



FITTING INSTRUCTIONS

PART No 3438100

**ARB NISSAN NAVARA COMBINATION BULL BAR TO SUIT BOTH
SRS AND NON-SRS EQUIPED VEHICLES.**

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 BULL BAR COMPONENT, CONTACT YOUR NEAREST AUTHORISED ARB STOCKIST. REPAIRS OR MODIFICATIONS TO THE IMPACT ABSORTION SYSTEM MUST NO 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 BULL BAR.**
- **THIS PRODUCT OR IT'S FIXING MUST NOT BE MODIFIED IN ANY WAY.**

FITTING KIT NUMBER 6171790

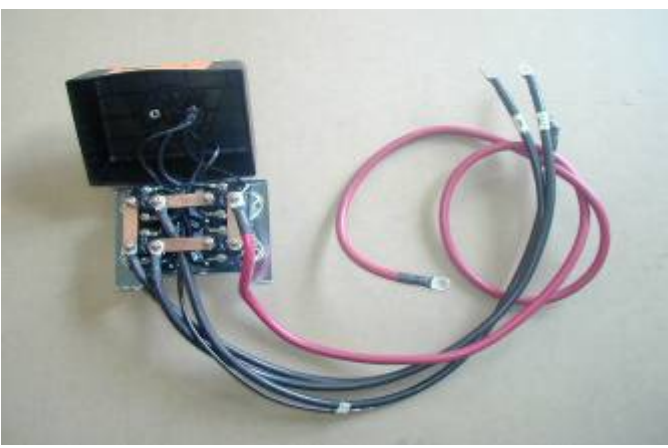
USE	PART No	QTY	DESCRIPTION
CONTROL BOX TO CONTROL BOX BRACKET	4581072	4	WASHER FLAT M6
	3756293	1	CONTROL BOX BRACKET
CONTROL BOX TO BULL BAR	6151021	3	BOLT M8 X 20mm
	4581044	3	WASHER FLAT M8
	4581046	3	WASHER SPRING M8
	6151303	4	M8 CAGE NUT
	EG50	1	GROMMET RUBBER
	180302	4	CABLE TIES
IMPACT ABSORBER TO CHASSIS	3756538R	1	IMPACT ABSORBER RHS
	3756538L	1	IMPACT ABSORBER LHS
	6151095	2	BOLT M12 X 1.25 X 35mm
	4581007	4	WASHER FLAT ½" X 1 ½" X 4mm
	4581050	2	WASHER SPRING M12
	6151135	2	NUT M12 X 1.25
	4581290	4	WASHER M12 X 28 X 4mm
	6151089	4	BOLT M10 X 1.25 X 40mm
	4581040	4	WASHER FLAT M10
	4581048	4	WASHER SPRING M10
BULL BAR TO IMPACT ABSORBER	6151232	6	BOLT M10 X 1.5 X 30
	4581040	12	WASHER FLAT M10
	4581048	6	WASHER SPRING M10
	6151026	6	NUT M10 X 1.5
AIR GUIDE, STONE GUARD, NUMBER PLATE TO BULL BAR	6151301	2	NUT CAGE M8
	6151300	4	NUT CAGE M6
	6151021	2	BOLT M8 X 20mm
	4581044	2	WASHER FLAT M8
	4581046	2	WASHER SPRING M8
	6151213	4	BOLT M6 X 20mm BLACK
	4581082	4	WASHER FLAT M6 BLACK
	4581287	4	WASHER SPRING M6 BLACK
	6151180	8	BOLT M6 X 20mm
	6151046	8	WASHER FLAT M6
	6151128	8	NUT FLANGE M6
	3500200	1	BUFFER KIT (LH & RH WITH FLANGE NUTS)
	3162455	2	PLASTIC CAPS
	3751313	1	BRACKET NUMBER PLATE
	6781408	1	DOUBLE SIDED TAPE
	6522027	1	STONE TRAY
WINCH CABLES, INDICATORS	BLB560	3	CABLE BLACK 560mm
	3500080	1	ARB INDICATOR KIT

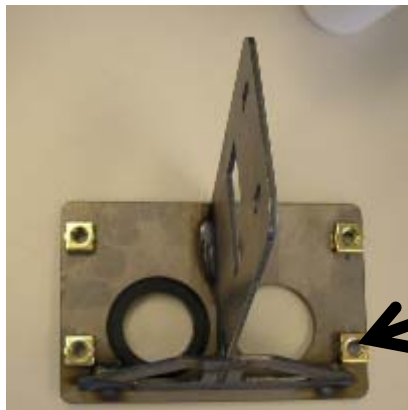
TOOLS REQUIRED, Basic tool kit, drill, 10mm drill bit and circlips pliers.

READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH BULL BAR FITMENT

 <p>1a</p> <p>1b</p> <p>1c</p>	<p>1. Fit the M6 cage nuts to lower pan of the bull bar and the M8 cage nuts to the impact absorbers.</p> <p>1a. M6 CAGE NUTS IN LOWER PAN</p> <p>1b. M8 CAGE NUTS IN IMPACT ABSORBER.</p> <p>1c. TO INSERT CAGE NUTS, PUT ONE SIDE IN AND SQUEESE WHILE PRESSING DOWN.</p>
	<p>2. Fit buffers to the bull bar using the 8mm nyloc nuts and heavy-duty flat washers. (Do not over tighten)</p> <p>3. Fit indicators into the bar.</p> <p>4. If no winch is being fitted fit the plastic caps into both sides of the bar. If a winch is being installed fit a plastic cap to the LHS wing only.</p>
	<p>5. If a winch is not being fitted place double sided tape across the back of the number plate and fix in place to the lower holes in the bull bar using 2 M6 x 20mm bolts, M6 flat washers and M6 flange nuts.</p>

ASSEMBLY SEQUENCE FOR WINCH INSTALATION

	<p>6. Remove the cover from the control box. Remove the three main power cables that go from the control box to the winch and replace with the longer cables (BLB560) from the bolt kit. MAKE SURE THAT YOU LABEL THE NEW CABLES THE SAME AS THE CABLES REMOVED FROM THE CONTROL BAX.</p>
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Insert 4 cage nuts as shown

7. Fit the rubber grommet into the control box bracket as shown opposite.



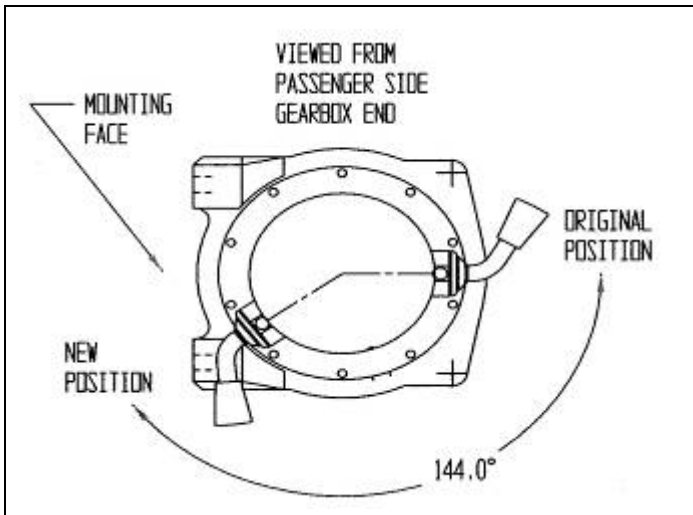
8. Fit the control box bracket to the control box using the 4 large M6 flat washers placed either side of the bracket and secure using the original 1/4" nuts. Finger tighten only at this stage.



9. Fit the control box cables through the rubber grommet of the control box bracket and cable tie together.
10. Secure the control box to the inside of the bull bar using 3 M8 x 20mm bolts; M8 flat washers and M8 spring washers. Finger tighten only.



11. When the control box is secured to the bull bar, adjust the control box so that the remote cap is central in the cutout in the wing. When satisfied tighten the control box to control box bracket bolts and the control box bracket to bull bar bolts.



12. To place the winch clutch handle in the correct position and for ease of operation, the handle must be rotated 144° in a clockwise direction.

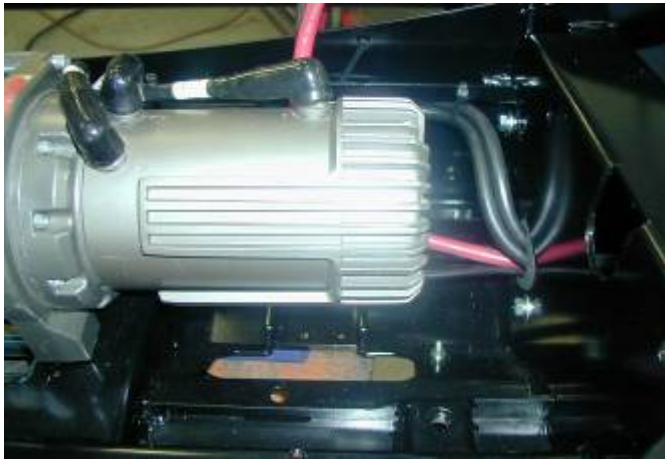
Undo and remove all the capped head screws from the gearbox end. Gently raise the gearbox just enough to allow rotation .DO NOT COMPLETELY REMOVE THE GEARBOX. Refit all capped head screws and tighten.



13. Place the winch on a stand with the mounting holes facing upwards. Lower the bull bar onto the winch. NOTE: THE WINCH MUST BE LINED UP SO THAT WHEN ATTACHED TO THE BAR THE CABLE SPOOLS FROM THE BOTTOM OF THE WINCH. Align all four holes and secure the top holes using the hardware supplied with the winch. Finger tighten only.

