

BH37SY

REPLACES: 08.02.10

REVISED: 17.01.18

FITTING INSTRUCTIONS

RODEO RA7 LT 03/07on BIG TUBE™ PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG AND ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet.
2. Remove grille. Two plastic clips and two 10mm head bolts along top, one PK self-taper just below Holden badge and two PK self-tapers in bottom corners. Gently lift grille and release two plastic clips into bumper corner (From rear of grille) **See figure 1.**
3. Remove bumper cover. Three plastic clips along top under grille area, one 10mm head self-taper and one plastic clip (each side). Two plastic clips at bottom. Disconnect lights on removal if fitted.
4. Remove cross member from front of chassis. Four 14mm head bolts. **See figure 2.**
5. Loosen rear bolts and remove front 14mm head bolts on chassis protection plate. Allow plate to hang.
6. Attach ECB steel mounting brackets (supplied) to front of chassis. Use four M10 x 40 x 1.25 bolts/washers (supplied). **See figures 3. FINGER TIGHTEN ONLY.**
7. Centre and level steel mounting brackets on vehicle. Ensure sufficient distance apart for protection bar to mount on inside of steel mounting brackets. **Check protection bar measurement.** Use M10 x 35 x 1.25 bolts/washers (supplied) in lower mount holes. **TIGHTEN** steel mounting brackets in position two.
NOTE: Two extra 3/8 flat washers are supplied for spacers between lower welded bracket on steel mount and chassis if required.
8. Mask and cut bumper using a jigsaw, **see figure 4.** BH37 Grille cut out. Top and bottom cut is 20mm from line of vents. Clean edges. **NOTE:** What you leave after cut is the finished edge.
9. Refit bumper as per reverse of step 3.
10. Feed wiring through hole above original fog lights or blanks. Splice ECB indicator/park light and fog light wiring into original wiring loome. Use cable locks (supplied). Do not reconnect original fog lights if fitted.
NOTE: If original fog lights not fitted, an accessory switch and wiring will be required.
11. Attach 6mm clip lock trim (supplied) to top of ECB protection bar. **NOTE:** Trim off lower edge so trim will sit to end of protection bar. **See figures 5, 6 & 7** **NOTE:** Seal any exposed edges of trim with silicone or similar to avoid corrosion of inner steel.
12. Fit ECB LED indicator / park lights (supplied) into protection bar as per instructions supplied with the LED indicator kit. **NOTE: Ensure park light is to outside. See figure 8.**
13. Attach ECB fog lights to protection bar. Place M6 x 20 bolts, spring washers (supplied) through light mount from inside and attach nut to top. Slide assembly into light mount in Protection bar and centralize light to hole. **See figure 9. TIGHTEN ALL BOLTS FIRM ONLY. Do not fit fog light trims at this stage.**

14. Remove air vents from protection bar to allow access for bolts and nuts.
15. Attach protection bar to inside of steel mounting brackets using three ½ x 1 ½ bolts flat and spring washers and nuts (each side) (supplied). Access to bolts are from outside corners of bar for front two bolts and between inner guard and bumper for rear bolt
16. Align protection bar with approximately 10mm clearance off grille and 3-5mm from contacting top of bumper under headlights. **See figures 9, 10 and 11.**
17. Refit under body protection plate using original rear two bolts and bolts previously fitted to bottom of mounts.
18. **TIGHTEN ALL BOLTS/NUTS.**
19. Connect ECB indicator/park light. Secure to original wiring with zip ties (supplied). Ensure wiring is routed in such a manner to avoid any sharp edges etc. **CHECK OPERATION**
20. Connect fog lights. Secure to original wiring with zip ties (supplied). Ensure wiring is routed in such a manner to avoid any sharp edges etc. **CHECK OPERATION.** Aim with low beam, **TIGHTEN IN POSITION.** Fit ECB fog light trims (supplied) to protection bar, wider part of trim to inside.
21. Refit air vents to protection bar. Place top vents upside down to maximise air flow to radiators.

ENSURE NUMBER PLATE IS CLEARLY VISABLE

Note: When fitting/refitting the licence plate to the vehicle, ensure there is no obstruction to licence plate vision in accordance with local authorities. If required relocate licence plate to an alternate location.

