



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

EAH68SY

REPLACES: 26.02.13
REVISED: 01.05.15

FITTING INSTRUCTIONS

HOLDEN COLORADO RG 6-12 on ARC PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

Caution: These vehicles are known for running at high temperatures when driven under fully laden conditions (at close to maximum weight of vehicle and trailer combined). Care needs to be taken when cutting air dams to remove as little as possible around ECB steel mounts.

1. Lift bonnet
2. Remove two T20 torx head screws from the guard liner per side and unplug fog lights.
3. Remove two 10mm head bolts from the top of the bumper next to the headlights, eight T20 torx head screws from the top of grille, and five 10mm head bolts from under side of bumper. Pull outer edge of bumper outwards to unclip from guard and under headlight each side. Remove front bumper.
4. From under vehicle, remove five 15mm head bolts from front section of under body guard. Remove unbolted section only.
5. Remove front bumper support, four 15mm head bolts from end of chassis.
6. Mark and cut left and right air scoop. **See figures 1 and 2. Caution:** leave as much of this air dam in place as possible as cooling system of vehicle when driven under fully laden conditions (at close to maximum weight of vehicle and trailer combined), may be affected.
7. Mark and cut left & right bumper retainers. **See figure 3.** Drill two pop rivets out of rear of retainer and remove. **Note: Blow filings clear and treat all exposed metal with a rust inhibitor.**
8. Align ECB guard infill (supplied) with side of guard. Fit guard liner into slot at rear of infill. Using the infill as a guide mark and drill two 6 mm holes on outer under edge of front guard. **Note: Blow filings clear and treat all exposed metal with a rust inhibitor.** Install using two M6x20 bolts, washers and nyloc nuts (supplied). Secure liner to infill using speed clips and original screws from the bumper underside. Care must be taken when fitting infill on guard to ensure correct positioning so infill can not rub on protection bar. **See figure 4.**
9. Mark and cut inner guards. **See figures 5 and 6.**
10. Using a die grinder or similar, enlarge front hole in the outside of rail large enough to fit 44mm spacer tube. Slide spacer tube into chassis rail ready for the mount. **Note: Blow filings clear and treat all exposed metal with a rust inhibitor. See figure 7.**
11. Install ECB mounting bracket onto chassis rails using four original equipment bolts in front and two M12 x 75 bolts, flat washers, spring washers and nuts (supplied) inside of chassis rail. Align mounting bracket centrally to vehicle. **Tighten all bolts.**
12. Mark and cut bumper across vents under headlights and across under grille. **See figure 8.**



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13. 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.
14. Refit bumper as per reverse of step 2.
15. Fit ECB LED indicator / park lights into protection bar as per instructions supplied with the LED indicator kit. **NOTE: Ensure park light is to outside. See figure 9.**
16. Attach 6mm clip lock trim (supplied) to top of ECB protection bar and winch opening in skirt. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of protection bar. **See figures 10, 11 and 12.**
17. Install ECB protection bar onto ECB mounting bracket using M12 x 40 bolts, flat washers, spring washers and nuts (supplied). For Driver side bottom hole, a nut and washer on wire is provided. **Finger tighten only.**
18. Align ECB protection bar to vehicle. **See figure 13 and 14.** Tighten all bolts.
19. Connect ECB indicator / park lights.
20. Check operation of ECB indicator / park lights.
21. Fit ECB underbelly guard by placing front into opening behind bumper and openings on side over ECB mounting bracket. Swivel under belly guard into place above vehicle tow points. Fit using original equipment bolts for rear into ECB steel mount and four M6 x 20 bolts, flat washers and nyloc nuts for front edge to ECB protection bar. **Finger tighten only. Note:** Front bolts are accessible through air vents. **See figure 15.**
22. Refit original equipment under body guard. **Tighten all bolts.**

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 – ECB mounting bracket	10 – M12 x 1.75 nuts
1 – Pair alloy guard infills – IN KIT	4 – M6 x 20 bolt
1 – ECB Alloy under belly guard	16 – M6 flat washers
2 – 15nb x 44mm tube chassis spacers	4 – M6 nyloc washers
2 – M12 x 1.75 x 75 bolts	1 – ECB LED Indicator / Park light kit
8 – M12 x 1.75 x 40 bolts	1 - Quick Click Indi / Park kit (IC12COLECB100H)
20 – M12 flat washers	1 – 2350mm length 6mm clip lock trim
10 – M12 spring washers	



Figure 1: Trim area on passengers side of vehicle. Drivers side is an identical cut.

