

PRODUCT SPECIFICATIONS

**Publication Date:**

August, 2019

Description:

Ford Ranger PX3 SpartanBar

Application:

Ford Ranger PX3 (08/2018+)
XL, XLS, XLT & WildTrak

Fitting:

Minimum 3 Hours (Non Winch)
Minimum 4 Hours (Winch)
Minimum 4 Hours
(Winch Recovery Kit)
Minimum 2.5 Hours
(Retro Fit Winch Recovery Kit)

Available:

Now



Product Specification

Ford has given the highly successful Ranger a new facelift. The visual changes to the front end are subtle, with the most notable being a series of new grille designs across the range. With the new release additional features have been added, including automatic emergency braking, speed sign recognition and push button start for higher end models.

The SpartanBar is designed for the Ford Ranger as a partial bumper replacement, perfectly complementing the design and shape of the vehicle; accommodating most of the factory accessories and all the while providing unparalleled safety.

Designed to suit the XL, XLS, XLT & WildTrak models. The SpartanBar is engineered to be the lightest and safest VFPS available; offering even more protection and safety for Ford Ranger owners and importantly, pedestrians.

Protection & Styling Characteristics:

- Meets full Australian Standard AS 4876.1-2002. Including 3.2 Road User Protection
- Weight savings provide improved fuel economy and reduced tyre, suspension and brake wear when compared to other alternatives
- Fitted Weight of **35.5kg for Non Winch**
- Fitted Weight of **40kg for Winch**
- Fitted Weight of **43kg for Winch Recovery Kit**
- Bar adds 180mm to vehicle length
- Air Bag Compatible
- Bumper trim, easily fitted
- Superior frontal protection, due to the impact absorbing hollow construction
- Accepts the original vehicle fog lights
- Supplied with Durable LED Parker/Indicator Lights
- Supplied with 2 x Antenna Mounts
- Antenna mount location on loops of the bar, up to 4 available
- UV stabilised polymer for durability and corrosion resistance
- Styled to maintain the Vehicle's aesthetic
- Proudly designed and manufactured in Australia
- Minimal maintenance and repair costs after impact
- Manufactured from environmentally friendly, recyclable polyethylene polymer
- Available in Black as standard, other colours available for large order quantities
- Accommodates a large range of spotlights
- Accommodates up to 9,500lb winch (refer to winch page for winch compatibility)
- Compatible with ARB Recovery Points & Under Vehicle Protection
- SpartanBar is tested to ensure a HIC (Head Injury Criteria) figure below the Australian Standard rating of 1500, as to provide pedestrians with a higher probability of surviving a low speed impact
- Winch Recovery Kit available. (Refer to matrix for vehicle compatibility)

Adaptive Cruise Control with Forward Collision Alert:

The Ford Ranger PX3 features Adaptive Cruise Control with Forward Collision Alert as part of an option pack available on the XLT models and standard on the WildTrak.

The pack includes a front facing scanning radar and gives a range of extra features to the vehicle such as a Pre-Collision Assist - AEB with Pedestrian Detection.

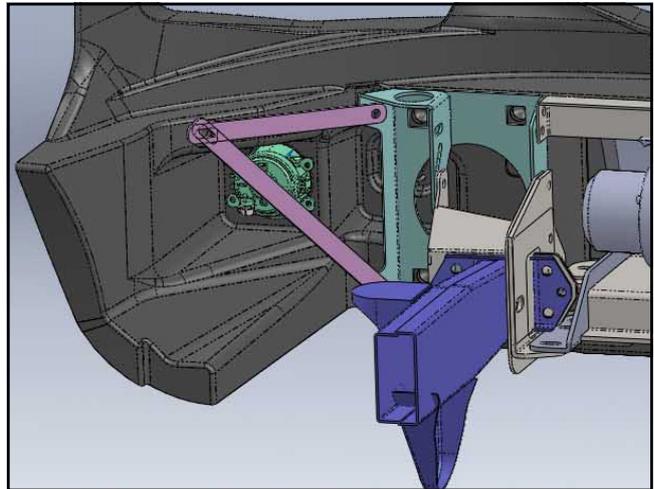
SmartBar's Design and Engineering team have developed the bar to accommodate this factory fitted optional accessory.

Ford have the following disclaimer (via www.ford.com.au) regarding the Adaptive Cruise Control and Forward Collision Warning "driver-assistance features are supplemental and do not replace the driver's judgement. Function may not operate in some driving and road conditions or adverse weather".

