

EAV47SY

FITTING INSTRUCTIONS

VOLKSWAGON AMAROK V6 1/17on ECB BUMPER LIGHT BIG TUBE™ BAR WITH PARKING SENSORS VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Ensure these instructions are left with the vehicle owner and/or operator.

Check installation hardware before commencing.

- Special Requirements: T25 and T30 Torx drivers
1. Lift bonnet.
 2. Remove two plastic clips and two T30 Torx head screws from top of grille. **See figure 1.**
 3. From under wheel arches, remove three T25 Torx head screws and two T30 Torx head bolts. Under bonnet, remove four 3mm Allen head plastic screw clips. Remove centre number plate two T25 Torx head screws behind number plate (if fitted). Two 10mm head screws from rear wing. Gently pull sides of bumper away from vehicle to unclip from retaining clips, and down on lower rear corner to unlock from retaining lug at front of inner guard. Disconnect fog lights and sensor wiring plug (if fitted) and remove air sensor from bumper as removing bumper.
 4. Carefully remove parking sensors and parking sensor wiring harness from coloured section of bumper. **See figure 2.**
 5. Remove lower polystyrene bumper infill.
 6. Remove two grey push pull clips from front of chassis cross member into lower air dam. Carefully unclip lower air dam from front of radiator and remove.
 7. Remove outer bumper stays from radiator support, two 10mm head bolts.
 8. Disconnect indicator and parking lights on vehicle. Install ECB quick click wiring harnesses (supplied) between disconnected harness and indicator / park lights on vehicle. Run wiring out from under lights ensuring clearance from sharp edges and moving parts.
 9. Fit ECB steel mounting brackets (supplied) to front of bumper support, rear leg to inside of chassis rails. **See figure 3.** Use two M12 x 40 bolts, flat washers, spring washers and nuts for front (supplied), one M10 x 35 bolt and washer on 300mm wire, flat washer, spring washer and nut (supplied) for passengers side inner of chassis rail and one M8 x 30 bolt, flat washer, spring washer (and nut and washer on wire for models without captive nut)(supplied) for drivers side inner chassis rail. Inside of passengers side chassis rail is accessible from welded connection area between chassis rail and front cross member. **See figure 4. Finger tighten only.** Ensure mounts are vertical.
 10. Measure inside measurement of alloy mounts. Set measurement to outside of ECB steel mounting brackets to suit ECB alloy protection bar. Ensure ECB steel mounting brackets remain vertical and central to vehicle. **Tighten all bolts.**

11. Using mounts as a guide, drill two holes per side in front of mount to 13mm and one hole in rear leg to 10mm. **See figures 5 and 6. Blow filings clear and treat all exposed metal with a rust inhibitor.** Fit four M12 x 40 bolts, flat washers, spring washers and nuts (supplied) to front drilled holes and two M10 x 35 bolts and washers on 300mm wire, flat washers, spring washers and nuts for chassis rail holes. **Tighten all bolts**
12. Trim attachment points from radiator air dam. **See figure 7.** Refit to bottom of radiator and chassis cross member in original position.
13. Remove flare and brackets from side of bumper. Flares are hot melt secured at front. **CAUTION** Slight pressure will break this joint. Trim melted edge with knife to enable flair retainer to release without braking. **See figure 8.**
14. Mask rear edge of plastic bumper to allow marking. Measure and mark 220mm down from top rear corner of plastic bumper. Using 50mm paper masking tape; join this mark to the top outer edge of the fog light opening. **See figure 9.**
15. Double check lines to be cut. Across centre open section of grille, trim vertical bars at top. **See figure 10.**
16. Tape top of flares to avoid damage during cutting. Measure templates to ensure correct sizing. Cut templates from instruction with sharp scissors. Using templates to mark flares. Double check to ensure correctness of marking and trim flares to size. **See figure 11.**
17. Refit top section of bumper to vehicle using original equipment screws. **See figure 12.**
18. Use 3mm clip lock trim (supplied) to cover cut edge of flare. Cut inner end of clip lock trim shorter than outer edge to allow full coverage of cut edge. Using Loctite control gel supplied glue front end of clip lock to flare. **See figure 13.**
19. Using Loctite control gel glue front edge of flair and remaining retainers to bumper, locate in correct position and hold firmly for 40 seconds. **See figure 14** (ensure both surfaces are free from dirt and grime.)
20. Once glue is dry, screw self-tapper (supplied) through top of flare into flare on guard. **See figure 15.**
21. Fit ECB LED indicator / park lights (supplied) into protection bar as per instructions supplied with the LED indicator kit. **See figure 16.**
22. Attach ECB bumper 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.**
23. Fit sensor wiring harness into back of protection bar, loosely zip tie harness into position. Fit sensors into ECB housing on protection bar. **See figure 17. NOTE. Sensors with right angle plug go in inside holes.**
24. Connect ECB Quick Click bumper light wiring harness (supplied) into original wiring harness. Screw load resistor onto rear of channel plate with two G6 x3/4 screws (supplied). **See figure 18. LOAD RESISTERS GENERATE A LOT OF HEAT. KEEP ELECTRICAL WIRES CLEAR.**
25. Attach 6mm clip lock trim (supplied) to top of ECB protection bar. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of protection bar. **See figures 19, 20 and 21.**
26. Fit ECB protection bar to outside of ECB steel mounting brackets using M12 x 40 bolts, flat washers, spring washers and nuts (supplied). **Finger tighten only.**
27. Align ECB protection bar. **See figures 22 and 23. Tighten all bolts.**

