# FITTING INSTRUCTIONS

Part Numbers: **3512040 RADIATOR PROTECTOR AND STONE GUARD**
**3512160 RADIATOR PLATE 70 SERIES DLX BAR**
**3512170 RADIATOR PLATE 70 SERIES SUM MKII BAR**

Suited to vehicle/s: **TOYOTA LAND CRUISER 76/78 & 79 SERIES: 2007 ON (non-airbag)**
**TOYOTA LAND CRUISER 76/78 & 79 SERIES: 2009 ON (airbag)**

# WARNING

REGARDING VEHICLES EQUIPPED WITH SRS AIRBAG;

The product is suitable for 2007 ON non-airbag vehicles and also 2009 ON airbag vehicles.

ALSO, NOTE THE FOLLOWING:

- This product must be installed exactly as per these instructions using only the hardware supplied.
- In the event of damage to any bull bar component, contact your nearest authorised ARB stockist. Repairs or modifications to the impact absorption system must not be attempted.
- Do not use this product for any vehicle make or model, other than those specified by ARB.
- Do not remove labels from this accessory.
- This product or its fixing must not be modified in any way.
- The installation of this product may require the use of specialized tools and/or techniques.
- It is recommended that this product is only installed by trained personnel.
- These instructions are correct as at the publication date. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer.
- During installation, it is the duty of the installer to check correct operation/clearances of all components.
- Work safely at all times.
- Unless otherwise instructed, tighten fasteners to specified torque.


# ARB 4x4 ACCESSORIES

Corporate Head Office

42-44 Garden St
Kilsyth, Victoria
AUSTRALIA 3137

Tel: +61 (3) 9761 6622
Fax: +61 (3) 9761 6807

Australian enquiries sales@arb.com.au
North & South American enquiries sales@arbusa.com
Other international enquiries exports@arb.com.au

**www.arb.com.au**




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# GENERAL CARE AND MAINTENANCE

By choosing an ARB Bar, you have bought a product that is one of the most sought after 4WD products in the world. Your bar is a properly engineered, reliable, quality accessory that represents excellent value. To keep your bar in original condition it is important to care and maintain it following these recommendations:

- Prior to exposure to the weather your bar should be treated to a Canuba based polish on all exposed surfaces. It is recommended that this is performed on a six monthly basis or following exposure to salt, mud, sand or other contaminants.
- As part of any Pre Trip Preparation, or on an annual basis, it is recommended that a thorough visual inspection of the bar is carried out, making sure that all bolts and other components are torqued to the correct specification. Also check that all wiring sheaths, connectors, and fittings are free of damage. Replace any components as necessary. This service can be performed by your local authorized ARB stockist.

## FITTING REQUIREMENTS

***NOTE: 'WARNING' notes in the fitting procedure relate to OHS situations, where to avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.***

| PARTS LISTING – FITTING KIT DELUXE BAR # 3512040 | | | |
|---|---|---|---|
| **APPLICATION.** | **PART NO.** | **QTY** | **DESCRIPTION** |
| RADIATOR GUARD TO VEHICLE | 3757506 | 1 | RADIATOR GUARD |
| | 271BLK | 2 | RUBBER PLUG |
| | 6151089 | 4 | BOLT M10 x 1.25 x 40 |
| | 4581040 | 4 | WASHER M10 FLAT |
| STONE SHIELD TO BULL BAR | 6522675 | 1 | STONE SHIELD |
| | 6151729 | 4 | BOLT FLANGE M6 x 20mm BLACK |
| | 4581082 | 4 | WASHER FLAT M6 BLACK |
| | 6151300 | 4 | NUT CAGED M6 |
| STONE SHIELD TO RADIATOR GUARD | 6151729 | 4 | BOLT FLANGE M6 x 20mm BLACK |
| | 4581082 | 4 | WASHER FLAT M6 BLACK |
| | 6151300 | 4 | NUT CAGED M6 |

| PARTS LISTING – DELUXE BAR # 3512160 | | | |
|---|---|---|---|
| **APPLICATION.** | **PART NO.** | **QTY** | **DESCRIPTION** |
| RADIATOR GUARD TO VEHICLE | 3757506 | 1 | RADIATOR GUARD |
| | 271BLK | 2 | RUBBER PLUG |
| | 6151089 | 4 | BOLT M10 x 1.25 x 40 |
| | 4581040 | 4 | WASHER M10 FLAT |
| STONE SHIELD TO BULL BAR | 6523657 | 1 | STONE SHIELD |
| | 6151729 | 4 | BOLT FLANGE M6 x 20mm BLACK |
| | 4581082 | 4 | WASHER FLAT M6 BLACK |
| | 6151300 | 4 | NUT CAGED M6 |
| STONE SHIELD TO RADIATOR GUARD | 6151729 | 4 | BOLT FLANGE M6 x 20mm BLACK |
| | 4581082 | 4 | WASHER FLAT M6 BLACK |
| | 6151300 | 4 | NUT CAGED M6 |


