An ARB Sahara bar has been developed to suit both the Ford Everest and the PXII Ranger. Front bumper profiles, whilst similar, differ slightly between the PXII Ranger and the Everest. To overcome this fitting instructions provide different cutting templates to suit each model.

The new bar also includes provision for original equipment front parking sensors as standard. Blanking plugs are included for those vehicles not equipped with OE sensors.

A number of accessories are available for the PXII and Everest Summit bar including:

- Adaptive Cruise Control brackets
- ARB Fog Lights and clear covers
- Various Warn, Bushranger and Smittybilt winch fitment
Features:

- Sahara Bar has been designed for the Ford PXII and Ford Everest (not Titanium model due to Active Park Assist).
- Registered design of styling and design components.
- Durable steel construction for maximum protection.
- Incorporates ARB’s renowned multi fold upswept and tapered wing design for optimum strength and approach angle.
- 30mm radius on wings and centre section.
- Superbly engineered, air bag compatible mounting system secures to chassis via high tensile bolts and hardware. Additional bracing included to provide support around an OE chassis weld.
- Split pan design for maximum strength and airflow.
- 2 piece grill design for split pan.
- Extensive protection panels on centre and either side. The centre panel includes additional laser cut holes for additional airflow.
- Pressed form top pan and aluminium (powder coated satin black) winch cover panel.
- Combination style bar to suit both winch and non-winch applications.
- Twin Hi-Lift jack points located below each buffer for optimum strength.
- Durable two piece buffers including cover strap intersection caps.
- Will accommodate Warn, Magnum, Bushranger and Smittybilt low mount model electric winches up to 10,000lb.
- Provision for Original Equipment front parking sensors. Blanking plugs supplied if no OE parking sensors fitted.
- Provision to accommodate ARB Intensity LED’s and a range of IPF lights.
- Provision for optional ARB Fog Light kit part no 3500590.
- Includes ARB LED Indicator and Clearance light.
- Two aerial brackets located on the top of the optional centre tube. Mounting locations provided on the centre pan for when no tube kit is fitted.
- Bar adds approximately 174mm to the overall length of the vehicle.
- Approximate weight of the bar, chassis mounts and fitting kit is 77kg.
- Zinc rich primer for additional rust resistance.
Part Numbers And Pricing:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Barcode</th>
<th>Product Group</th>
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<tbody>
<tr>
<td>3940420</td>
<td>S/BUMPER PXII RANGER EVEREST150N AF2O 8-10 INCL SENSOR</td>
<td>9332018042842</td>
<td>011 – ARB Sahara Bars</td>
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<td>SAHARA TUBE PXII RANGER</td>
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<td>016 – Front Bar Options</td>
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<td>BUFF KIT 2PCE REAR SAHARA TUBE</td>
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<td>BUFF KIT 2PCE REAR SAHARA BMPR</td>
<td>9332018035561</td>
<td>016 – Front Bar Options</td>
</tr>
</tbody>
</table>

Adaptive Cruise Control With Forward Collision Alert:

Adaptive Cruise Control is available on various models of both the PXII Ranger and the Everest.

The Ford system is mounted on the driver’s side of the lower bumper assembly. The system provides two measurement modes by combining a wide field of view at mid range with a more concentrated long range field of view. The system can identify up to 64 objects and update their position 20 times a second.

ARB’s engineers have developed a simple relocation bracket to move the adaptive cruise control module into the split pan of the ARB Sahara Bar on the right hand side. The original wiring loom is retained and re-routed to mount the unit.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Barcode</th>
<th>Fitting</th>
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</thead>
<tbody>
<tr>
<td>3540150</td>
<td>ADAPTIVE CRUISE CONTROL KIT</td>
<td>Suits 3440510/3440530</td>
<td>9332018040503</td>
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Fitting instructions included with the kit detail alignment of the bracket. If the vehicle stance is variable ie due to towing or additional loads being carried/removed from the vehicle, performance of the Adaptive Cruise Control may be effected due to the angle of operation.

Regular cleaning and maintenance of the adaptive cruise control module, fasteners and bracket is recommended to ensure correct operation of the system.

Please ensure that customers are aware that driver assistance features are supplemental and do not replace the driver’s judgement. Full adaptive cruise control functions may not operate in some driving conditions and road conditions or adverse weather.
Parking Sensors:

The Sahara Bar for the PXII and Everest includes provision for the original equipment front parking sensors (not Everest Titanium due to additional sensors for Active Park Assist).

Parking sensors have been mapped in their original position on a standard equipment Ford Ranger PXII Wildtrak and Ford Everest Trend. When fitted to the ARB Sahara Bar the outer sensors are located approximately 195mm higher than the OE condition. The two central positions are approximately 115mm higher than the OE condition. Detection height of the sensors has increased by approximately 120mm for the outer and approximately 100mm for the inner sensors. When fitted with larger diameter tyres and / or aftermarket suspension these parking sensor positions and hence range may also be affected.

Further real world testing has been conducted evaluating the operation of the sensors against such items as rubbish bins, parking bollards, wire fences, large rocks and step driveway entrances. Test results show that sensor performance is replicated as close as practical with the change in height of the sensors location.

