

### ARB PRADO WINCH/NON WINCH BUMPER TO SUIT GXL, VX AND GRANDE 2003 ONWARDS.

**PART No** 

3921120

5100050 Top Tube Kit

5100160 Buffer Kit – With hole (required when fitting Top Tube)

5100170 Buffer Kit – With no hole

FITTING KIT NO: 6172356

## WARNING

#### FOR VEHICLES EQUIPPED WITH SRS AIRBAG WHEN INSTALLED IN ACCORDANCE WITH THESE INSTRUCTIONS, THE FRONT PROTECTION BAR DOES NOT AFFECT OPERATION OF THE SRS AIRBAG.

#### TAKE NOTE OF THE FOLLOWING:

- THIS PRODUCT MUST BE INSTALLED EXACTLY AS PER THESE INSTRUCTIONS USING ONLY THE HARDWARE SUPPLIED.
- IN THE EVENT OF DAMAGE TO ANY BAR COMPONENT, CONTACT YOUR NEAREST AUTHORISED ARB STOCKIST. REPAIRS OR MODIFICATIONS TO THE IMPACT ABSORPTION SYSTEM MUST NOT BE ATTEMPED.
- DO NOT USE THIS PRODUCT FOR ANY VEHICLE MAKE OR MODEL, OTHER THAN THOSE SPECIFIED BY ARB.
- DO NOT REMOVE LABELS FROM THIS BAR.
- THIS PRODUCT OR ITS FIXING MUST NOT BE MODIFIED IN ANY WAY.

#### **OPTIONAL LIGHT SETS TO SUIT THIS PRODUCT:**

- ARB 6821201 Fog Light Kit Suit 3163015

- Up to IPF 900 SERIES FOG OR DRIVING LIGHT SETS

Suits warn 9000lb and 9500lb High Speed winches

# Tools Required For Bar Fitment: Basic Tool Kit, 17mm Tube Spanner, Cir-Clip pliers, Drill, 10mm and 13mm Drill Bits.

03/07/2014

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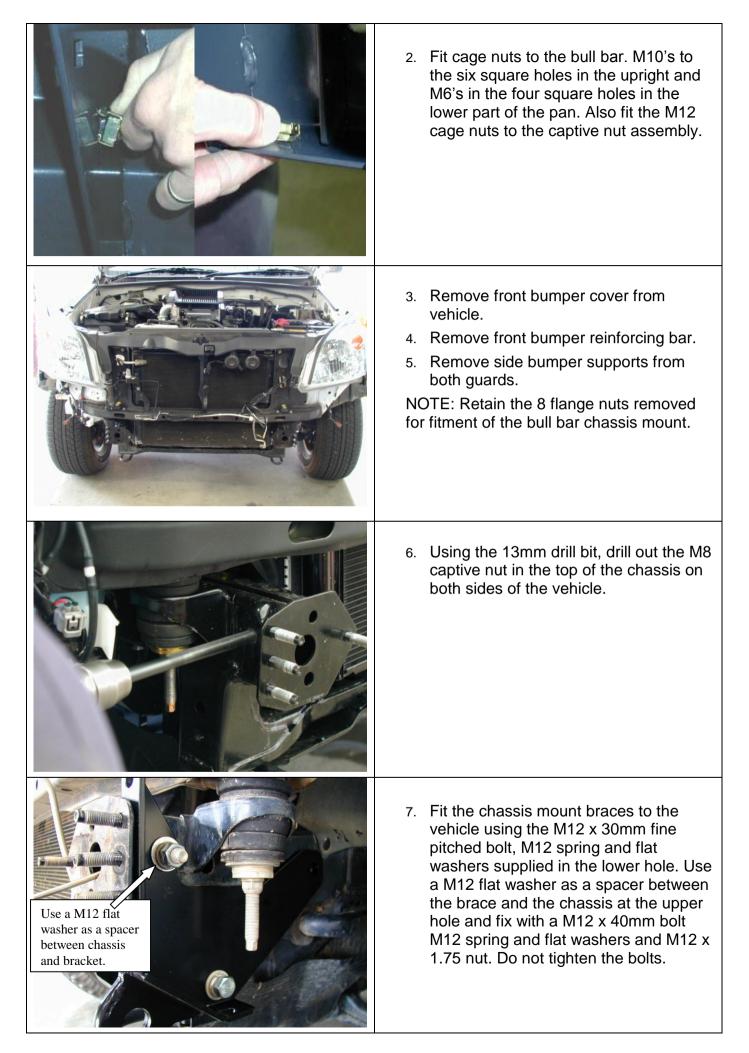
USE.	PART NO.	QTY	DESCRIPTION
	3756571	1	Bracket Mount Assembly
	3756645R	1	Bracket Mount Brace RHS
	3756645L	1	Bracket Mount Brace LHS
	3193741	2	Captive Nut Plate
	6151306	2	Nut Cage M12 x 1.75
Impact Absorber To Chassis	6151255	10	Bolt M12 x 1.75 x 40mm
•	6151189	6	Nut M12 x 1.75
	6151094	2	Bolt M12 x 1.25 x 30mm
	4581049	20	Washer Flat ½"
	4581050	12	Washer Spring <sup>1</sup> / <sub>2</sub> "
	5846401	4	Spacer 8mm
	6151304	6	Nut Cage M10 x 1.5
	6151232	8	Bolt M10 x 1.5 x 30mm
Bar To Impact Absorber	4581040	10	Washer Flat M10 x 2mm
	4581048	8	Washer Spring M10
	6151026	2	Nut M10 x 1.5
	6522036	1	Stone Tray
	6151300	4	Nut Cage M6
Stone Tray to Bar	6151180	4	Bolt M6 x 20mm
	4581084	4	Washer Flat Panel M6
	4581036	4	Washer Spring M6
	6131516	1	Top Tube assembly
Top Tube To Bar	6151255	2	Bolt M12 x 1.75 x 40mm
	4581049	2	Washer Flat 1/2"
(3100030)	4581050	2	Washer Spring ½"
Buffer To Bar	6151128	12	Flange Nut M6
(5100160 Required if fitting Top	3162153	1	Buffer LHS
Tube)	3162154	1	Buffer RHS
Buffer To Bar	6151128	12	Flange Nut M6
(5100170 Required if not fitting	3162471L	1	Buffer LHS Sahara Bumper
Top Tube)	3162471R	1	Buffer RHS Sahara Bumper
Buffer Lower To Bar	6151128	5	Flange Nut M6
	3162155	1	Buffer Lower
Indicators To Bar	3163015	1	Kit Surround For Fog & Indicator Lights
	6821152	2	Turn signal / clearance light loom
	6821151L	1	Turn Signal/Clearance Light
	6821151R	1	Turn Signal/Clearance Light
	6151128	2	Nut Flange M6
Licence Plate To Bar	6781408	1	Tape Double sided
	6522030	1	Panel Winch Cover Prado
	6151256	2	Screw M6 S/S Button Head
Winch Cover To Bar	4581304	2	Washer Flat M6 S/S
	6151128	2	Nut Flange M6
	0101120	£	