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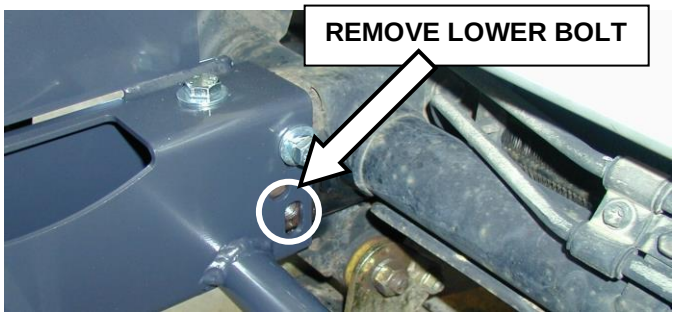
| PARTS LISTING – MKII SUMMIT BAR # 3512170 | | | |
|---|---|---|---|
| **APPLICATION.** | **PART NO.** | **QTY** | **DESCRIPTION** |
| RADIATOR GUARD TO VEHICLE | 3757506 | 1 | RADIATOR GUARD |
| | 271BLK | 2 | RUBBER PLUG |
| | 6151698 | 4 | BOLT M10 x 1.25 x 40 |
| STONE SHIELD TO BULL BAR | 6523655 | 1 | STONE SHIELD |
| | 6151729 | 4 | BOLT FLANGE M6 x 20mm BLACK |
| | 4581082 | 4 | WASHER FLAT M6 BLACK |
| | 6151715 | 4 | NUT CAGED M6 |
| STONE SHIELD TO RADIATOR GUARD | 6151729 | 4 | BOLT FLANGE M6 x 20mm BLACK |
| | 6151300 | 4 | NUT CAGED M6 |
| | 4581082 | 4 | WASHER FLAT M6 BLACK |

## FASTENER TORQUE SETTINGS:

| SIZE | Torque Nm | Torque lbft |
|---|---|---|
| M6 | 9Nm | 4lbft |
| M8 | 22Nm | 16lbft |
| M10 Gr 8.8 | 44Nm | 32lbft |
| M10 Gr11.9 | 60Nm | 44lbft |
| M12 | 77Nm | 57lbft |
| M12 Gr11.9 | 112Nm | 82lbft |


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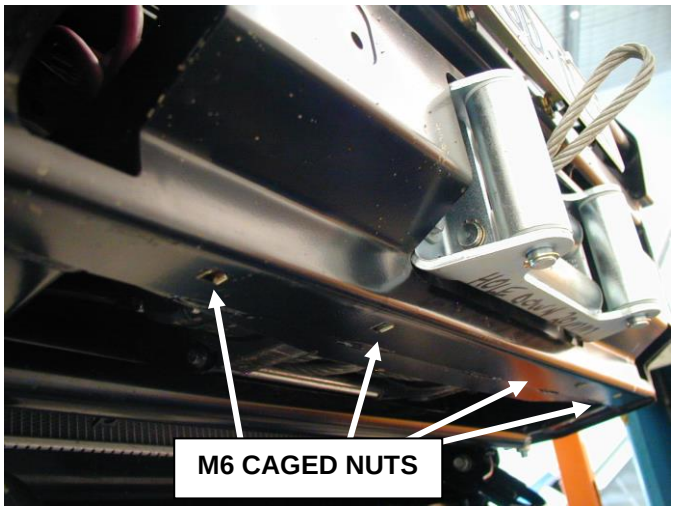
## VEHICLE PREPARATION




INSIDE OF CHASSIS SHOWN

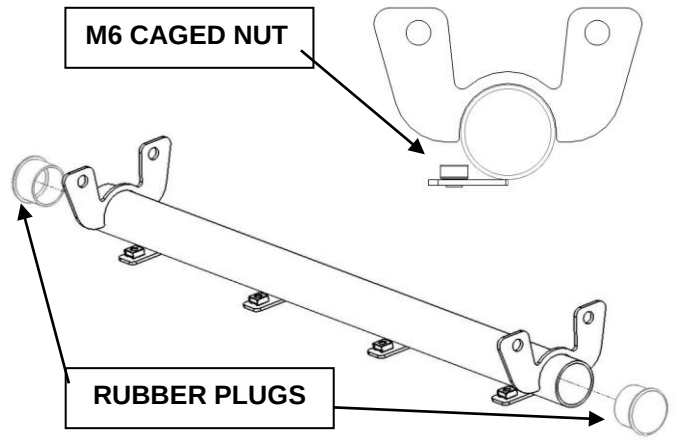
1. Remove the bolt on tow hooks. Retain both the tow hooks and the mounting bolts.
2. Remove the plastic radiator shield. Retain the stone shield and the mounting bolts.
3. Remove the lower M10 bolt used to mount the bull bar to the inner surface of each chassis rail as shown.