28. Connect and test vehicle lighting and parking sensors for correct operation.
29. Install centre under body guard to top of skirt lower leg using three M6 x 20 bolts, flat washers and nyloc nuts (supplied). **Finger tighten only. See figure 24.**
30. Install side under body guards (supplied) to top side of skirt lower leg and lower side of centre under body guard using four M6 x 20 bolts, flat washers and nyloc nuts (supplied). Centralise under body guards to vehicle and **tighten all bolts. See figure 25.**
31. Using under body guard as a guide, drill two 6mm holes through vehicles under body guard when fitting to a 6-cylinder vehicle. Fit M6 x 20 bolts, flat washers and nyloc nuts (supplied). Use the supplied adaptor plate and self-drilling screws when fitting to a 4-cylinder vehicle. **See figure 26. Blow filings clear and treat all exposed metal with a rust inhibitor. Tighten all bolts.**
32. Trim inner guards to suit rear of under body guards. **See figure 27.** Attach inner guard to rear of under body guard using three 12-14 hex head self-tapping screws (supplied) (per side).
33. Attach ECB bumper lights to brackets in protection bar. **TIGHTEN FIRM ONLY. See figures 28 and 29.**

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

FITTING KIT

1 – Pair ECB steel mounts	2 – M6 spring washers
1 – Centre under body guard	13 – M6 nyloc nuts
1 – Pair side under body guards	2 – M6 nut
16 – M12 x 1.75 x 40 bolts	6 – 12-14 hex head self-tapping screws
32 – M12 flat washers	4 – 6g x 3/4 SS screws
16 – M12 spring washers	2 – 8g x 25 button head self-tappers
16 – M12 x 1.75 nuts	4 – 8-18 25mm Self drilling screws
3 – M10 x 1.5 x 35 bolts and washers on 300mm wire	1 – ECB LED Indicator / Park light kit (ICLED105ECB)
3 – M10 flat washers	1 – Quick Click Indi / Park Light Kit (IC17VWAMIPDH)
3 – M10 spring washers	1 – ECB bumper light kit
3 – M10 x 1.5 nuts	2 – ECB bumper light surrounds
1 – M8 x 30 bolts	1 – Quick Click bumper light wiring kit (IC16VWAMFOGH)
1 – M8 flat washers	2 – 120mm lengths 3mm clip lock trim
1 – M8 spring washers	1 – 2400mm length 6mm clip lock trim
1 – M8 nut and washer on 300mm wire	1 – Loctite control gel 3g
15 – M6 x 20 bolts	10 – 150mm zip ties
28 – M6 flat washers	

