



# FITTING INSTRUCTIONS

Part Number: **3638020/040 F/Kit 6172601 \*\*Opt Beaver panel for ST-R Part # 3538040**  
Product **Rear Step Tow Bar**  
Description:  
Suited to **Nissan Navara D22 Dual Cab**  
vehicle/s: **Part # 3638020 Japan Manuf to 09 3.0L VIN Number starts 'J1'**  
**Part # 3638040 Thailand Manuf NOV 08 ON 2.5L VIN Number starts 'MNT'**

## WARNING

### REGARDING VEHICLES EQUIPPED WITH SRS AIRBAG:

When installed in accordance with these instructions, the front protection bar does not affect operation of the SRS airbag.

### 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 bull bar.
- ◆ 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**

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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

### REQUIRED TOOLS FOR FITMENT OF PRODUCT:

Metric spanner and socket sets	250mm Adjustable Wrench
Philips screw driver	Loctite 262 or equivalent
Power drill 13mm capacity	Dia 12.5 drill bit

### HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

Protective eyewear 	Hearing protection 
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**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.

### FASTENER TORQUE SETTINGS:

SIZE	Torque Nm	Torque lbft
M6	9Nm	7lbft
M8	22Nm	16lbft
M10	44Nm	32lbft
M12	77Nm	57lbft

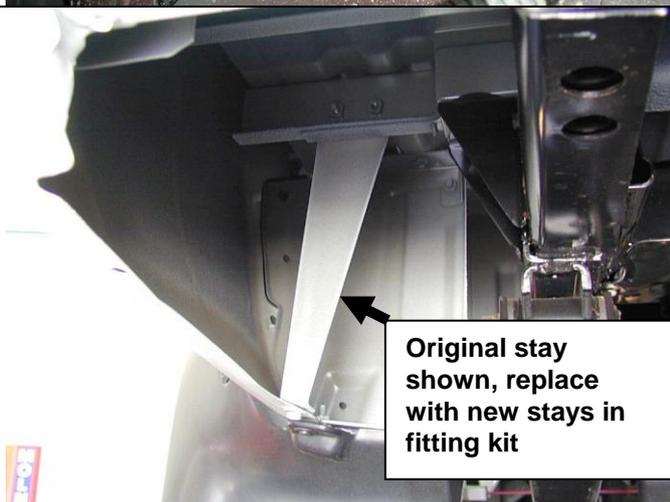
<b>PARTS LISTING</b>			
<b>APPLICATION.</b>	<b>PART NO.</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>GUARD STAYS</b>	3757907L	1	BRACKET STAY
	3757907R	1	BRACKET STAY
	6151213	6	BOLT M6 x 20 BZ
	4581082	6	WASHER FLAT M6 LG BZ
	4581287	6	WASHER SPRING M6 BZ
	6151128	2	NUT FLANGE M6
<b>REAR STEP TO VEHICLE</b>	3757902L	1	BRACKET – INTERNAL CHASSIS (LHS)
	3757902R	1	BRACKET – INTERNAL CHASSIS (RHS)
	6151255	14	BOLT M12 x 40 x 1.75P
	6151189	14	NUT M12 x 1.75P
	4581049	28	WASHER FLAT M12
	4581050	14	WASHER SPRING M12
<b>CHECKER TOP TO RSTB</b>	3193625	1	CHECKER TOP – ALUMINIUM
	6151200	8	BOLT DOME HEAD M6 x 25 x 1.25P
	4581072	8	WASHER FLAT M6
	6151128	8	NUT FLANGE M6
<b>EYE BOLT TO RSTB</b>	6151111	2	BOLT LIFTING EYE M20
	6151161	2	NUT M20 ZP
<b>TOW WARNING LABEL</b>	2125461	1	TOW WARNING LABEL
<b>SHAFT ASSEMBLY TO RSTB</b>	4761110	1	SHAFT ASSEMBLY
	55010	1	TOWBAR PULL PIN
	55020	1	SPRING CLIP
	4781310	1	COVER TUBE OUTER END
<b>BEAVER PANEL FITMENT 'STR' MODEL</b>	6151384	2	SCREW PAN HEAD
	6821189	6	GROMMET RND HD
	6151213	6	BOLT M6 X 20 BZ
	4581287	6	WASHER SPRING M6 BZ
	4581082	7	WASHER FLAT M6 LG BZ
	6151128	1	NUT FLANGE M6
	6151082	1	BOLT DOME HEAD M6 X 25 BZ

