DATE: June 2015

DESCRIPTION: ARB Summit Bar

APPLICATION: Nissan Navara NP300 2015 On

PART NO./BARCODE: 3438400 - 9332018037695

PRODUCT GROUP: 010 Bull Bars

FITTING: 4 Hours

AVAILABILITY DATE: June 2015

PRODUCT SPECIFICATION

DESIGN & DEVELOPMENT:

Nissan's NP300 Navara is the next vehicle to receive ARB’s new range of Summit Protection Equipment.

To allow the extensive development work required on a brand new vehicle platform, ARB imported a NP300 from Thailand before its Australian release. Whilst development work has been completed on an overseas model specification model, fitments have been confirmed on Australian specification vehicles.

As a new vehicle, the NP300 Navara gave ARB’s engineers a clean slate to start with. Bull bar chassis mounts have been designed and tested specifically for the NP300 Navara. Design and development work of the bar allowed for ARB Recovery Point and Under Vehicle Protection (UVP) to be developed at the same time so that all three components work as a protection package. Separate product releases will be sent for those products.

When designing chassis mounts for a new vehicle platform, considerable design and development work is required. One of the major considerations is the operation and triggering points for the vehicle air bags and the integration of the ARB bar so that these points are maintained. ARB’s engineers have designed and developed a chassis mount specifically for the NP300 chassis rather than adapting an existing design from another vehicle.

A combination of FEA testing (Finite Element Analysis) simulating stresses and loads place on the vehicle chassis and bar mounts and crush testing using OE components is utilised. Original equipment crash beams and other components are sourced so that tests can be replicated and engineering design confirmed.

The full range of ARB Summit Protection equipment has been developed for the Nissan NP300 Navara. This range includes Summit Bar, Summit Side Rails and Steps and the Summit Rear Step Tow bar. ARB Recovery points and UVP have also been developed. Separate New Product Releases will be sent on each individual item.
PROTECTION & STYLING CHARACTERISTICS:

- Vehicle specific design for the NP300 Nissan Navara.
- 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.
- 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 and folded flaps for additional airflow.
- 60.3mm outer frames and centre cross bar.
- Superbly engineered, air bag compatible mounting system secures to chassis via high tensile bolts and hardware.
- Formed cover strap.
- Pressed form top pan and aluminium (powder coated satin black) winch cover panel.
- Combination style bar to suit both winch and non-winches 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 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 centre frame.
- Bar adds approximately 180mm to the overall length of the NP300 Navara.
- Added net weight to the vehicle is approximately 63kg. Approximate weight of the bar, chassis mounts and fitting kit is 72kg. Items removed from the vehicle weigh approximately 9kg.
- Zinc rich primer for additional rust resistance.
- Finished in a hard wearing satin black powder coat.

UNDER PAN PROTECTION PANELS:

The centre under pan protection panel includes laser cut and folded flaps to both add to the strength of the panel and to 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.
COVER STRAP:

The cover strap on ARB’s Summit Bar is a 62.6mm formed cover strap. 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 cover strap and buffers is covered by a cover strap intersection cap.

BUFFERS, CENTRE PAN GRILL AND FOG LIGHT SURROUND:

The Navara NP300 Summit 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 intersection of the cover strap and buffer is covered by a cover strap intersection cap to neatly finish the pressed form cover strap.

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.

PRESSED FORM TOP PAN:

ARB’s Summit Bar range 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.
FOG LIGHTS:

ARB’s Summit Bar for the NP300 Navara 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.

ANTENNA MOUNTS:

Two aerial mounts are welded to the centre cross tube to allow fitment of UHF/AM radio and mobile phone aerials/antennas.

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.
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 Summit Bar for the NP300 Navara 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 Gen 2 X10K
- Bushranger DV-9TH, DS-9TH and Seal 9.5TH

The Summit Bar has an integrated control box mount that recesses the control box lower in the pan. Mount holes are provided to suit different winches. 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 NP300 Navara.

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 Summit Bar for the NP300 Navara 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.

DRIVING LIGHT MOUNTS:

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

Note: Pinning holes for ARB Intensity lights included.