number
	Manual Stretcher Model	A Rear Protection Bar variant with a section cut away to allow clearance for manual stretchers to fold down when being pushed into the rear of the vehicle.		✓	RB047BL049



Part Number Matrix

	Bar Colour				Accessories			
	Black RPB		Safety Yellow RPB		Mercedes Sprinter Rear Recovery Point LHS		Non-Parking Sensor Kit ⁴	
Model (Guide Only)	Part no.	Fitting Time	Part No.	Fitting Time	Part No.	Fitting Time	Part No.	Fitting Time
Standard Bar ²	RB046BL044	1.25 Hrs	RB046SY044 ⁵	1.2 Hrs	RB002RPK	15 Mins	SA317NPS	5 Mins
Rear Bumper Charge Plug Bar ^{1, 2}	RB046BL045	1.25 Hrs	-	-	RB002RPK	15 Mins	SA317NPS	5 Mins
Standard Manual Stretcher Bar ³	RB047BL048	1.25 Hrs	-	-	RB002RPK	15 Mins	SA317NPS	5 Mins

Notes:

- ¹ Required for NSW Ambulance Vehicles
- ² Compatible with Automatic Stretchers
- ³ Compatible with Manual Stretchers
- ⁴ This kit is required for vehicles without rear parking sensors only
- ⁵ Required for SA & VIC Ambulances
- Suits all lengths and configurations
- 12° departure angle at centre (16° departure angle on unladen factory vehicles)