**\*\*OPTIONAL BEAVER PANEL KIT FOR STR MODEL : Part # 3538040**

## FITTING PROCEDURE



1. Disconnect original bumper number plate wiring looms then remove the rear bumper and tow bar if fitted.
2. Remove spare wheel (optional)



3. Remove stays from inside guards
4. Replace with supplied stays from fitting kit (note these are handed to suit each side of the vehicle) and fix with supplied M6 bolt washer and nut sets



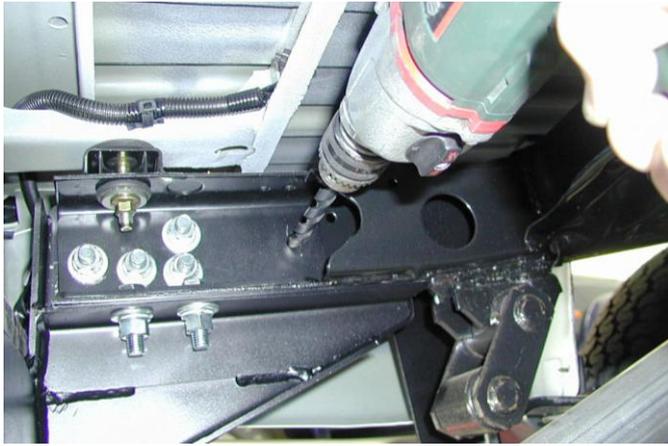
5. Remove number plate
6. 'STR' only models, remove factory number plate lights.

**HINT: NOTE COLOR OF WIRING CONNECTIONS BEFORE REMOVAL, TYPICALLY GREY FOR RH AND BLACK FOR LH**



7. Fit rear bar into position and fit bolt washer and nut sets to provided hole sets
8. Tighten up bolts

## FITTING PROCEDURE



9. Drill Dia 12.5 pinning hole in position as shown both sides of vehicle



**Warning:** Drilling operations can result in flying metal debris, safety glasses should be worn.



10. Then drill Dia 12.5 vertical pinning holes in front holes position in chassis underside just rear of spring hanger and, if required, at second hole position both sides of vehicle
11. Fix M12 bolt washer and nut sets into pinning holes and do up tight



**Warning:** Drilling operations can result in flying metal debris, safety glasses should be worn.



12. Fit checker top to step and fix in position with M6 coach bolts, large flat washer and flange nut sets
13. If spare wheel removed, refit



14. 'STR' only, fit supplied grommets to square holes for number plate and number plate light fixing as shown
15. Refit number plate lights to beaver panel using original screws.

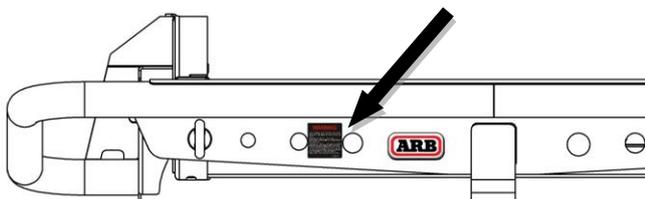
**HINT: ENSURE YOU FIT THE RH AND LH CORRECTLY, REFER STEP 6**

## FITTING PROCEDURE



16. Apply Loctite 262 to the eye bolts threads.
17. Fit M20 eyebolts and secure with nuts
18. If 'DX' model refit number plate as shown

**NOTE: When fitting wiring loom for trailer plug socket, route cable through holes in end plate around the RHS beam not under or over it.**



19. Add the tow warning label to the bar as shown.

**Note: This label must be not be removed**



20. STR only, fit beaver panel Part # 3538040 with original number plate lights fitted

21. Fit number plate using supplied screws

22. Fit black M6 coach bolt through the square hole above and right of number plate in beaver panel, secure from behind with washer and flange nut.

- ◆ **All electrical cabling must be securely fastened and clear of moving parts**
- ◆ **Check all electrical connections are sound and that all lights work correctly**
- ◆ **Check that the towbar specification label is fitted and is correct for vehicle**

## FITTED PRODUCT TO D22T STR (THAI VEHICLE WITH LONGER TUB)