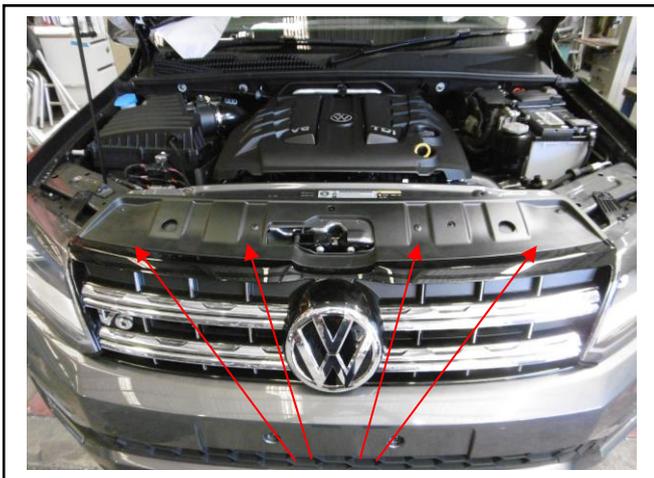


Figure 1

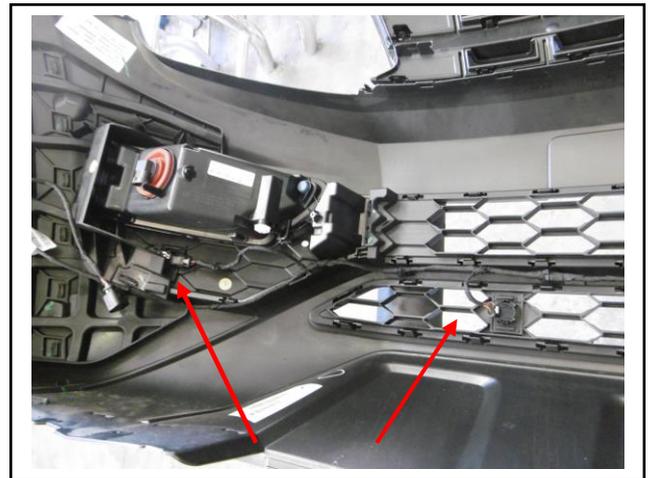


Figure 2



Figure 3

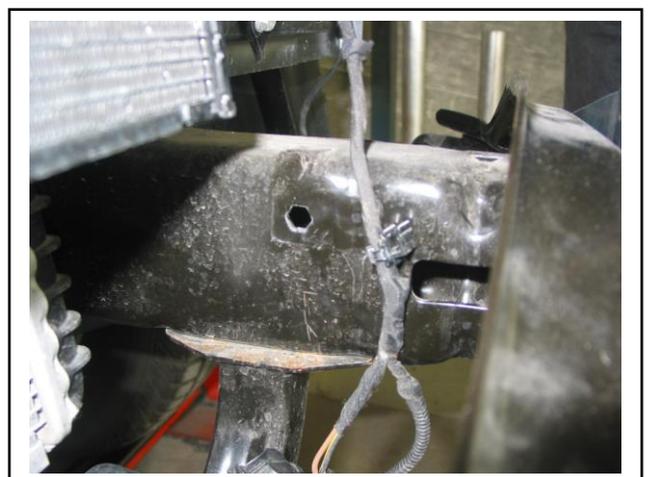


Figure 4

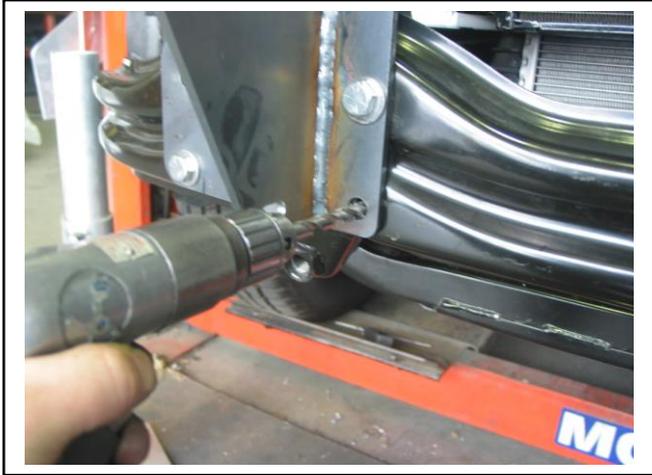


Figure 5