Chassis Mounts:

The chassis mount design for the Ranger SpartanBar comprises of a two part construction which allows for three axis adjustability, to achieve a solid and perfect fit every time.

All brackets have been tested and comply with Vehicle Air Bag, Winch Maximum Pull Exertion and Australian Safety Standards.



Pedestrian Safety:

SpartanBar's have been tested 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.



Bumper Trim:

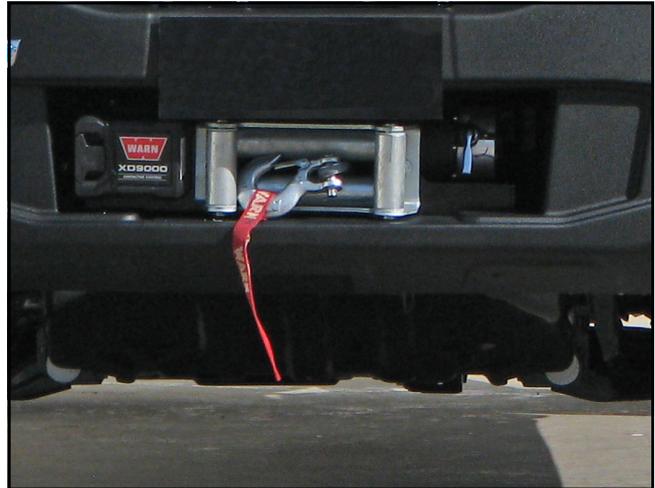
The bar is easily fitted as a partial bumper replacement and as such, requires a bumper trim during installation. Instructions are supplied with the bar to assist with fitment.



Winch Mount:

The SpartanBar winch bracket kit is winch compatible for winches up to 9,500lb. See overleaf for full winch details.

Please note that with some winches the control box can be mounted next to the fairlead.



Winch Recovery Kit

The SpartanBar winch recovery kit is winch compatible for winches up to 9,500lb.

When using a bridle strap the winch recovery kit is rated to 8000kg. Each individual side of the recovery point is rated to 4000kg.

The winch recovery kit can be purchased individually as a retro fit kit (SA260RK) for existing SpartanBars.

See winch model fitment page for full winch details.



Antenna Mounts:

There are antenna mount locations in the top loops of the bar. The SpartanBar is supplied with an inner and outer antenna mount bracket. Additional antenna mount brackets can be purchased:

Inner bracket (Vertical Mount): TP44805
Outer bracket (Horizontal Mount): TP50349



Ladder Rack:

There is a Ladder rack compatible SpartanBar available for purchase for XL models only. please refer to Product Matrix for part number information. Please note, where a Winch is intended to be used, the control box needs to be mounted to the spot light bracket which may affect fitment of larger spotlights.

Ladder rack must be supported with beam from the roof racks, canopy or tray body.



Plug and Play Harness:

An optional plug and play wiring harness is available for purchase, making the parker/indicator lights installation much simpler and saving on the overall time required to fit the bar to the vehicle.

Part Number: BP80296



LED Parker/Indicators

The SpartanBar is supplied with high quality LED parker/indicator lights as shown here in orange.

Please note the bar is also compatible with the OEM Fog Lights, but they are not supplied with the bar.



Optional Fog/DRL:

The original Ranger fog lights are compatible with the SpartanBar; with the exception of XL variants. For XL models SmartBar recommends installing an optional 90mm fog/day time running light combo light (supplied with full wiring harness).

A maximum of 2 x DRL's are permitted to ADR requirements.

Part Number: BP80311



Driving Light Mount:

The SpartanBar is supplied with an accessory bracket to mount driving lights, light bars and other accessories.

To see further details on light fitment see overleaf.



Adaptive Cruise:

The SpartanBar in both non-winch and winch version is compatible with the Ford Everest OE Adaptive Cruise module.

Please note that for **winch version only**, an additional kit is required to relocate the module to the accessory bracket. Doing so will restrict which lights can be mounted. Light bars will not fit on accessory bracket at all in this instance.

Part Number: SA230WAK



Parking Sensors:

For vehicle models with front parking sensors, the parking sensor kit is required to be purchased.

Vehicles come with either 4 or 6 front parking sensors. Vehicles with 6 sensors have Active Park Assist technology.