When fitted, the parking sensors sit proud of the face of the bar. If the vehicle is not fitted with the OE parking sensors blanking plugs are included.

Chassis Mounts:

The chassis mounts developed for the 2011 on Ranger Summit bar have been retained for the PXII / Everest Sahara bar. The chassis mounts include bracing from the bar back to and around the chassis. These are required to provide valuable support around the consistency of an OE chassis weld.

The brace ties the bar into a cradle around the chassis rather than just mounted on the face of the chassis flange. This bracing is particularly important for vehicles used in extreme conditions.

Under Pan Protection Panels:

The centre under pan protection panel includes laser cut holes to add to the strength of the panel and aid with air flow to the radiator and front mount intercooler.

The centre and side protection panels are manufactured from laser cut and folded 2mm steel. These panels are finished with a zinc rich primer and a top satin black powder coat.
Press Formed Top Pan:

ARB’S Sahara Bar for the PXII Ranger and Everest features a pressed form top pan. The press form adds strength to the pan whilst allowing for the winch cover panel to be recessed for a seamless appearance.

Buffers, Centre Pan Grill And Fog Light Surround:

The 2015 on Ford Ranger and Everest Sahara Bar features two piece buffers, centre pan grill and ARB’s fog light surround (Fog light part number 3500590 is optional. Refer following fog light section). All three components are designed to integrate with each other and the bar design.

The upright section of the two piece buffer has a style line to complement the fog light surround. The front section of the buffer is included in the fitting kit of the bar. Refer above table for top buffer section part numbers.

To provide access to winch clutch handles and to assist with valuable airflow to the radiator and intercooler the split pan has a two piece grill for an integrated, OE style appearance.

An access door on the left hand side allows access to winch clutch handles. This door also overcomes clutch lever access when larger lights are fitted to the top pan.

Fog Lights:

ARB’s Sahara for the Ranger and Everest features ARB’s new fog light surround that accepts ARB’s 51W Fog Light, part number 3500590. The surround is supplied standard with a screw in cover if no fog light is to be fitted.

The fog light surround will be supplied in a natural black finish to complement the buffer and design.

ARB Auxiliary Fog Light Loom Part number 3500530 is required if fitting the ARB Fog Light option.

A clear fog light cover has been developed separately under part number 3500680.
Led Clearance Light / Turn Signals:

Press form apertures in each wing are provided to fit ARB’s LED clearance light / turn signal.

Winch Model Fitment:

The ARB Sahara Bar for the Ford Ranger and Everest fits the following winches:

- Warn M8000, XD9000, XP9.5 and XDC 9.5
- Warn ZEON 8, 8-S, 10 and 10-S
- Warn ZEON Platinum 10, 10-S
- Warn Magnum 8K, Magnum 10K
- Smittybilt Gen2 X20 10K
- Bushranger DV-9TH, DS-9.5TH and Seal 9.5TH

The Sahara Bar has an integrated control box mount that recesses the control box lower in the pan. Different mount holes and control box mount brackets are provided to suit different winches. Fitting instructions for the kit have further information as to which mount hole or bracket is suitable.

Please note that not all winches on the market will have mount holes pre-drilled. The recessed control box mount in conjunction with the wider split pan greatly assist with airflow requirements of the Ranger and Everest.

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

- 3500720 WINCH INSTALL KIT SUMMIT BAR. This kit includes a newly designed flip up number plate bracket.
- Warn ZEON and ZEON Platinum fitment requires Warn part number W89965 Short Wiring Kit.
- Warn ZEON Platinum fitment may require part No W94288 Enhanced Signal Kit.
- Winches fitted with a hawse fairlead will require part No 3500600 Hawse Fairlead Spacer Kit.
Pressed Winch Cover:

ARB’s Sahara Bar for the Ford Ranger and Everest is supplied with a 4mm aluminium press formed winch cover panel for when no winch is being fitted. When fitted the winch cover panel is recessed in the press form top pan to give a level and integrated appearance.

The cover is supplied in a satin black powder coat finish. Colour coding is optional.

Antenna Mounts:

Two aerial mounts are welded to the optional centre cross tube to allow fitment of UHF/AM radio and mobile phone aerials/antennas. Additional mount points are located on the centre pan for when no tube kit is fitted.

Synchro pulse controlled welding is used for a visually appealing weld with seam quality that it comparable with that of a TIG weld.

Hi-Lift Jack Points:

Hi-Lift jack points are located directly below the buffers. The Hi-Lift jack point is welded directly to the upright on either side and is designed to prevent the Hi-Lift jack from interfering with the buffer.
Pressed Winch Cover:

The press formed top pan includes laser cut holes for fitment of a range of compatible driving lights including ARB Intensity, Bushranger and IPF 800, 808 and 900 Series lights.

Pinning holes for ARB Intensity lights are included.

It is recommended that driving lights are fitted at the time of bar fitment. If driving lights are being fitted after the bar has been fitted, the centre lower stone tray will need to be removed to provide access to the right hand side driving light mount.