The VX and Sahara models of the MY16 Toyota 200 Series Landcruiser have a number of features not found on the GX and GXL models that required a separate development program. This has resulted in a range of Summit bars specifically designed and developed for the flagships models within the 200 Series range.

The ARB Summit bar design and development process for the VX and Sahara models incorporates elements that complement the following vehicle features not found on lower specification 200 Series:

- Bi-LED Headlamps with dynamic auto levelling
- Front parking sensors
- LED fog lamps
- Radar Cruise Control (Sahara only)
- 4 Camera Multi Terrain Monitor (Sahara only)
For colour coded bar work, or where the driver or passenger seating position may be elevated or forward, ARB recommend fitting part # 3500700 ANTI REFLECTIVE TAPE KIT to eliminate any glare from the headlights on the outer tubes.

Protection & Styling Characteristics:

- Vehicle specific design for the 200 Series VX and Sahara.
- 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.
- Engineered, air bag compatible mounting system secures to the chassis via high tensile bolts.
- Split pan design for maximum strength and airflow.
- 2 piece grill design for split pan.
- Extensive protection panels on centre and either side.
- 60.3mm outer frames and centre cross bar.
- Formed cover strap.
- Twin Hi-Lift jack points located beneath each buffer for optimum strength.
- Durable two piece buffers including cover strap intersection caps.
- Provision to accommodate ARB Intensity LED’s and a range of Bushranger and IPF lights.
- Provision for original equipment LED fog lights. ARB Fog light covers PN 3500680 included as standard.
- Includes ARB LED Indicator and Clearance light.
- Provision for front parking sensors.
- Press form in wing to clear original equipment headlight washers.
- Two aerial brackets located on the top of the centre frame.
- Bar adds approximately 210mm to the overall length of the vehicle.
- Approximate weight of the bar, chassis mounts and fitting kit is 83kg. Approximately 22kg is removed from the vehicle for fitment of the bar.
- Zinc rich primer for additional corrosion resistance.
- Finished in satin black powder coat with the option to colour code to vehicle colour.
Cover Strap:

A 62.6mm press formed cover strap is featured on ARB’s Summit Bar for the MY16 200 Series. The press form adds strength and visually the wider cover strap suits the larger diameter tube and 30mm radius of the pans. The intersection of the cover strap and buffers is covered by a cover strap intersection cap.

Fog Lights:

ARB’s new fog light surround is featured in the ARB Summit Bar for the MY16 200 Series.

An adaptor plate has been developed to retain the OE Toyota LED fog light in a modified ARB Fog light surround. OE fog light adjustment is retained in the fog light adaptor bracket. ARB’s clear fog light cover part # 3500680 is supplied standard with the VX and Sahara Summit Bar.

The fog light surround will be supplied in a natural black finish to complement the buffer design. Colour coding is available as an option under part # CC19 COLOUR CODE FOG LIGHT SURROUND.

Antenna Mounts:

Whilst two aerial mounts are welded to the centre cross tube to allow fitment of UHF/AM radio and mobile phone aerials/antennas, depending on the size of the antenna, the vehicles Lane Departure system may be effected if antennas are fitted. Not every size of antenna has been tested.

Synchro pulse controlled welding is used for a visually appealing weld with seam quality that is comparable with that of a TIG weld.
**Led Clearance Light / Turn Signals:**

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

**Buffers, Split Pan Grill & Foglight Surround:**

ARB’s Summit Bar range features two piece buffers, split pan grill and ARB’s Fog Light Surround with an adaptor plate to accept fitment of the OE LED fog light. 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 intersection of the cover strap and buffer is covered by a cover strap intersection cap to neatly finish the press formed cover strap.

To assist with valuable air flow to the radiator the split pan has a two piece grill for an integrated appearance.

**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.

**Driving Light Mounting:**

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.
Parking Sensors:

Laser cut provision is provided in each wing for the Original Equipment front parking sensors. OE parking sensors have been mapped and their performance closely replicated when fitted to the ARB Summit Bar for the VX and Sahara 200 Series.

Parking sensors are located approximately 140mm higher than the OE condition. 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.

Headlight Washer Press Form:

VX and Sahara models feature Bi-LED Headlamps with dynamic auto levelling. Headlight washers are also included due to the headlight design. The wings of the Summit bar for the VX and Sahara models include press forms to allow clearance for the original equipment headlights washers to operate in all conditions.

Due to the dynamic nature of the vehicle’s chassis and movement between the chassis mounted bull bar and the vehicle body the press form allows the headlight washers to be used even when the bar and chassis are moving under rough road conditions.
**Camera Relocation Kit:**

The MY16 Sahara LC200 is fitted with a front facing camera as part of its Multi Terrain View camera system. The camera is located in the central Toyota symbol badge in the grill. Due to the nature of the camera when a bar is fitted the lower edge of vision is restricted.

A relocation bracket has been developed that moves the camera from the Toyota symbol to a location within the split pan of the Summit Bar.

On the bullbar the camera is relocated to a central position in the lower split pan of the bar. The camera image therefore is from a lower orientation.

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<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>3515080</td>
<td>CAMERA RELOCATE KIT MY16 200 SUITS 3215210/3415220/3915210</td>
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Relocation of the camera requires the OE plug to be de-housed, extension loom installed and the OE plug to be re-used. For full details, including pricing please refer to separate Camera Relocation Kit Product Information Bulletin.

**Radar Cruise Control:**

The Sahara MY16 200 Series features a Radar Cruise Control system. The radar is located within the Toyota symbol in the vehicles grill.

Due to the spacing of the driving light mounts operation of the Radar Cruise Control is not affected. Effect of fitment of an LED light bar or different driving lights is not known.