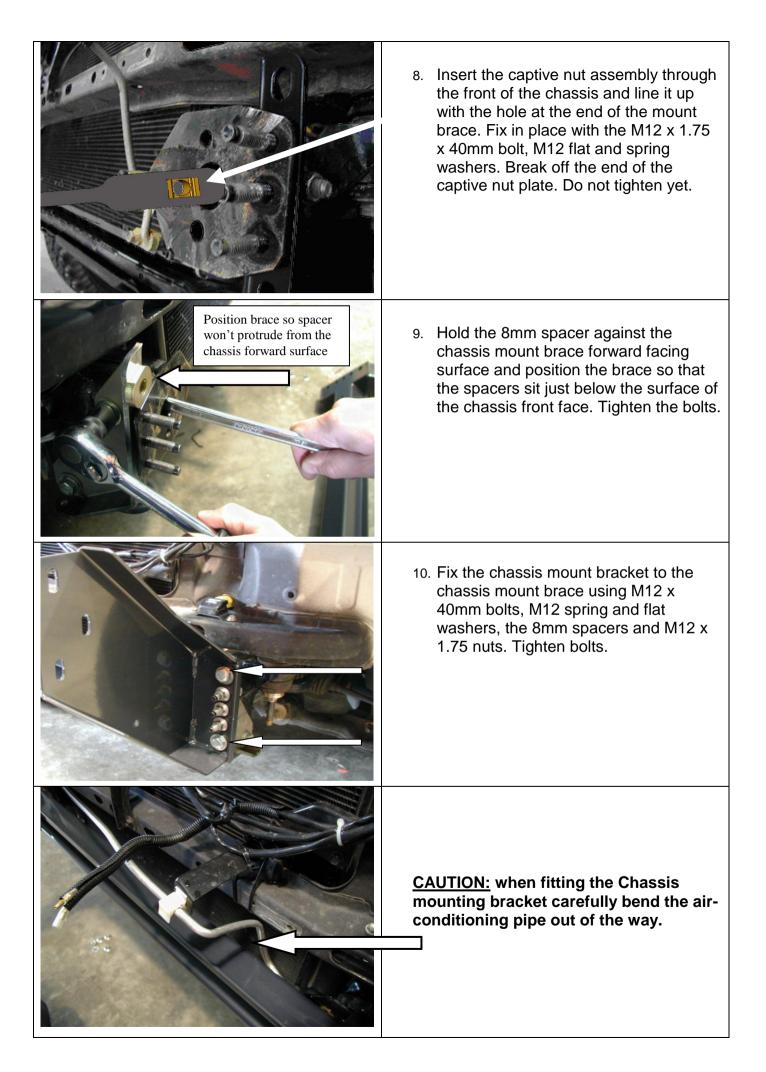
	EG50	1	Rubber Grommet
	3756499	1	Bracket Control Box
	6151021	2	Bolt M8 x 20mm
	4581044	2	Washer Flat M8
Winch To Bull Bar	6151132	2	Nut Flange M8
	BLB560	2	Cable Black 560mm
	4581040	4	Washer Flat M10 x 2mm
	6151074	2	Bolt 1 ¾" x 3/8" UNC
	6522031L	1	Washer Bottle Guard For Sahara bar
	6522031R	1	Washer Bottle Guard For Sahara bar
Washer Bottle Guard	6151234	10	Bolt M8 x 25mm Black
To Bar	4581045	10	Washer Flat M8 Black
	6151132	10	Nut Flange M8
	6821132	2	Rubber Grommet 3/8" ID
	6151128	2	Nut Flange M6
Miscellaneous	180302	6	Cable Ties
Wiscendieous	3162152	2	Plastic Plug 16mm DIA
	180701	6	Scotch Lock