## BULL BAR PREPARATION




4. Fit four M6 caged nuts to the bull bar as shown. Make sure that the body of the caged nuts are on the inside of the bull bar.

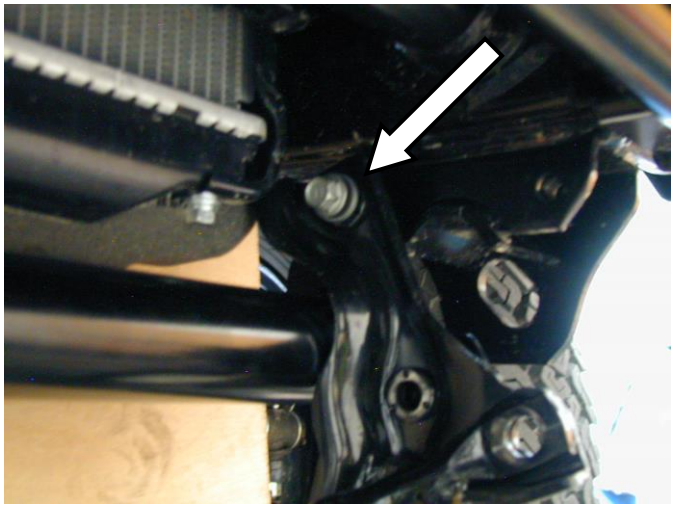
## RADIATOR GUARD PREPARATION




5. Fit four M6 caged nuts to the radiator guard as shown. Make sure that the body of the caged nuts are on the tube side of the tabs.
6. Fit a plastic plug to each end of the radiator guard as shown.


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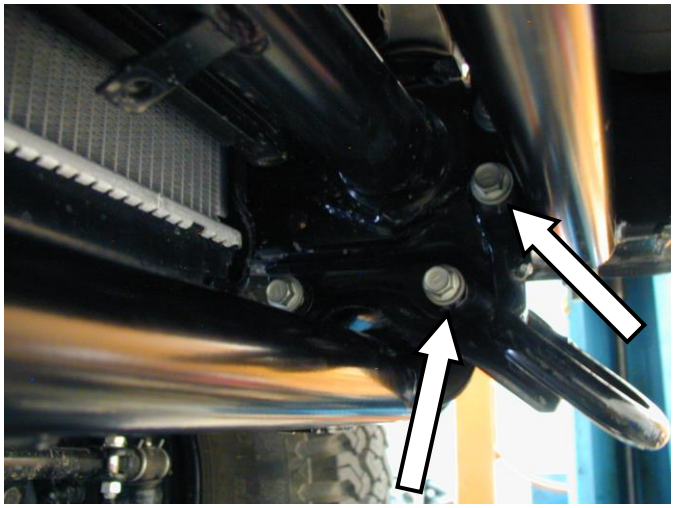
# RADIATOR GUARD STONE SHIELD FITMENT



7. Position the radiator guard and tow hooks under the vehicle as shown. Position the mounting tab of the radiator guard between the tow hook and the chassis.

8. Attach the radiator guard and tow hooks to the vehicle using the rear mounting hole as shown. Use the M10 x 40 mm flange bolts provided.

***NOTE: Leave these bolts loose at this stage.***



9. Rotate the radiator guard and tow hooks forward as shown. Secure each tow hook using two M10 x 40mm bolts provided.

10. Tighten all of the bolts to the recommended torque.

M10 - 44 **Nm.**

NOTE – If fitting recovery points, use supplied fasteners and recommended torque specs.



11. Refit the plastic radiator shield using the factory bolts removed in Step 2.


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## RADIATOR GUARD STONE SHIELD FITMENT




12. Fit the ARB stone shield using the eight M6 x 20mm flange bolts and washers provided.

13. Tighten all bolts to the recommended torque.

M6 - 9 **Nm.**

## FITTED PRODUCT

**3512040 SHOWN**





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