



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

EASY32SY

REPLACES: 12.04.12

REVISED: 16.01.18

FITTING INSTRUCTIONS

SSANGYONG ACTYON 01/12on FOG LIGHT ARC™ BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet.
2. Remove ten plastic screw clips from across top of bumper to radiator support. Remove bumper to radiator cover.
3. Find **Template 1** in this instruction. Ensure size of template is correct as some printers may vary. Using a sharp pair of scissors, cut to size.
4. On bumper, mask area to be cut with paper masking tape to avoid damage when marking and cutting, Place template 1 into position and mark cut line onto bumper. **See figure 1.** Continue cut line on body line of vehicle. **Retain centre bumper recess and bolt**
5. Double check cut line before cutting bumper. Cut line continues down bumper line under grille. **NOTE:** Retain centre bumper recess and bolt. **See figure 2.**
6. Cut bumper to size. Caution not to cut inner guards.
7. Remove three PK plastic screw clips from lower front of inner guard and two PK plastic screw clips from lower centre of plastic bumper. Carefully remove lower half of bumper cover.
8. Remove lower under body guard, four 12mm head bolts.
9. Remove lower 17mm head bolt and nut from lower front of chassis rails.
10. Install steel mounting brackets (supplied) onto vehicle using two M10 x 35 bolts, flat washers, spring washers and nuts (per side) (supplied) onto bumper support. Align rear hole to lower mount hole in chassis rail and install one M12 x 40 bolt, flat washers, spring washers and nut (per side) (supplied). **TIGHTEN ALL BOLTS. See figure 3.**
11. Using steel mounting brackets as a guide, drill hole in front of bumper support to 10mm and lower hole in chassis mount to 13mm. **See figure 4. NOTE: Blow all filings clear and treat all exposed metal with a rust inhibitor.**
12. Install one M10 x 35 bolt and washer on wire, flat washer, spring washer and nut (per side)(supplied) into drilled hole in bumper support and one M12 x 40 bolt flat washer, spring washer and nut (per side)(supplied) into drilled hole on lower section of chassis rail. **TIGHTEN ALL BOLTS.**
13. Remove two 10mm head bolts and one PK screw from headlights. Carefully remove headlights, disconnect wiring as you go.
14. Splice ECB indicator / park wiring harness into original equipment wiring harness using cable locks (supplied). Place wiring behind bumper cover taking care not to crush or run over sharp areas. Refit headlights.



**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

15. Fit ECB Quick Click fog light wiring harness (supplied) to vehicle fog light wiring harness.
16. 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 5.**
17. 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. **TIGHTEN FIRM ONLY. See figure 6.**
18. Attach 6mm clip lock trim (supplied) to top of protection bar. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of protection bar. **See figures 7, 8 and 9.**
19. Attach 3mm clip lock trim (supplied) to bottom outer corners of plastic bumper. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of plastic bumper.
20. Push inner guard up into wheel arch and against radiator support, and drill 6mm hole into outer lower corner of radiator support and through inner guard. **See figure 12 for placement. Blow all filings clear and treat all exposed metal with a rust inhibitor.**
21. Fit protection bar to outside of steel mounting brackets. Use M12 x 40 bolts, flat washers, spring washers and nuts (supplied) **FINGER TIGHTEN ONLY.**
22. Align protection bar to vehicle ensuring a minimum 10mm gap from wing to front edge of bumper cover and allowing 12mm around front of bumper. Front of protection bar should be vertical for correct fitment. **See figures 10 and 11. TIGHTEN ALL BOLTS.**
23. Connect and test vehicle wiring to ensure correct operation. Tidy wiring to ensure it does not hang.
24. Trim outer section from plastic under body guard to allow neat contact around steel mounts and refit using original bolts.
25. Trim inner guards to suit protection bar and neatly tuck behind end caps. Attach inner guard to radiator support using one M6 x 20 bolt, flat washers and nyloc nuts (per side).

