



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

EAH60SY

REPLACES: 16.07.10
REVISED: 07.07.11

FITTING INSTRUCTIONS

HOLDEN COLORADO 7/08on ECB ARC™ PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG AND ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. To release inner guards, remove one 10mm head screw and one push pull plastic clip (per side) from lower corners of plastic bumper cover. Pull inner guards rearward away from bumper to allow for bumper cut.
2. Remove two 10mm head bolts and three 10mm nuts (per side) from rear of lower flare extension. Remove lower flare extension.
3. Using **Figure 1** as a guide. Mask bumper for cut along top of crease in plastic bumper at sides, up around top of fog light opening and top of grille.
4. Using a jigsaw carefully cut away lower half of bumper cover. Remove masking. **NOTE:** What you leave after cut is the finished edge.
5. Remove cross member from front of chassis. Four 14mm head bolts. **See figure 2.**
6. Loosen rear bolts and remove front 14mm head bolts on chassis protection plate. Allow plate to hang.
7. Attach ECB steel mounting brackets (supplied) to front of chassis. Use four M10 x 40 x 1.25 bolts/washers (supplied). **See figure 3. FINGER TIGHTEN ONLY. Note:** On some vehicles, horn may need to be relocated on passengers side of vehicle to allow fitment.
8. Centre and level steel mounting brackets on vehicle. Ensure sufficient distance apart for protection bar to mount on outside 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. **See figure 4. NOTE:** Two extra 3/8 flat washers are supplied for spacers between lower welded bracket on steel mount and chassis if required.
9. Trim inner guard level with the steel radiator support on the vehicle. Using a hacksaw or similar, remove outer bumper stay level with inner guard. **See figure 5** for approximate trim line.
10. Splice ECB indicator/park light wiring into original wiring loome behind headlights. Use cable locks (supplied).
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 6, 7 & 8 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 9.**
13. Attach protection bar to outside of steel mounting brackets using three 1/2 x 1 1/2 bolts flat and spring washers and nuts (each side) (supplied). **FINGER TIGHTEN ONLY.**



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14. Align protection bar with approximately 12mm clearance from bumper. **See figures 10, 11 and 12. TIGHTEN ALL BOLTS.**
15. Remove 17mm bolts from underside of ECB Steel mount. Align under body protection plate with holes in underside of steel mounting brackets. Mark and drill to 6mm holes in underside of skirt. Fit ECB under body protection plate to top of Protection bar skirt using three M6 x 20 bolts, flat washers and nyloc nuts (supplied). Refit 17mm bolts previously removed.
16. **TIGHTEN ALL BOLTS/NUTS.**
17. 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**
18. Fit air vents (supplied) to under body protection plate. Place 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.

FITTING KIT

1 – Pair steel mounting brackets.	6 – ½ nuts
1 – Alloy under body guard	3 – M6 x 20 bolts
4 – M10 x 40 x 1.25 bolts.	6 – M6 flat washers
2 – M10 x 35 x 1.25 bolts.	3 – M6 nyloc nuts
10 – M10 flat washers.	1 – ECB LED Indicator / Park light kit
6 – M10 spring washers.	2 – 3mm air vent trims
6 – ½ x 1 ½ bolts	1 – 2300mm length 6mm clip lock trim.
12 – ½ flat washers	6 – Cable locks.
6 – ½ spring washers.	4 – 150mm zip ties.



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Figure 1 Trim across join and around grille assembly.