Part Number: SA232PSK



Winch Model Fitment:

The winch compatible Ford Everest SpartanBar fits the following winches:

- Warn M8000, XD9000¹, XP9.5 and XDC 9.5.
- Warn Magnum 8, 10
- Bushranger DV-9TH, DS9.5TH and Seal 9.5TH^{1,2}
- Bushranger REVO 10¹

The SpartanBar is supplied with an accessory bracket that mounts to the bar in front of the grille. With some winches the winch control box can be mounted on the accessory bracket between the spotlights^{1,3}.

Additional fit kits are required depending on the winch being fitted:

- A flip up number plate bracket is recommended for standard size number plates when SpartanBars are fitted with a winch, ARB Part number 3500630

¹Fitment of the control box to the accessory bracket will restrict the size of the lights that can be mounted. Light bars will not fit on accessory bracket at all in this instance.

²Not Compatible with Winch Recovery Kit

³If installing a Winch Recovery Kit, the Winch control box will need to be relocated to the Accessory Bracket or elsewhere.



Light Model Fitment:

The SpartanBar models accommodates the following Lights:

ARB Intensity:

- ARB Intensity 21
- ARB Intensity Light Bar AR40 (requires pedestal mount)

Bushranger Night Hawk lights:

- NHP180 (S&D) (180mm Round LED light)
- NHS055-NHS245 (5.5 inch to 24.5 inch light bars)

Note: Fitment of a winch control box to the accessory bracket will restrict the size of the lights that can be mounted. Light bars will not fit on accessory bracket at all in this instance.



PART NUMBER MATRIX



SPARTANBAR FORD RANGER PX3 08/2018+

		Non Winch	Winch	Winch Recovery Kit	Retro Fit Winch Recovery Kit ⁶	Parking Sensor Kit	Adaptive Cruise Kit	Optional Fog/DRL Combo Light ²	Optional Patch Wiring Harness ³	Optional Flip Up Number Plate Kit ⁴
Fitting Time		3 Hours	4 Hours	4 Hours	2.5 Hours	45 Mins	30 Mins	30 Mins		15 Mins
Ford Ranger Non Winch	Model (Guide Only)									
No Front Parking Sensors & No Adaptive Cruise	XL	SA175BL175	-	-	-	-	-	BP80311	BP80296	-
With Front Parking Sensors	XLS, XLT	SA175BL175	-	-	-	SA232PSK	-	-	BP80296	-
With Tech Pack (Active Park Assist ¹ & Adaptive Cruise)	XLT, WildTrak	SA175BL175	-	-	-	SA232PSK	-	-	BP80296	-
Fitting Time										
Ford Ranger Winch	Model (Guide Only)									
No Front Parking Sensors & No Adaptive Cruise	XL	-	SA175BL176	SA175BL260	SA260RK ⁶	-	-	BP80311	BP80296	3500630
Ladder Rack ⁵ (XL compatible only)	XL	-	SA207BL176LR	-	-	-	-	BP80311	BP80296	3500630
With Front Parking Sensors	XLS, XLT	-	SA175BL176	SA175BL260	SA260RK ⁶	SA232PSK	-	-	BP80296	3500630
With Tech Pack (Active Park Assist ¹ & Adaptive Cruise)	XLT, WildTrak	-	SA175BL176	SA175BL260	SA260RK ⁶	SA232PSK	SA230WAK	-	BP80296	3500630

Please note:

¹ The Active Park Assist vehicles have 6 parking sensors on the front of the vehicle.

² XLS, XLT & WildTrak OE fog lights are refitted into SpartanBar. Optional Aftermarket Fog/DRL light kit available for XL.

³ Only suitable for wiring standard parker/indicator lights supplied with bar. Will speed up and simplify the light installation, saving on the overall time required to fit the bar to the vehicle.

⁴ Flip Up Number Plate Kit (ARB part number 3500630) is recommended for winch bars with standard size number plates.

⁵ Ladder rack available for XL winch model only. The winch control box needs to be mounted to the spot light bracket, which can affect fitment of larger spotlights. The ladder rack must also be supported with a beam from the roof racks, canopy or tray body and adds an additional 21.5kg to the fitted weight of the winch compatible SpartanBar (i.e. 61.5kg total fitted weight including bar, bracket kit and ladder rack). The addition of the Ladder Rack to the SpartanBar will affect the pedestrian safety of the product.

⁶ Not required for new bar installations. Only required for retro fit to vehicles with winch bar already installed.