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

1 – Pair steel mounting brackets	4 – M6 flat washers
4 – M10 x 1.25 x 35 bolts	2 – M6 spring washers
2 – M10 x 1.25 x 35 bolts and washers on 300mm wire	2 – M6 nuts
10 – M10 flat washers	2 – M6 nyloc nuts
6 – M10 spring washers	1 – ECB LED Indicator / Park light kit
6 – M10 x 1.25 nuts	1 – Pair Quick Click Indi Wiring (IC12SAYACECB100H)
10 – M12 x 1.25 x 40 bolts	1 – Pair ECB fog lights
20 – M12 flat washers	1 – ECB Quick Click Fog Wiring (IC10D40S1004ECBH)
10 – M12 spring washers	2 – Fog light trims
10 – M12 x 1.25 nuts	1 – 2450mm length 6mm clip lock trim
4 – M6 x 20 bolts	2 – 300mm length 3mm clip lock trim



Figure 1: Mask front of vehicle ready to mark.



Figure 1: Front of completed bumper cut.
NOTE: retention of centre attachment point.



Figure 2: Retain recessed section and bolt in centre of bumper.



Figure 3: Steel mounting bracket installed to chassis rail.



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

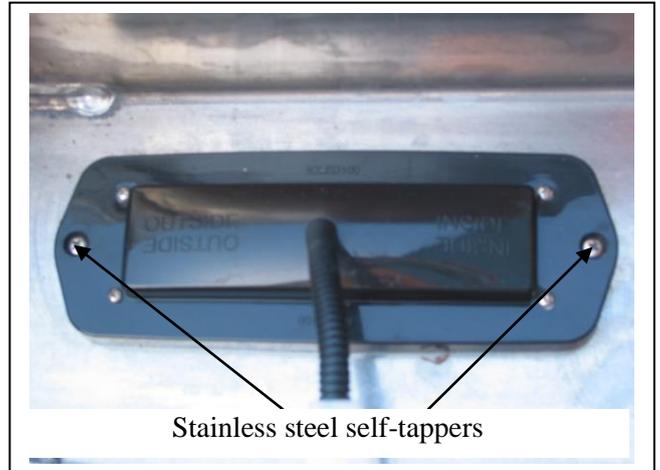
ecb@ecb.com.au www.ecb.com.au

29 Snook St
Clontarf QLD 4019
Australia

Po Box 122
Margate QLD 4019
Australia

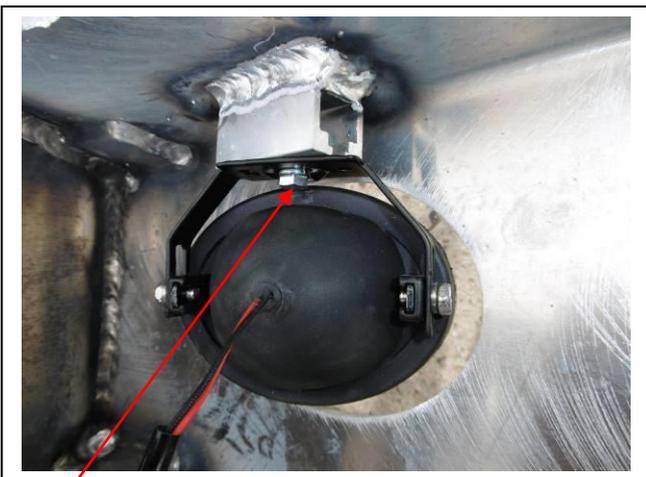


Figure 4: Drill lower mount to 13mm.