Further VFPS Notes:

- a) Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- b) Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- c) Do not remove the plaque or label from the VFPS.
- d) Do not modify the structure of the VFPS in any way.
- e) No accessory or fitment should project forward of the VFPS forward profile.
- f) **ENSURE THESE INSTRUCTIONS ARE LEFT WITH VEHICLE OWNER AND/OR OPERATOR.**

IMPORTANT INFORMATION

Periodically check bolts and nuts for correct tightness, especially if travelling on rough roads



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St
Clontarf QLD 4019
Australia

Po Box 122
Margate QLD 4019
Australia

FITTING KIT

2 – Steel mounting brackets.	1 – Pair ECB Fog lights.
4 – M10 x 40 x 1.25 bolts.	2 – Fog light surrounds.
2 – M10 x 35 x 1.25 bolts.	2 – M6 x 20 bolts.
10 – 10mm flat washers.	2 – M6 flat washers.
6 – 10mm spring washers.	2 – M6 spring washers.
6 – ½ x 1 ½ bolts/nuts.	2 – M6 nuts
12 – ½ flat washers	1 – 2200mm length 6mm clip lock trim.
6 – ½ spring washers.	10 – Cable locks.
1 – ECB LED Indicator / Park light kit.	4 – 150mm zip ties.



Figure 1

Cross Member



Figure 2

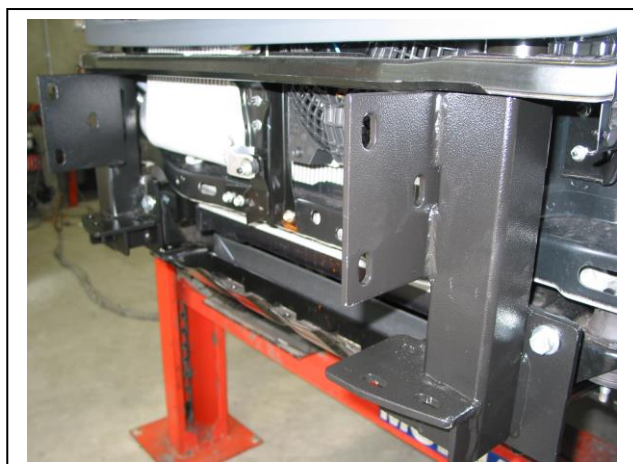


Figure 3 – Passenger side shown

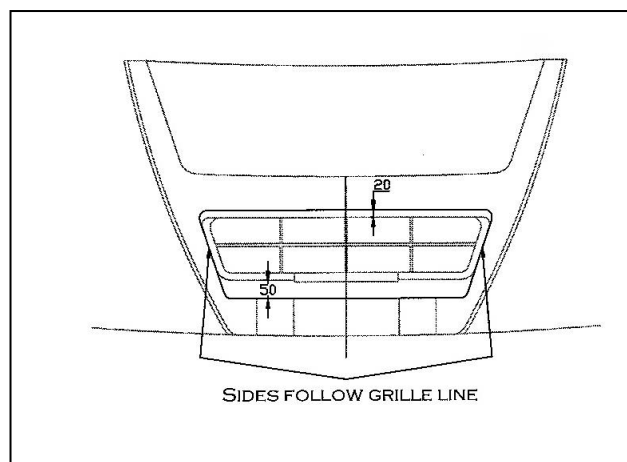


Figure 4 – Trim for centre of bumper



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St
Clontarf QLD 4019
Australia