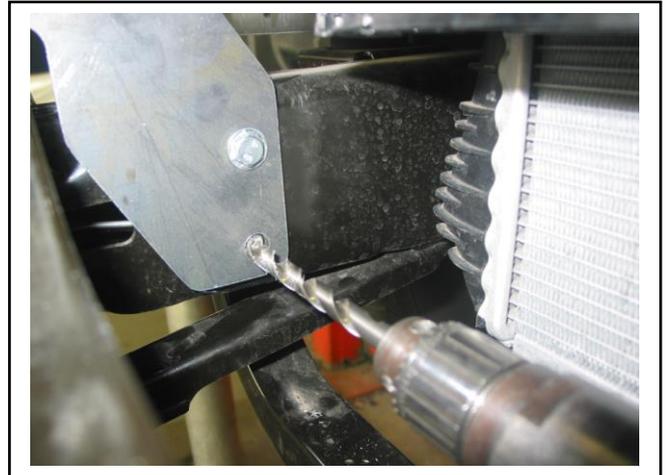


Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12

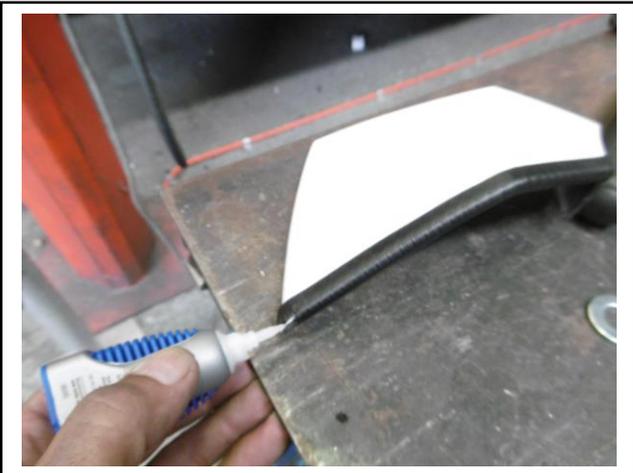


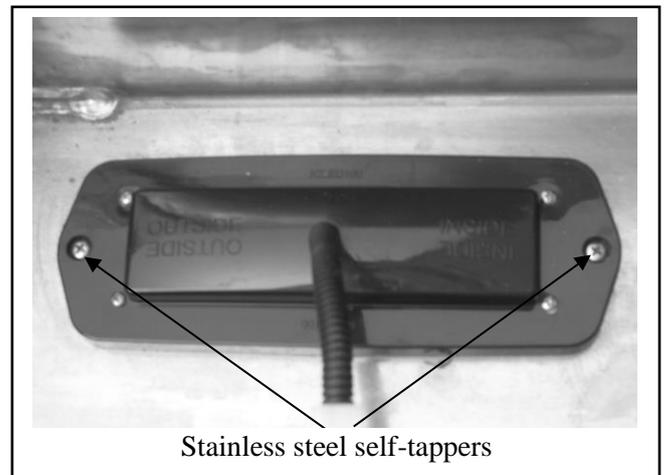
Figure 13



Figure 14



Figure 15