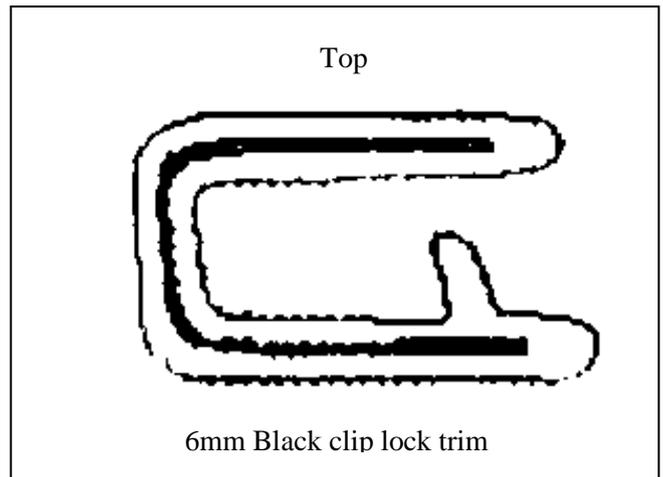
Stainless steel self-tappers

Figure 5



M6 bolt

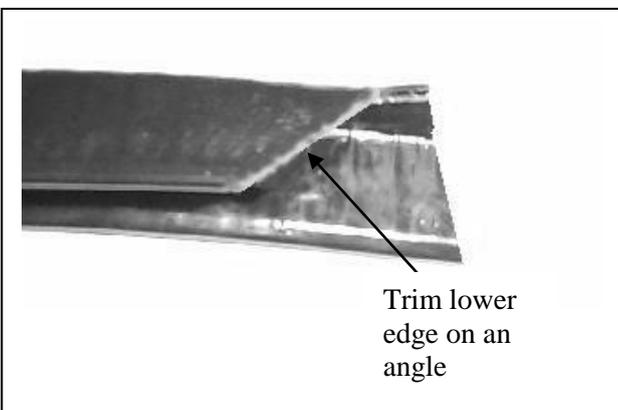
Figure 6



Top

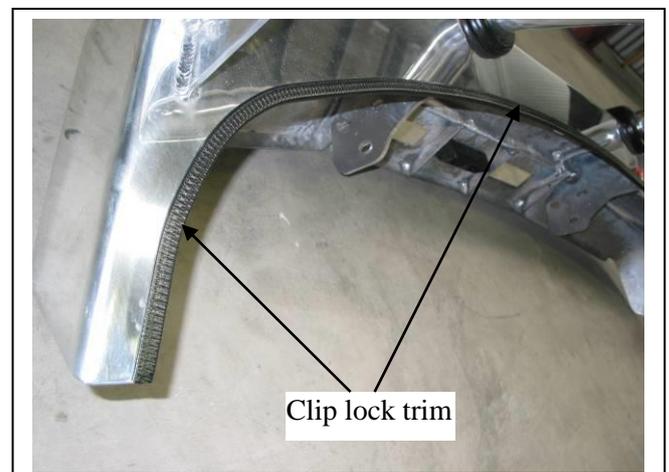
6mm Black clip lock trim

Figure 7



Trim lower edge on an angle

Figure 8



Clip lock trim

Figure 9



**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 10: Front view



Figure 11: Side view