Po Box 122
Margate QLD 4019
Australia

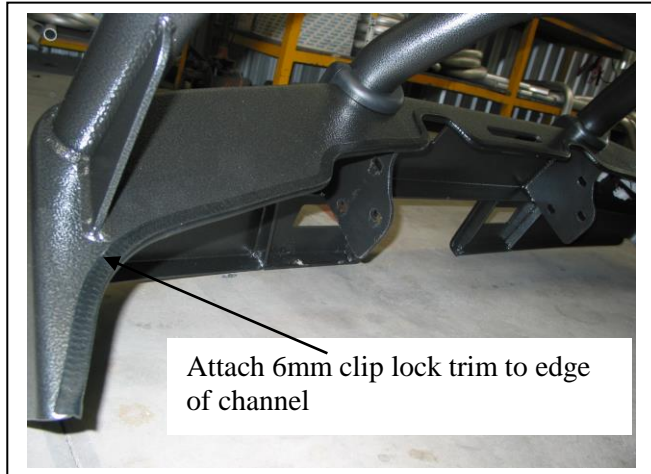


Figure 5

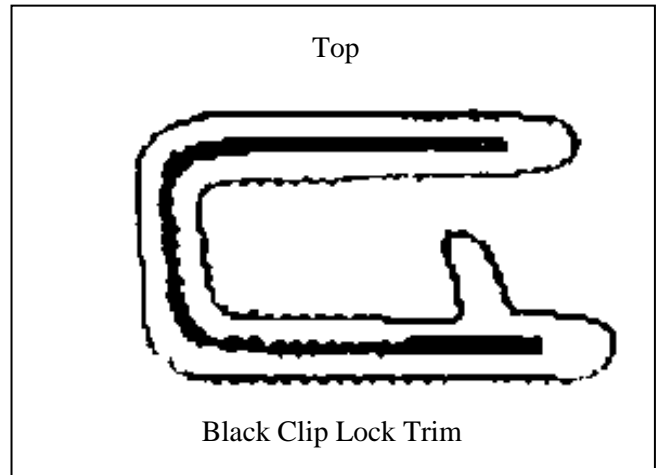


Figure 6

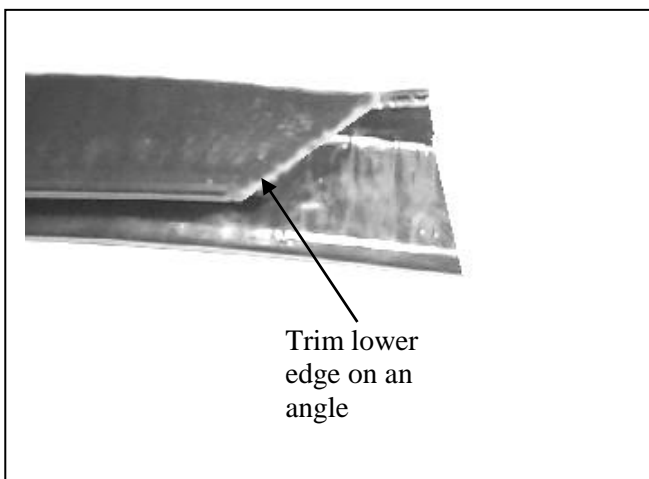


Figure 7

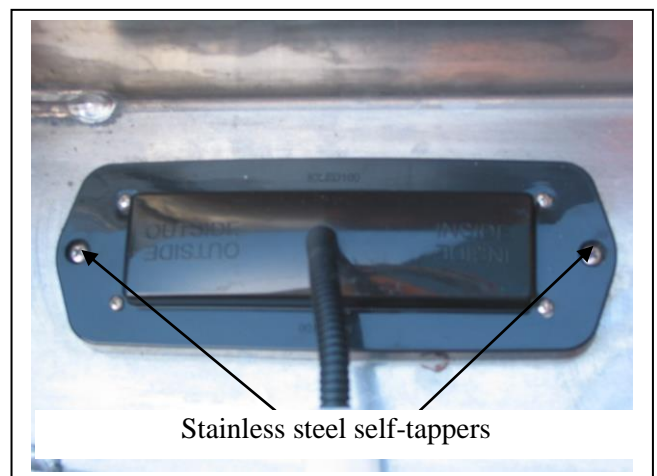
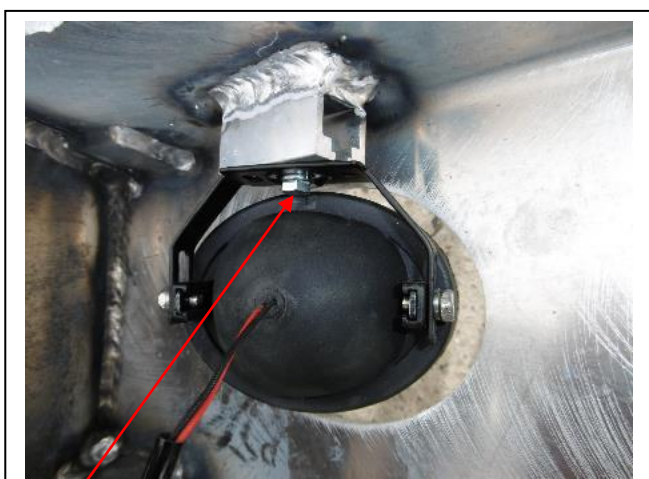


