PRODUCT SPECIFICATION

DESIGN & DEVELOPMENT:

To provide front protection bar options to the Dodge Ram owner ARB’s engineers have developed the ARB Modular Bar to suit 2010 On Dodge Ram 2500 and 3500 models.

Three distinct configurations are available allowing customers to customise the bar to suit their needs. The curved lines of the Dodge Ram is reflected in the design of the outer frames of the ARB Modular Bar but still retaining the robust features of the lower wings and centre pan with features such as the large split centre pan, press formed fog light apertures and textured powder coat.

The modular design of the bar has had extensive Finite Elemental Analysis (FEA) testing conducted alongside real world testing to ensure that the design exceeds the demands of the Dodge Ram owner’s demands of the vehicle.

The centre pan features a reinforced and gusseted design to match the size of the Dodge Ram and provide a suitable platform for Heavy Weight Warn winch fitment options.
PROTECTION & STYLING CHARACTERISTICS:

- Durable steel construction for maximum protection.
- Superbly engineered, airbag compatible mounting system.
- Configurable design allows for customised levels of protection and appearance.
- Vehicle specific design to complement the 2010 on Dodge Ram 2500 and 3500 Trucks.
- Open centre pan design highlights winch fitment and accommodates airflow requirements.
- Lower protection panel included with centre pan to provide protection to the different versions of factory intercooler.
- Accommodates fitment of Warn Heavy Weight electric winches up to 16.5Ti model.
- Twin Hi-Lift Jack lifting points located under the centre pan of the bar.
- Provision to mount a range of IPF and ARB Intensity Driving Lights on cross tube of centre top section. Lights mount provision included on centre pan if no upper section fitted.
- ARB Fog Lights provided standard with outer wings.
- Two antenna brackets located on the centre top frame. Antennas mounted on wings if no centre top frame fitted.
- Press formed and styled upright cover straps.
- Synchro pulse controlled welding on visible welds.
- Pre-treated in zinc rich primer and finished in textured black powder coat. This finish is unsuitable for colour coding.

MODULAR DESIGN & KIT INFORMATION:

Three distinct style options are available for the 2010 on Dodge Ram 2500 and 3500 platforms.

**Kit 2237010 Type A:** Full Deluxe Style Bull Bar includes the centre pan, outer wings, centre top frame and outer tubes to give the highest level of protection for the vehicle.

**Kit 2237020 Type B:** Sahara Style bar includes the centre pan, outer wings and the centre top frame to provide protection to the grill assembly of the Dodge Ram 2500 and 3500.

**Kit 2237030 Type C:** Winch Bumper includes the centre pan and outer wings to provide an ideal platform for winch and driving lights.

MODULAR BAR KIT PART NUMBERS:

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<th>Kit Number</th>
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MODULAR BAR KIT COMPONENTS:

**Type A – Full Deluxe Bar**

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### Type B – Sahara Style Bar

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### WINCH MODEL FITMENT:

The Dodge Ram 2500 3500 Modular Bar has been designed around the Warn Heavy Weight Series of winches. The following winches are suitable for fitment:

- Warn M12000, M15000 and 16.5 Ti
- Warn ZEON 12

The fitting kit allows for fitment of either a hawse or a roller fairlead.

If no winch is to be installed, a reinforced steel screen and bracket is installed.

### INTEGRATED FOG LIGHTS:

The outer wings, part # 5137010, are supplied with an ARB Fog Light (part # 3500590). These fog lights are a 51W HB4 halogen fog light fitted with a hard coated polycarbonate lens and an impact resistant housing.

Press formed surrounds are incorporated into the design of the wings.
OUTER FRAME:

The Dodge Ram outer frame incorporates two size of tube to match the styling of the Dodge Ram. The outer tube is a 60.3mm tube with a 47.6mm cross tube to complement the vehicle design.

DRIVING LIGHT MOUNTS:

The Dodge Ram Modular Bar includes laser cut holts in the top of the centre pan for fitment of driving lights if no Centre Top Frame is fitted. When the Centre Top Frame is fitted (part # 5137020) lights are fitted to the 47.6mm cross tube with driving light brackets.

Compatible driving lights include ARB Intensity and IPF 808, 800 and 900 series lights.

Note: for both mount options pinning holes for ARB Intensity lights are included.

FACTORY TOW POINTS:

The Dodge Ram Modular Bar retains the OE tow hooks in the standard location and maintain factory tow ratings.
AERIAL MOUNTS:

Two aerial mounts are welded to the centre frame to allow fitment of UHF/AM radio and mobile aerials / antennas. When no centre frame is fitted the antennas can be mounted in the outer mount holes for the tube in the wings.

HI LIFT JACK POINTS:

Each Modular Bar comes standard with two reinforced Hi Lift Jack points in the lower centre pan.

SYNCHRO PULSE CONTROLLED WELDING:

The Modular Bull Bar construction utilises synchro pulse controlled welding on the visible welds. Synchro pulse controlled welding controls the molten drop transfer as current, frequency and duration of the welding arc is controlled resulting in a visually appealing weld with seam quality that is comparable with that of a TIG weld.

Each current pulse is controlled so that a single droplet of filler metal is detached each time and welding is able to be done with a constant arc length resulting in the virtually spatter free weld.
CENTRE PAN:

The centre pan features a reinforced and gusseted design to match the size of the Dodge Ram and provide a suitable platform for Heavy Weight Warn winch fitment options.

UNDER PAN DEFLECTOR:

The two variants of OE intercooler fitted to the Dodge Ram are protected by a lower protection panel while still providing airflow.