

PRODUCT SPECIFICATIONS

**Publication Date:**

February, 2019

Description:

Ford Ranger PX2 StealthBar

Application:

Ford Ranger PX2 (2015-07/2018)
XL, XLS, XLT & WildTrak

Fitting:

Minimum 3 Hours (Non Winch)
Minimum 4.5 Hours (Winch)
Minimum 4.5 Hours
(Winch Recovery Kit)
Minimum 2.5 Hours
(Retro Fit Winch Recovery Kit)

Available:

Now



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Product Specification

Ford have released the Ranger PX2, featuring a number of changes in the visual appearance of the vehicle.

The StealthBar is designed for the Ford Ranger as a complete bumper replacement, blending seamlessly into the vehicle; accommodating most of the factory accessories and all the while providing unparalleled safety.

Designed to suit the XL, XLS, XLT, Limited (Europe) and WildTrak models. The StealthBar is engineered to be the lightest and safest bumper replacement VFPS available; offering even more protection and safety for Ranger owners and pedestrians.

The Ford Ranger maintains the ANCAP 5 Star rating with the StealthBar fitted and has passed the stringent European directive (EC No 78/2009) on the type-approval of motor vehicles with regard to the protection of pedestrians and other vulnerable road users.

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 **24kg for Non Winch**
- Fitted Weight of **29kg for Winch**
- Fitted Weight of **32kg for Winch Recovery Kit**
- Full bumper replacement, easily fitted
- Superior frontal protection, due to the impact absorbing hollow construction
- Accepts the original vehicle fog lights* (refer to Notes in Part Number Matrix)
- Antenna mount location on top of the accessory bracket
- UV stabilised polymer for durability
- Styled to maintain the Vehicle's aesthetic
- Proudly designed and manufactured in Australia
- Minimal repair costs after impact
- Minimal maintenance
- Manufactured from environmentally friendly, recyclable polyethylene polymer
- Available in Black as standard, other colours available for large order quantities
- Compatible with Ford front parking sensors (refer to Part Number Matrix for kit requirements)
- Accommodates a large range of spotlights
- Accommodates up to 12,000lb winch (refer to winch page for winch compatibility)
- StealthBar adds 130mm to the overall length of the vehicle
- 29° approach angle on centreline, 49° approach angle in front of wheel
- Side wing under body protection
- Compatible with ARB Under Vehicle Protection and ARB Recovery Points
- Winch Recovery Kit available. (Refer to matrix for vehicle compatibility)

Adaptive Cruise Control with Forward Collision Alert:

Ford's PX2 Ranger features an Adaptive Cruise Control with Forward Collision Alert as part of an option pack available on the XLT and standard equipment on WildTrak models. The system uses a multi-mode electronic scanning radar to combine a wide mid field of view with long range coverage.

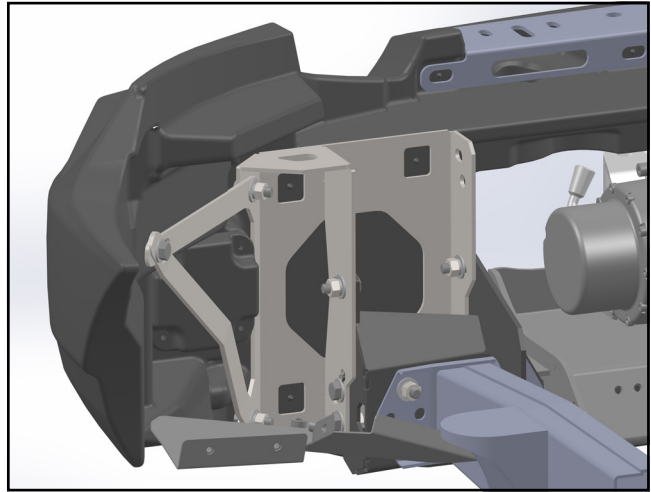
SmartBar's Design and Engineering team have developed the StealthBar to accommodate this factory fitted optional accessory.