Stainless steel self-tappers

Figure 16



Figure 17

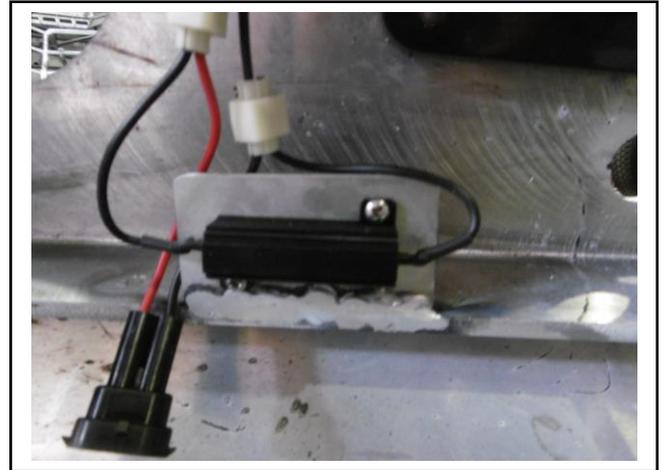


Figure 18

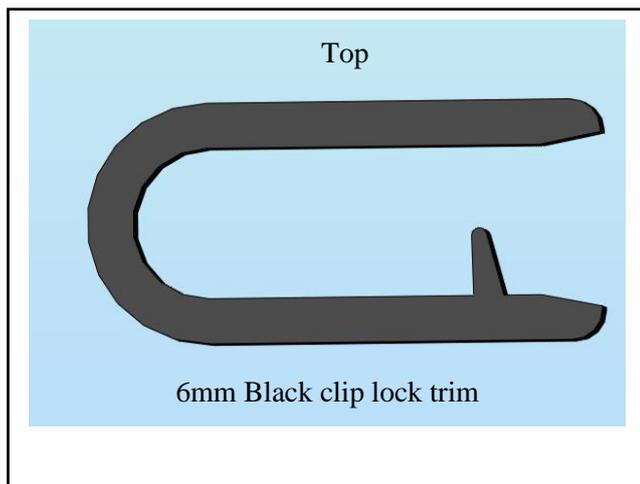


Figure 19

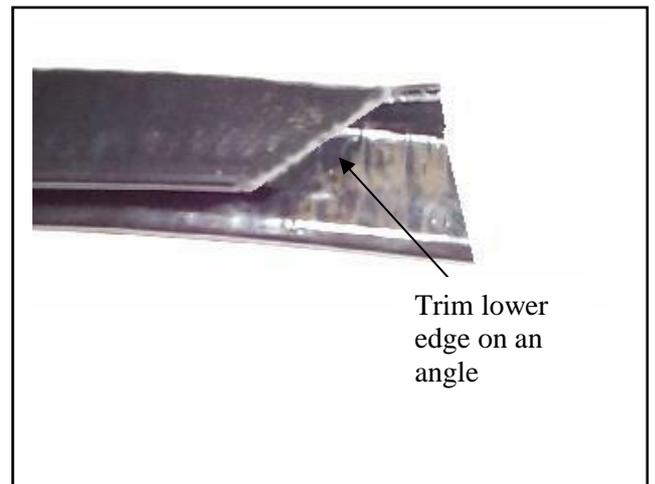


Figure 20.