14. Remove the circlips from the lower end of the roller fairlead and position roller fairlead over lower holes in bull bar cutout. Secure using hardware supplied with the winch. Tighten all bolts.





15. Connect the winch control box cables to the winch. Refer to the Warn installation instruction manual when wiring up winch.

USING CABLE TIES ENSURE THAT ALL CABLES ARE INSTALLED WELL CLEAR OF ALL SHARP OR MOVING PARTS.



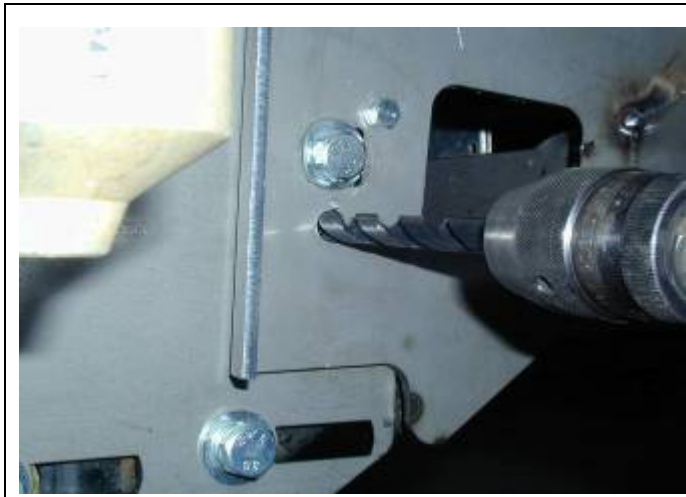
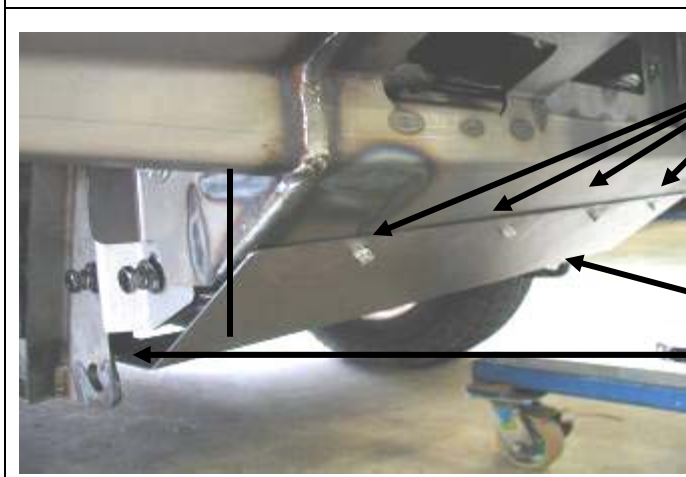

16. Attach the impact absorbers to the bullbar using four M10 x 30mm bolts, M10 nuts, M10 flat and spring washers. Do not fully tighten the bolts at this stage.
17. Remove the bumper bar from the vehicle and discard the bolts used to hold the bumper bar in place.



18. Using the assistance of two people, position the bull bar over the chassis rails. Insert the square 4mm washers between the chassis and the impact absorber and fix in place using four M10 x 40mm bolts, M10 flat and spring washers. Tighten bolts.



19. Secure the lower bull bar mounting holes to the vehicle tie down plates using M12 x 35mm bolts, heavy-duty flat washers, spring washers and 12mm nuts. Tighten bolts until the heavy-duty washers deform.

			<p>20. Position the bull bar so that a uniform gap is obtained on either side and there is between 20 and 25mm gap between the wing and the mudguard tighten the four bolts holding the bar to the impact absorbers.</p> <p>21. Using a 10mm drill bit, drill a pinning hole through the impact absorber using the lower hole in the upright as a guide and then fix using two M10 x 30mm bolts, M10 flat and spring washers. Tighten bolts.</p>
			<p>22. Attach the stone guard to the vehicle using four M6 x 20mm black bolts, M6 black flat and spring washers along the front of the stone guard and two M8 x 20 mm bolts M8 flat and spring washers underneath.</p>
FUNCTION	INDICATOR HARNESS	VEHICLE HARNESS	<p>23. Connect the wires of the indicator harness supplied to the wires on the vehicles combination lamp as per the table opposite using the scotch locks provided.</p> <p>NOTE: Remove the vehicles combination lamps as follows. Remove the bolt from the top of the lamp into the headlamp body. Remove the grill and the two bolts located on the inside edge of the headlamp body. Carefully pull the lamp forward. Cable tie any excess wire harness to the hole located on the return fold of the bar below the headlight.</p>
EARTH	BROWN	BLACK	
AMBER LENSE	BLUE	GREEN	
			<p>Mounting holes for the use of a high lift jack have been incorporated on both sides of the bull bar.</p>