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:

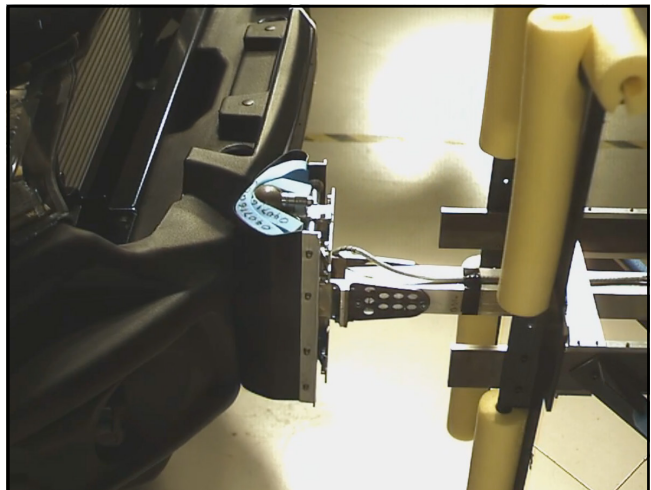
The chassis mount design for the Ford Ranger StealthBar comprises of a two part construction which allows for three axis adjustability, to achieve a solid and perfect fit every time.

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



Pedestrian Safety:

SmartBar'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.



Recovery Point:

The StealthBar in both winch and non winch configurations is compatible with the ARB recovery points, to assist with vehicle recovery. Shown in red to the right.



Under Vehicle Protection:

The StealthBar in both winch and non winch configurations, is compatible with the ARB under vehicle protection (UVP). Side under wing protection is supplied with the StealthBar to cover the vehicle components outside of the chassis rails.



Adaptive Cruise:

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

Please note that for winch version, an additional kit is required to be purchased to relocate the module to the front of the winch bracket.

See Matrix for Winch Recovery Kit compatibility with Adaptive Cruise Vehicles.

Part Number: SA183-WAK



Full Bumper Replacement:

The StealthBar is a full bumper replacement designed to maintain the aesthetic of the Ford Ranger.



Antenna Mounts:

Antenna / Sand Flag mounts are conveniently located in the centre of the StealthBar for a single antenna. Additional antenna mounts can be purchased separately and attached to the accessory bracket.

Part Number: MM50822



Driving Light Mounts:

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

This accommodates the ARB Intensity range and IPF 800, 808, 900 series lights.

The mount includes pinning holes for the Intensity lights and light bars (620mm long max).



Winch Mount:

The StealthBar winch bracket kit is winch compatible for winches up to 12,000lb.

Please note that if fitting a Warn Zeon winch, the Warn Zeon Control Box Mount Kit is required to be purchased (SA183-ZWK) along with the Warn wiring kit W89965. This will also render the bar unable to accept any light bars.



Winch Recovery Kit

The SmartBar 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 StealthBars.

See winch model fitment page for full winch details.



Optional DRL Strip:

The StealthBar has an area designed to incorporate an optional high quality Hella day time running light (DRL) to provide additional safety when driving during daylight hours.

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

Part Number: BP80052



Optional Fog/DRL:

The original Ranger fog lights are compatible with the StealthBar; with the exception of XL & WildTrak variants. For XL & WildTrak 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



SmartBar All in 1 Light option:

The SmartBar All in 1 Light can be fitted as an option. This light has a driving light, daytime running light, fog light, parking light and indicator. The All in 1 Light comes with a 5 year warranty.

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

Part Number: SAALK



Parking Sensors:

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

Part Number: SA232PSK



Winch Model Fitment:

The winch compatible Ford Everest StealthBar fits the following winches:

- Warn M8000, XD9000, XP9.5 and XDC 9.5.
- Warn Magnum 10, 12¹
- Warn ZEON 8, 8-S, 10, 10-S and 12¹
- Warn ZEON Platinum 10, 10-S and 12¹
- Bushranger DV-9TH, DS9.5TH and Seal 9.5TH
- Bushranger REVO 10

The StealthBar 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^{2,3}.

