Date: September 2018
Description: ARB Alloy Bar
Application: Isuzu Dmax MY17
Part No. & Barcode: 7448020 - 9332018048486
Dimensions and weight: 7448020 - 1880x650x800
60kg. Excludes packaging
Product Group: 007 – Alloy ARB Bars
Availability Date in Europe: upon request

Product Specification

Design and Development:

Offering a stylish, practical and lighter weight alternative to the Summit, Summit Sahara or Commercial bars already available, an ARB Alloy bar has been developed to suit the MY17 Isuzu Dmax.

The Alloy bar shares a number of features with the Summit bar including press form top pan and winch cover, 30mm wing and pan radius, split pan grill with twin doors for winch and driving light mount access.

Whilst ARB’s mounting system, developed for the 2012 on model Dmax, has largely been retained, additional wing braces are included to add structural integrity to the wings, traditionally braced by the outer frame assembly of a Summit or Commercial bar. In conjunction with the added chassis reinforcing and attachment to the vehicle chassis the optional winch mount provides a mounting platform that is capable of withstanding winch loads up to 10,000lbs (angled and in-line with the vehicle).
Protection and Styling Characteristics:

- Vehicle specific design for the Dmax.
- Registered design of styling and design components.
- 5mm alloy used for bar uprights. 4mm alloy used for wings and pans. 3mm wall thickness tube used in both 60mm and 48mm outer frames and cross piece.
- 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.
- 3 piece grill design for split pan.
- Extensive steel protection panels on centre and either side.
- Pressed form top pan and polished aluminium winch cover panel.
- Durable three piece buffers.
- Will accommodate Warn, Magnum, Bushranger Smittybilt low mount model electric winches up to 10,000lb. Separate winch mount is required.
- Provision to accommodate ARB Intensity LED’s and a range of Bushranger and IPF lights.
- Provision for optional ARB Fog light kit part no 3500590.
- Provision for optional ARB Fog light covers part no 3500680.
- Includes ARB LED Indicator and Clearance light.
- Two aerial brackets located on the top of the centre cross tube.
- Bar adds approximately 190mm to the overall length of the vehicle.
- No Hi Lift jack points provided on the ARB Alloy bar.
- Part No 3500700 Anti-Reflective Tape kit is available for customers experiencing reflection on the outer tube.

Weight:

Weight has been an important consideration when developing ARB’s range of Alloy Bars. The bar assembly of the alloy bar compared to the ARB Summit bar equivalent bar assembly is 47% lighter at approximately 30kg versus 54kg.

Bar chassis mounts and under wing panels between alloy and steel alternatives are similar at approximately 37kg. The winch mount for the alloy bar is approximately 9kg.

Alloy and welds:

Like with steel, alloy comes in different specifications and different resultant strengths. How alloy is processed through the manufacturing process can also affect the mechanical properties and strength of the alloy.
Three different alloys and tempers are used in production of the ARB alloy bar for the Dmax. The bar to chassis bracket mounts and uprights use a 5mm 5083-H116 alloy. Centre pans and wings use a 4mm 5052-H32 heat treated alloy. The outer and centre tubes use 6063-T4 heat treated to T4 temper for strength and workability. Outer frame is 60mm x 3mm tube and the cross piece is manufactured from 48mm x 3mm tube.

**Buffers, Split Pan Grill and Fog Light Surround:**

ARB’s Alloy Bar range features three piece buffers, split pan grill and ARB’s reduced Fog Light Surround designed to accept 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.

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

**Fog Lights:**

Fitment of ARB Fog light part number 3500590 is optional to the Summit Sahara Bar for the Dmax. ARB Auxiliary Fog Light Loom part number 3500530 is required if fitting the ARB Fog Light Option.

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.

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.
Pressed Top Pan and Winch Cover:

The top pan of the ARB Alloy bar features a press form to add strength and allow for the winch cover panel to be recessed.

For when no winch has been fitted, a 4mm press formed winch cover panel is supplied. When fitted the winch cover panel is recessed in the press form top pan to give a level and integrated appearance.

Antenna Mounts:

Two aerial mounts are welded to the alloy 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 is comparable with that of a TIG weld.

Driving Light Mounts:

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.

Note that AR40 on the cross tube and AR32’s on the pan will not fit together.

Pinning holes for ARB Intensity lights are included.
Winch Model Fitment:

The ARB Alloy Winch mount for the Dmax fits the following winches:

- Warn M8000, XD9000, 9.5XDC
- Warn ZEON 8, 8-S, 10, 10-S
- Warn ZEON Platinum 10, 10-S
- Warn Magnum 8, 10
- Smittybilt Gen2 X20 10K
- Bushranger Revo 10 and Seal 9.5TH

The Alloy bar winch mount has an integrated control box mount that recesses the control box lower in the pan. Different mount holes and control box brackets are provided to suit different winches. Winch fitting kit instructions 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.

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

- 3500950 WINCH INSTALL KIT ALLOY BAR|SUITS 7448010,7448020. This kit includes a flip up number plate bracket.
- Warn ZEON and ZEON Platinum fitment require Warn part No W89965 Short Wiring Kit.
- Warn ZEON Platinum fitment may require Warn part No W94288 Enhanced Signal Kit.
- Winches fitted with a hawse fairlead will require part No 3500600 Hawse Fairlead Spacer Kit.