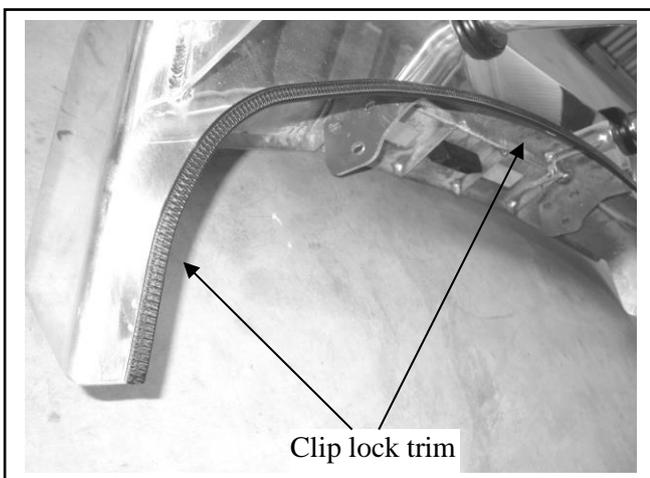


Figure 21



Figure 22



Figure 23



Figure 24



Figure 25



Figure 26



Figure 27

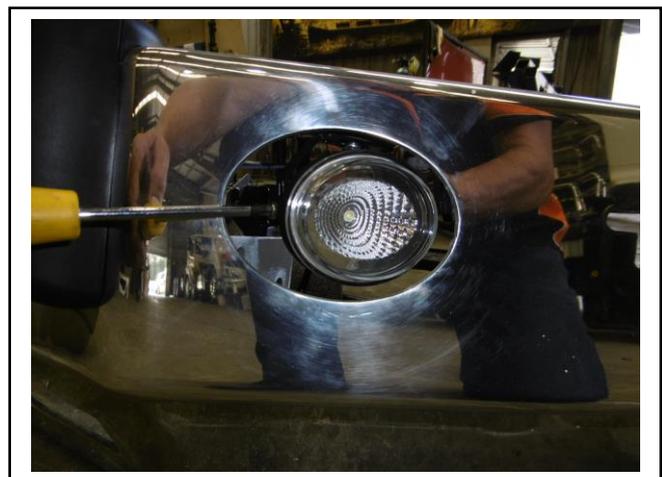


Figure 28

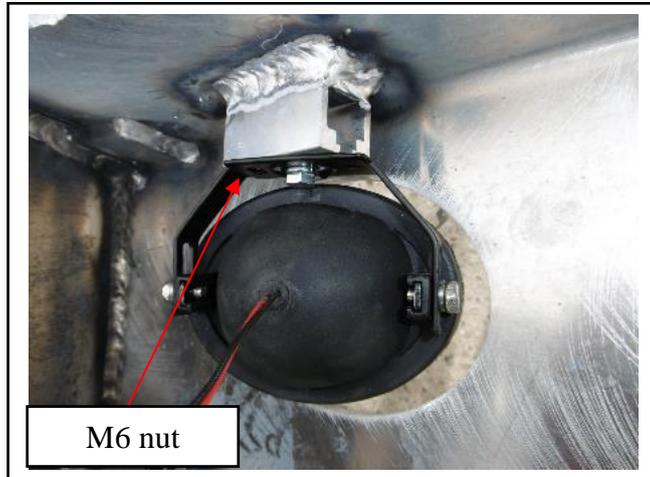


Figure 29

Thank you for purchasing an ECB Product

Please ensure that you read the below and complete the warranty registration.



Vehicle Owner / Operator Responsibilities and Product Care

Important Information

It is the responsibility of the vehicle owner and operator to ensure all nuts and bolts are checked periodically, especially when travelling on corrugated roads. Please ensure these are tightened as per the steps in the provided fitting instructions.

While ECB products are manufactured from high tensile alloy the vehicle owner / operator must check any steel mounting brackets or steel auxiliary parts for signs of corrosion. If you find any corrosion, please contact ECB Pty Ltd to discuss an appropriate solution – 1800 069 145 or www.ecb.com.au.

Product Care

Polished Products

Being a premium mirror polished finish, regular maintenance will be required to keep that iconic ECB shine. We recommend using our own brand of Aluminium Polish. This formula has been tried and tested and in our opinion is the world's best standard.

Directions: Apply a small quantity of Aluminium Polish to a clean soft cloth and rub the metal surface. The longer the rubbing the brighter the surface becomes. Wipe off Aluminium Polish with clean soft cloth. Also suitable for motorised buffing machines. Note: There are more specific details on the polish bottle. Please read before use.

Powder Coated Products

Our powder coated finishes are very low maintenance. In fact, there is actually very little you will ever need to do for this product. Just clean it as you would your car and it will stay looking good as new.

ECB Aluminium Polish

When you're looking for that showroom finish look for your polished automotive products, you can depend on the no compromise quality of East Coast Bullbars Aluminium Polish. This specifically designed product is the best polish available and we guarantee that this \$#!+ works. Within our decades of manufacturing polished alloy products, we have trialed a large range of different polishes on the market and believe without a doubt that nothing beats the finish quality of East Coast Bullbars Aluminium Polish.

East Coast Bullbars Aluminium Polish is excellent for use by hand and is ideal for polished bullbars, nudge bar and stainless-steel products. This polish will clean, polish and protect your product from the elements whilst bringing your products back to that showroom finish look.





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Stronger
Better!**

A: 29 Snook St Clontarf QLD 4019
A: PO Box 122 Margate QLD 4019
P: 07 3897 5700
F: 07 3811 6480
E: info@ecb.com.au
W: ecb.com.au
W: customalloy.com.au



Warranty Registration

Please Register your purchase online www.ecb.com.au/warranty-registration
If you have any questions, please contact our national office on 1800 069 145 or www.ecb.com.au

Or post the below information back to ECB, PO Box 122, Margate, QLD 4019.

Contact Details

Name:	
Address:	
Email:	
Phone:	

Purchase Details

Purchased from:	
Date of Purchase:	

Product Details

(You can find this information on the silver label of your ECB Product)

Part Number:	
Work Order Number:	

By submitting this registration, you automatically subscribe to ECB's mail outs. You can unsubscribe at any time.



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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.