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

- Warn Zeon and Zeon Platinum fitment requires the Warn Part number W89965 Short wiring kit and Zeon control box mount kit SA183-ZWK. This kit includes a control box mount and additional antenna mount.
- A flip up number plate bracket is recommended for standard size number plates when Stealth Bars are fitted with a winch (ARB Part No. 3500630).
- Warn ZEON Platinum fitment may require part No. W94288 Enhanced Signal Kit.

¹Winch Control Box will need to be relocated to the Accessory Bracket.

²Fitment 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.

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 StealthBar for the Ford Ranger 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)

IPF Lights:

- 801/901 Xtreme Sport Series
- 800/900 HID Series
- 800/900 Series
- 900 Xtreme LED Sport Series
- 868/968 Series
- 930 Super Rally

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



STEALTHBAR FORD RANGER PX2 2015-07/2018

		Non Winch	Winch	Winch Recovery Kit ⁵	Retro Fit Winch Recovery Kit ^{5,6}	Parking Sensor Kit	Adaptive Cruise Kit	Optional Fog/DRL Light Kit ¹	Optional Day Time Running Lights	Optional SmartBar All in 1 Light	Optional Flip Up Number Plate Kit ²	Kit required if fitting a Zeon Winch ³	Optional Antenna Mount Bracket ⁴
Fitting Time		3 Hours	4.5 Hours	4.5 Hours		45 Mins	30 Mins	30 Mins	45 Mins	1 Hour	15 Mins	15 Mins	15 Mins
Ford Ranger Non Winch	Model (Guide Only)												
No Front Parking Sensors & No Adaptive Cruise	XL	SA180BL180	-	-	-	-	-	BP80311	BP80052	SAALK	-	-	MM50822
With Front Parking Sensors	XLS, XLT	SA180BL180	-	-	-	SA232PSK	-	-	BP80052	SAALK	-	-	MM50822
With Front Parking Sensors & Adaptive Cruise	XLT	SA180BL180	-	-	-	SA232PSK	-	-	BP80052	SAALK	-	-	MM50822
WildTrak with Front Parking Sensors & Adaptive Cruise	WildTrak	SA180BL180	-	-	-	SA232PSK	-	BP80311	BP80052	SAALK	-	-	MM50822

Fitting Times

Ford Ranger Winch	Model (Guide Only)												
No Front Parking Sensors & No Adaptive Cruise	XL	-	SA180BL183	SA180BL261	SA260RK ⁶	-	-	BP80311	BP80052	SAALK	3500630	SA183-ZWK	MM50822
With Front Parking Sensors	XLS, XLT	-	SA180BL183	SA180BL261	SA260RK ⁶	SA232PSK	-	-	BP80052	SAALK	3500630	SA183-ZWK	MM50822
With Front Parking Sensors & Adaptive Cruise	XLT	-	SA180BL183	-	-	SA232PSK	SA183-WAK	-	BP80052	SAALK	3500630	SA183-ZWK	MM50822
WildTrak with Front Parking Sensors & Adaptive Cruise	WildTrak	-	SA180BL183	-	-	SA232PSK	SA183-WAK	BP80311	BP80052	SAALK	3500630	SA183-ZWK	MM50822

Please note:

¹ XLS & XLT OE fog lights are refitted into the StealthBar. Aftermarket Fog/DRL light kit available for XL & WildTrak (WildTrak OE fog lights are not compatible).

² Flip Up Number Plate Kit (ARB part number 3500630) is recommended for winch bars with standard size number plates.

³ Warn Zeon and Zeon Platinum fitment requires the Warn part number W89965 short wiring kit and Zeon control box mount kit SA183-ZWK. This includes a control box mount and additional antenna mount.

⁴ Additional antenna mount brackets can be purchased separately and attached to the accessory bracket (part number MM50822).

⁵ Winch Recovery Kit is not compatible with Adaptive Cruise Vehicles.

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