

# PRODUCT SPECIFICATIONS

**Publication Date:**

February, 2019

**Description:**

Ford Ranger PX3 StealthBar

**Application:**

Ford Ranger PX3 (08/2018+)  
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



**PROUDLY  
AUSTRALIAN MADE**



## 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 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 & 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
- Optional SmartBar All in 1 Light includes daytime running light, fog, parker & indicator. Driving light functionality can be added with additional wiring harnesses. 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 9,500lb 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:

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.

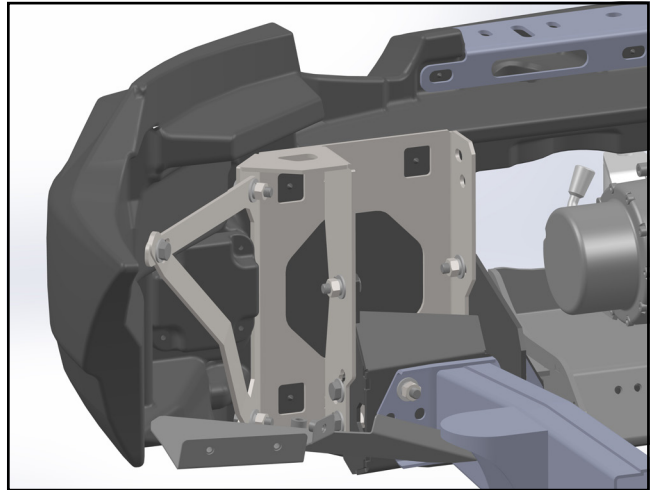
SmartBar's Design and Engineering team have developed the StealthBar to accommodate this factory fitted optional accessory.

Ford have the following disclaimer (via [www.ford.com.au](http://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:

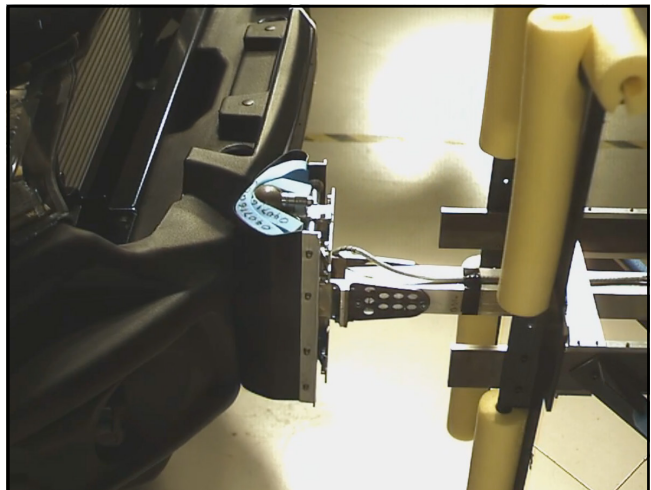
The chassis mount design for the Ranger StealthBar comprises of a two part construction which allows for three axis adjustability, to achieve a solid and perfect fit every time.

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 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



## 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 the variant. 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



## 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.

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 StealthBar fits the following winches:

- Warn M8000, XD9000, XP9.5 and XDC 9.5.
- Warn Magnum 10, 12<sup>1</sup>
- Warn ZEON 8, 8-S, 10, 10-S and 12<sup>1</sup>
- Warn ZEON Platinum 10, 10-S and 12<sup>1</sup>
- 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<sup>2,3</sup>.

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.

<sup>1</sup>Winch Control Box will need to be relocated to the Accessory Bracket.

<sup>2</sup>Fitment 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.

<sup>3</sup> If installing a Winch Recovery Kit, the Winch control box will need to be relocated to the Accessory Bracket.





## 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 PX3 08/2018+

		Non Winch	Winch	Winch Recovery Kit	Retro Fit Winch Recovery Kit <sup>6</sup>	Infill Kit	Parking Sensor Kit	Adaptive Cruise Kit	Optional Fog/DRL Light Kit <sup>2</sup>	Optional Day Time Running Lights	Optional SmartBar All in 1 Light	Optional Flip Up Number Plate Kit <sup>3</sup>	Kit required if fitting a Zeon Winch <sup>4</sup>	Optional Antenna Mount Bracket <sup>5</sup>
Fitting Time		3 Hours	4.5 Hours	4.5 Hours	2.5 Hours	15 mins	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	-	-	-	SA232FK	-	-	BP80311	BP80052	SAALK	-	-	MM50822
With Front Parking Sensors	XLS, XLT	SA180BL180	-	-	-	SA232FK	SA232PSK	-	BP80311	BP80052	SAALK	-	-	MM50822
With Tech Pack (Active Park Assist <sup>1</sup> & Adaptive Cruise)	XLT, WildTrak	SA180BL180	-	-	-	SA232FK	SA232PSK	-	BP80311	BP80052	SAALK	-	-	MM50822
Fitting Times														
Ford Ranger Winch		Model (Guide Only)												
No Front Parking Sensors & No Adaptive Cruise	XL		SA180BL183	SA180BL261	SA260RK <sup>6</sup>	SA232FK	-	-	BP80311	BP80052	SAALK	3500630	SA183-ZWK	MM50822
With Front Parking Sensors	XLS, XLT		SA180BL183	SA180BL261	SA260RK <sup>6</sup>	SA232FK	SA232PSK	-	BP80311	BP80052	SAALK	3500630	SA183-ZWK	MM50822
With Tech Pack (Active Park Assist <sup>1</sup> & Adaptive Cruise)	XLT, WildTrak		SA180BL183	SA180BL261	SA260RK <sup>6</sup>	SA232FK	SA232PSK	SA230WAK	BP80311	BP80052	SAALK	3500630	SA183-ZWK	MM50822

Please note:

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

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

<sup>3</sup> Flip Up Number Plate Kit (ARB part number 3500630) is recommended for winch bars with standard size number plates.

<sup>4</sup> 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.

<sup>5</sup> Additional antenna mount brackets can be purchased separately and attached to the accessory bracket (part number MM50822).

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