Figure 8



M6 bolt

Figure 9



Figure 10



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St
Clontarf QLD 4019
Australia

Po Box 122
Margate QLD 4019
Australia



Figure 11 – Front view shown

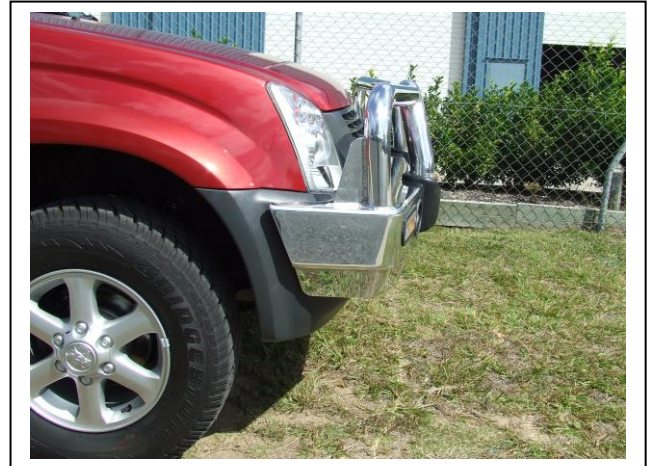


Figure 12 – Side view shown



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St
Clontarf QLD 4019
Australia

Po Box 122
Margate QLD 4019
Australia

We value your comments

Dear Fitter,

ECB would like to know how you went with the installation of this product. We value your comment and may need to contact you to clarify some details so please complete your contact details clearly.

We would appreciate if you could complete as many of the following details as possible.

Your Name:	Your contact No.
Product Part No.	Product Invoice No.
Product Description:	Make, model, and year of vehicle:
Product Work Order No.	Company your from/Company product purchased from:

Date of Fitment: ____/____/____

Was the fitting hardware supplied complete?

Yes

☐

No

☐

If no what was not supplied

Did the installation go well?

Yes

☐

No

☐

Please provide comments

Please draw diagrams if you need to.

Post to
Reply Paid 122
PO Box 122

Fax to
(07) 3283 1168



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St
Clontarf QLD 4019
Australia

Po Box 122
Margate QLD 4019
Australia

Margate QLD 4019

DESPATCH CHECKLIST BH37SY

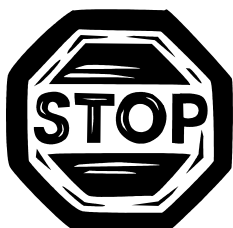
ICZBKCH37



Work Order #	
Finish:	
Transport:	
Due Date:	

- ☐ 2 – Steel mounting brackets.
- ☐ 1 – Bolt Kit
- ☐ 1 – ECB LED Indicator / Park lights kit.
- ☐ 1 – Pair ECB fog lights.
- ☐ 2 – Fog light surrounds.
- ☐ 1 – 2200mm length 6mm clip lock trim.
- ☐ 2 – ECB overrides – **Fitted to bar.**
- ☐ 5 – 6mm air scoops – **Fitted to bar.**

**See other side of
this page for
photos of all
mounts**



Is this product “the best it can be” Yes _____/_____
Wrapper's initials / Checker initials

If **NO** fix before continuing

All parts checked and completed by:

Nut and bolts: _____ Date __/__/__

Order control: _____ Date __/__/__



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St
Clontarf QLD 4019
Australia

Po Box 122
Margate QLD 4019
Australia

Final wrap check: _____ Date __/__/__

