

PRODUCT SPECIFICATIONS

**Publication Date:**

February, 2019

Description:

Ford Everest SmartBar

Application:

Ford Everest 2016-2018 Models
Ambiente, Trend & Titanium

Fitting:

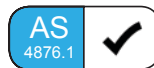
Minimum 3 Hours (Non Winch)
Minimum 4 Hours (Winch)

Available:

Now



PROUDLY
AUSTRALIAN MADE



Product Specification

The Ford Everest is designed to tackle tough terrain and unexpected obstacles and will take you nearly anywhere you want to go. Wherever this may be the team at SmartBar want you and your vehicle to be protected.

The SmartBar is designed for the Ford Everest 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 Ambiente, Trend & Titanium models. The SmartBar is engineered to be the lightest and safest bumper replacement VFPS available; offering even more protection and safety for Ranger owners and 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**
- Bar adds 180mm to vehicle length
- Air Bag Compatible
- Bumper trim, easily fitted
- Superior frontal protection, due to the impact absorbing hollow construction
- Does not accept 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
- SmartBar 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

Adaptive Cruise Control with Forward Collision Alert:

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

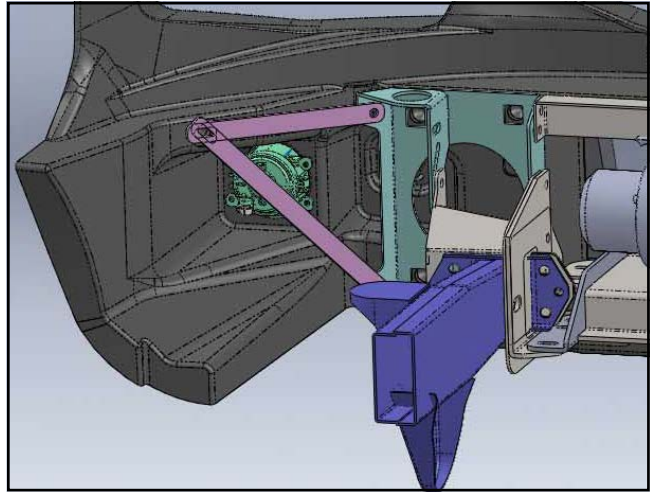
SmartBar's Design and Engineering team have developed the bar to accommodate this factory fitted optional accessory.

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 Ford Everest SmartBar 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.



Adaptive Cruise:

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

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

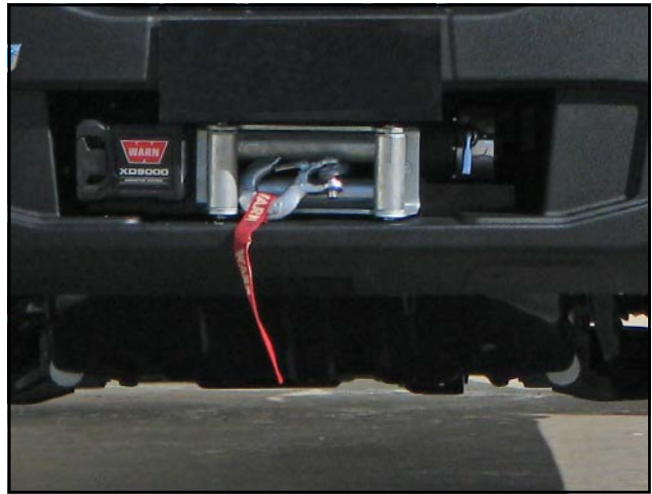
Part Number: SA176-WAK



Winch Mount:

The SmartBar 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.



Antenna Mounts:

There are antenna mount locations in the top loops of the bar. The SmartBar 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



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.



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 SmartBar is supplied with high quality LED Parker Indicator lights as shown here in the orange.

Please note the bar is not compatible with the OEM Fog Lights.



Optional Fog/DRL:

The original Everest fog lights are not compatible with the SmartBar. 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 Mounts:

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

To see further details on light fitment see overleaf.



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: SA175-PSK



Winch Model Fitment:

The winch compatible Ford Everest SmartBar fits the following winches:

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

The SmartBar 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**.

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 SmartBars are fitted with a winch, ARB Part number 3500630.

*Warn XD9000 & Bushranger control box will mount on winch frame next to the fairlead.

**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.



Light Model Fitment:

The SmartBar 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



SMARTBAR FORD EVEREST 2016-2018

Fitting Time	3 Hours	4 Hours	45 Mins	30 Mins	30 Mins	15 Mins
Ford Everest Non Winch	Model (Guide Only)					
Standard Bar	SA175BL175					
With 4 Front Parking Sensors & Adaptive Cruise	SA175BL175		SA175-PSK	BP80311	BP80296	
With Active Parking Assist ¹ & Adaptive Cruise	SA175BL175		SA175-PSK	BP80311	BP80296	
Fitting Times						
Ford Everest Winch	Model (Guide Only)					
Winch Bar	SA175BL176					3500630
With 4 Front Parking Sensors & Adaptive Cruise	SA175BL176		SA175-PSK	SA176-WAK ⁴	BP80296	3500630
With Active Parking Assist ¹ & Adaptive Cruise	SA175BL176		SA175-PSK	SA176-WAK ⁴	BP80296	3500630

Please note:

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

²The Everest OE fog lights are not compatible with the SmartBar. Optional aftermarket Fog/DRL light kit available.

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.

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