Figure 12: Fitted and trimmed inner guard



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

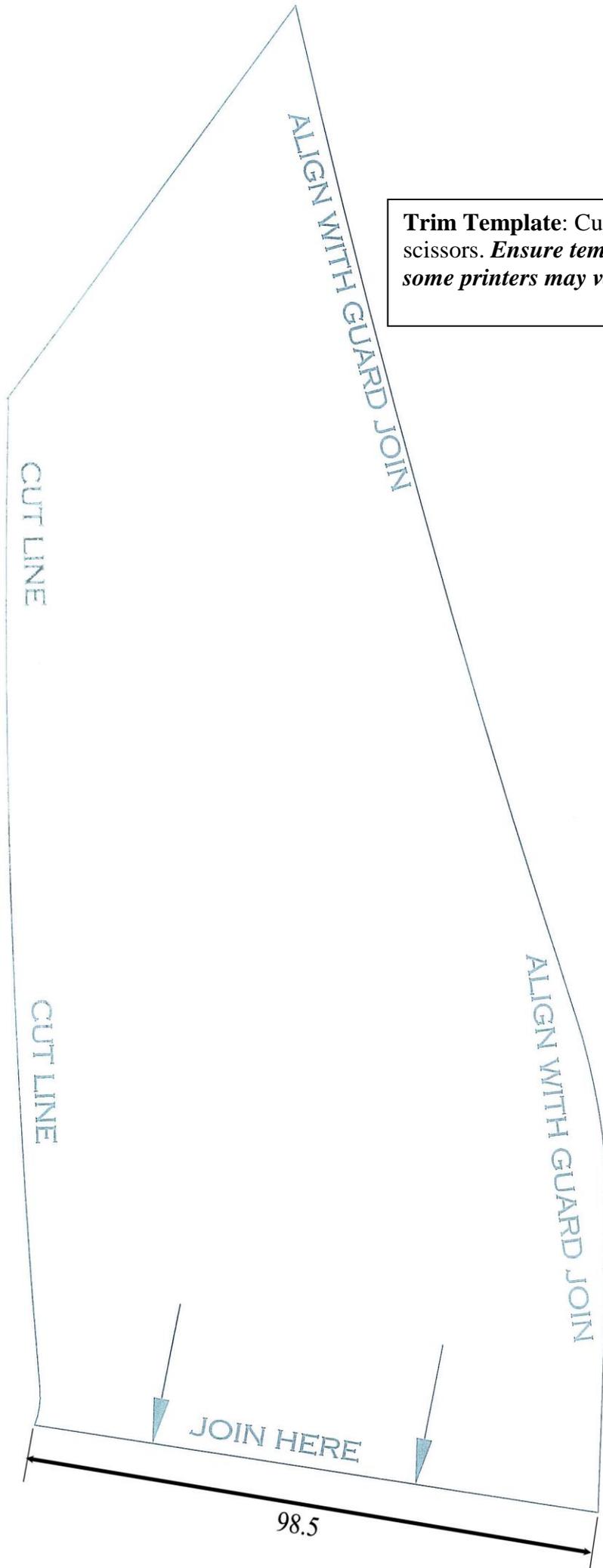
Tel: 07 3897 5700

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



Trim Template: Cut to size using sharp scissors. *Ensure template is correct size, as some printers may vary.*