### ASSEMBLY

<ol> <li>Position the lower buffer and assemble using the M6 flange nuts. (Do not over tighten)</li> </ol>
<ol> <li>Fit the buffers. Buffer studs fit through the slots in the wings and the pan. Fasten using M6 flange nuts.</li> </ol>
Note: This applies to both blank buffers and for those with the hole for optional frame.
CAUTION: DO NOT OVER TIGHTEN THE M6 NUTS AS YOU RISK PULLING THE STUDS OUT OF THE BUFFERS.

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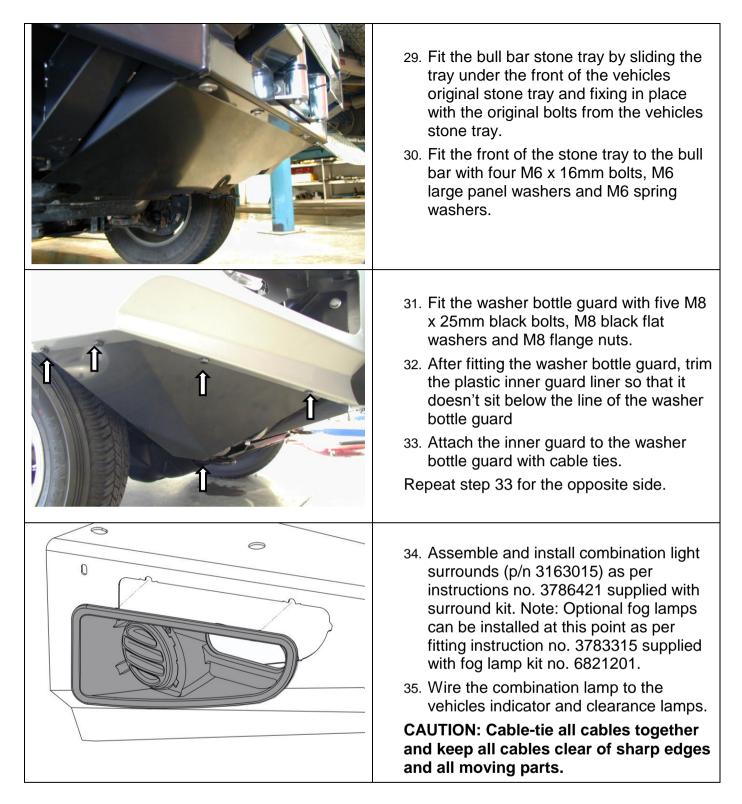








Attach tube inside wing	If fitting Top Tube 24. Attach the tube to the bar by pushing through the holes in the buffers, fix using two M12 x 1.75 x 40mm bolts, ½" flat and spring washers. NOTE: Torque these M12 fasteners to 44Nm only (Critical)
	25. Position the bar so that there is an even gap along the headlights and the guards of <b>25mm</b> . tighten all the bolts. <b>25mm gap</b>
	<ul> <li>26. With the bar in position drill a 10mm hole through the upright on both sides using the hole in the chassis bracket as a guide.</li> <li>27. Fix in place using two M10 x 30mm bolts, M10 spring washers, M10 Flat washers and M10 x 1.5 nuts.</li> </ul>
	28. Remove the front stone tray from the vehicle and remove the tags at the front of the tray. Refit the stone tray fixing in place with the rear bolts only.



When finished make sure that all bolts are tightened and that all wiring is clear of hot, sharp and moving parts.

Also supplied in the kit are two 3/8" rubber grommets and two 16mm plugs. The rubber grommets are for the two holes in the top pan if lights are being fitted. The two plastic plugs are for the holes in the top surface of the wings if no CB aerials are going to be connected.