Figure 2: Cross member



Figure 3 – Driver side shown

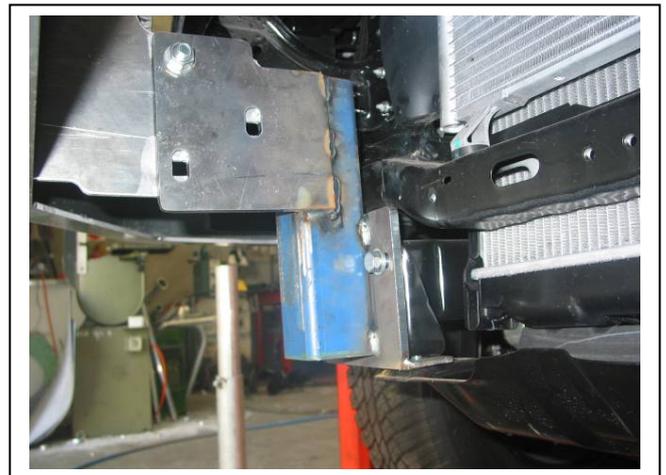


Figure 4 – lower bolt through under body guard

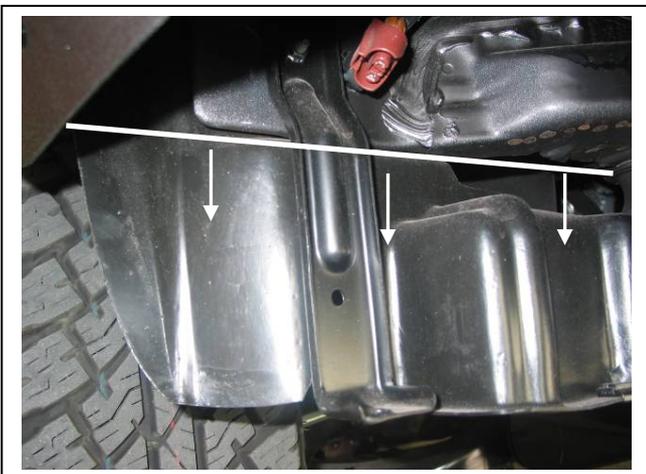


Figure 5: Cut under steel radiator support



Figure 6



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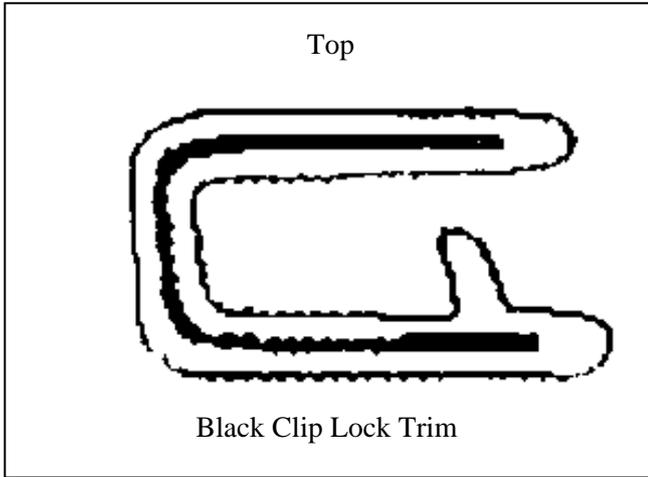


Figure 7

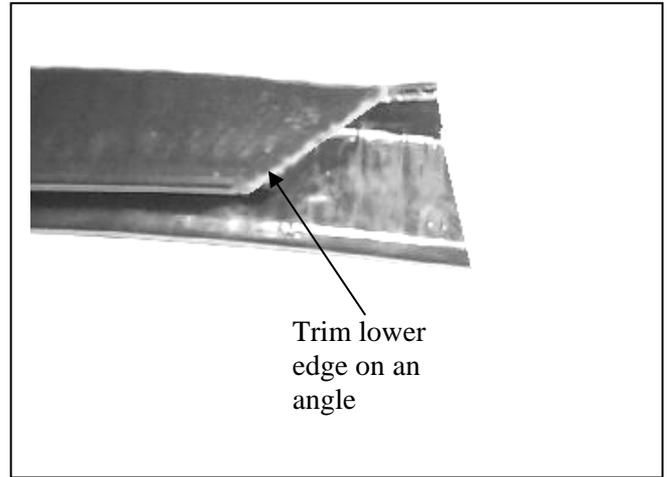


Figure 8

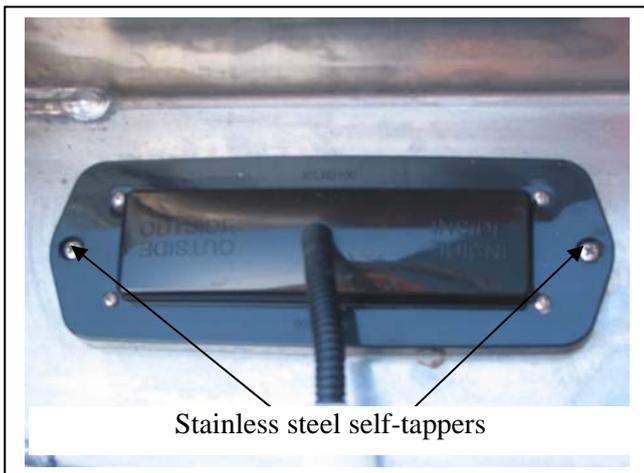


Figure 9



Figure 10: Front view shown



Figure 11: Side view shown



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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
Reply Paid 122
PO Box 122
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Fax to
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DESPATCH CHECKLIST EAH60SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Pair steel mounting brackets. **Caution: Front mount plates are sided**
- 1 – Alloy under body guard - Powder coated black.
- 1 – Bolt kit
- 1 – ECB LED Indicator / Park light kit.
- 1 – 2300mm length 6mm clip lock
- 2 – ECB Overriders – **Fitted to Bar**
- 5 – 6mm air vent trims – **Fitted to Bar**
- 2 – 3mm air vent trims – **Fitted to under body guard**

**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 __/__/__



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