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

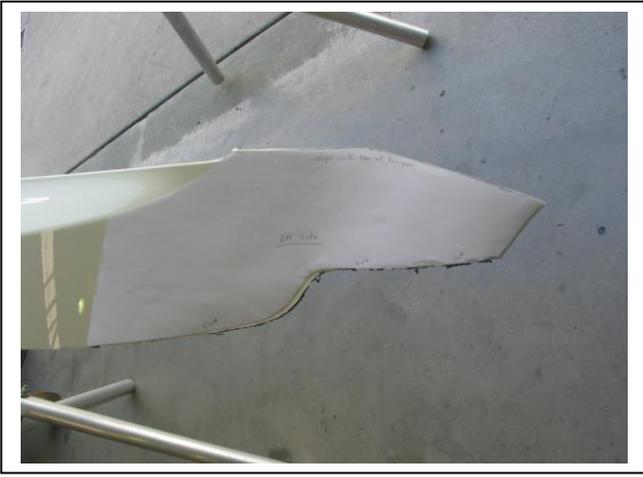
Tel: 07 3897 5700

Fax: 07 3283 1168

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

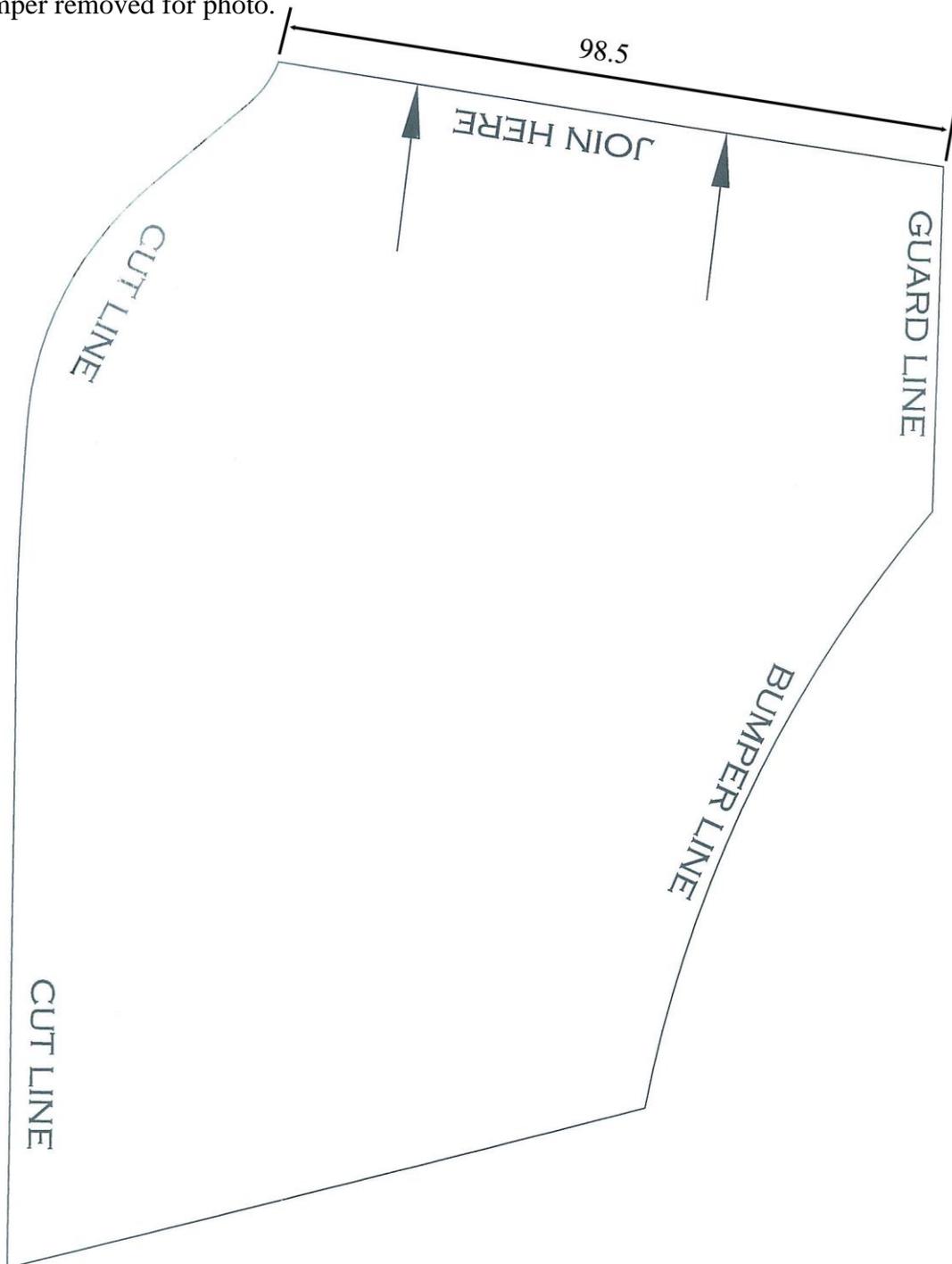
29 Snook St
Clontarf QLD 4019
Australia

Po Box 122
Margate QLD 4019
Australia



Trim Template: Cut to size using sharp scissors. *Ensure template is correct size, as some printers may vary.*

Figure 1: Template in position on bumper.
Bumper removed for photo.





**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



**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,

We 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
Margate QLD 4019

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



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

DESPATCH CHECKLIST EASY32SY

ICZBKCSY32



Work Order #	
Finish:	
Transport:	
Due Date:	

- OC.....1 – Pair Steel mounting brackets
- BK.....1 – Bolt Kit
- BK.....1 – ECB LED Indicator / Park light kit.
- BK.....1 – Pair Quick Click Indi Wiring (IC12SAYACECB100H)
- BK.....1 – Fog light kit
- BK.....1 – ECB Quick Click Fog Wiring (IC10D40S1004ECBH)
- BK.....2 – Fog light trims
- BK.....1 – 2400mm Length 6mm clip lock
- BK.....2 – 300mm Length 3mm clip lock
- OC.....2 – ECB Overrides – **Fitted to Bar**
- OC.....6 – 6mm air vents – **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 __/__/__

Final wrap check: _____ 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