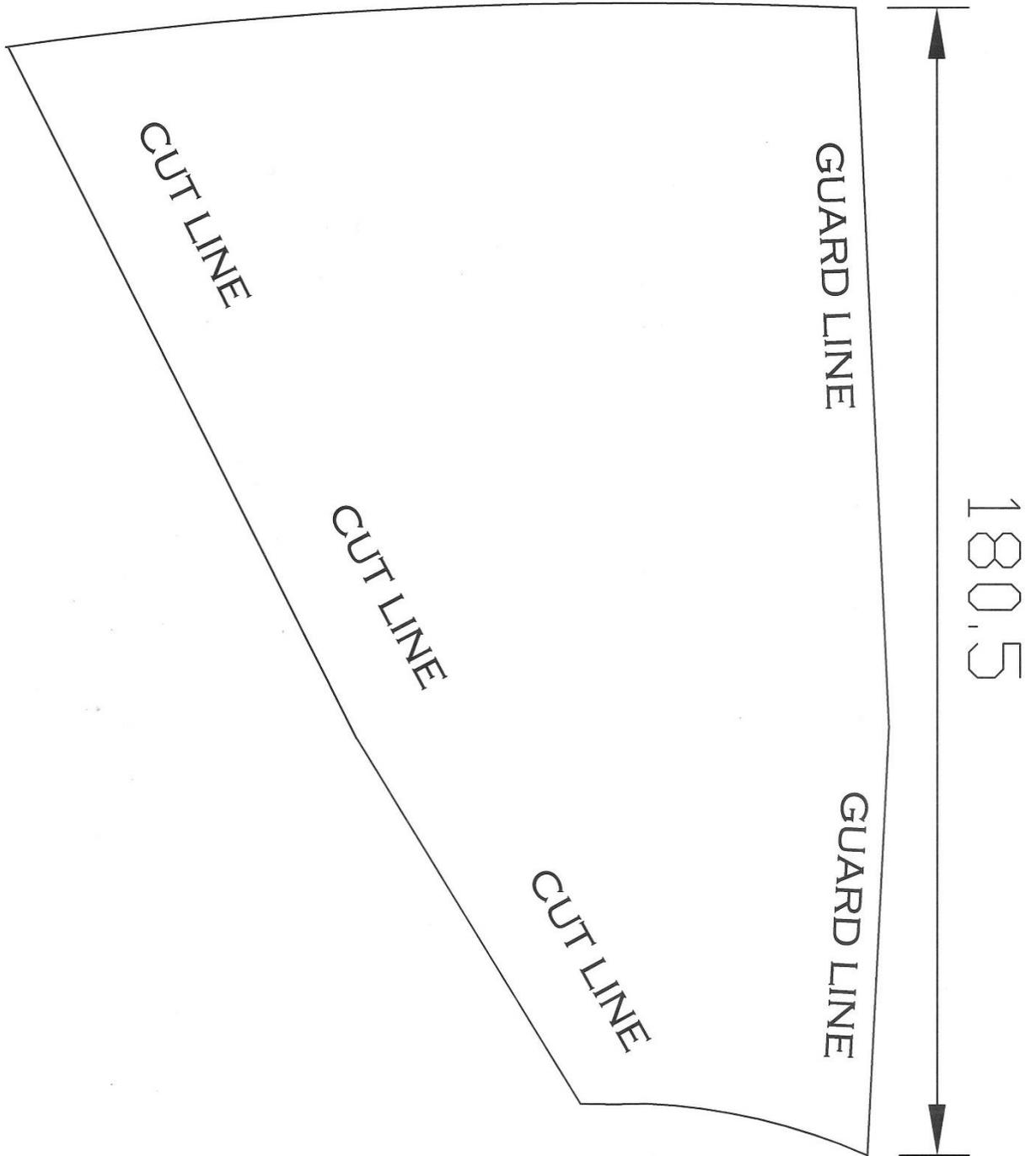
Post to
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Fax to
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W: ecb.com.au
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DESPATCH CHECKLIST EAV47SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- OC.....1 – Pair Steel mounting brackets.
- OC.....1 – Centre under body guard. (P/C black).
- OC.....1 – Pair side underbody guards (P/C black).
- OC.....1 – Underbody guard adaptor.
- OC.....4 – Parking Sensor mounts – Fitted to Bar
- BK.....1 – Bolt Kit.
- BK.....1 – LED ECB indicator / park light kit. (ICLED105ECB)
- BK.....1 – Quick Click Indi / park light kit. (IC17VWAMIPDH)
- BK.....1 – Bumper light kit. (ICLED2020BL)
- BK.....1 – Quick Click bumper light wiring kit (IC16VWAMFOGH)
- OC.....2 –Bumper light surrounds.
- BK.....1 – 2400mm length 6mm clip lock
- BK.....2 – 120mm length 3mm clip lock
- OC.....7 – 6mm Air Vents channel vents **only fitted to bar**
- OC.....1 – Pair ECB Overriders – **Fitted to Bar**



Is this product “the best it can be” Yes
If **NO** fix before continuing

All parts checked and completed by:

Nut and bolts: _____ Date __/__/__

Order control: _____ Date __/__/__

Final wrap check: _____ Date __/__/__