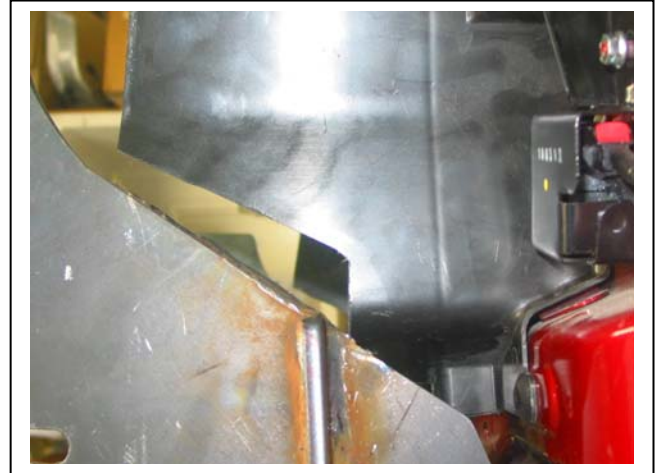


Figure 2: Trimmed area as seen behind mount. **Caution: trim as little as possible.**



Figure 3: Trim lower bumper keeper to front corner of guard



Figure 4: Correct fitment of infill to guard on L/ H side



Figure 5: Driver side inner guard trim line.



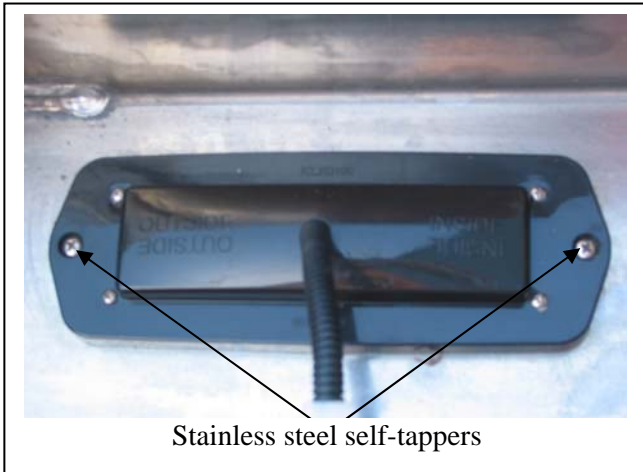
Figure 6: Passengers side inner guard trim line.



Figure 7: Enlarge front hole in outside of chassis rail.

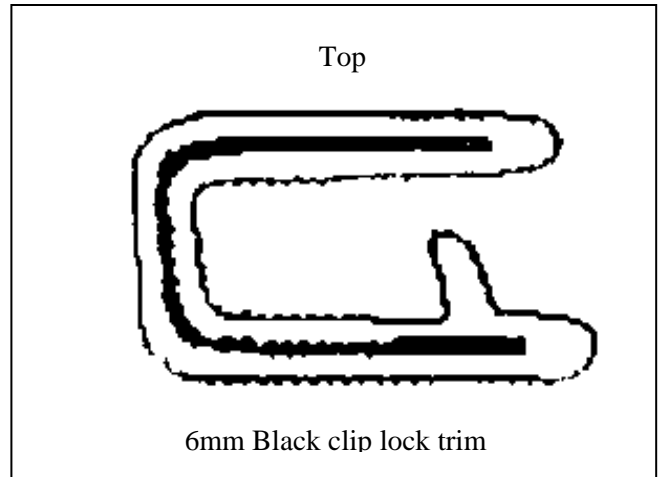


Figure 8: Bumper cut line. Note: cut through grille to allow maximum air flow



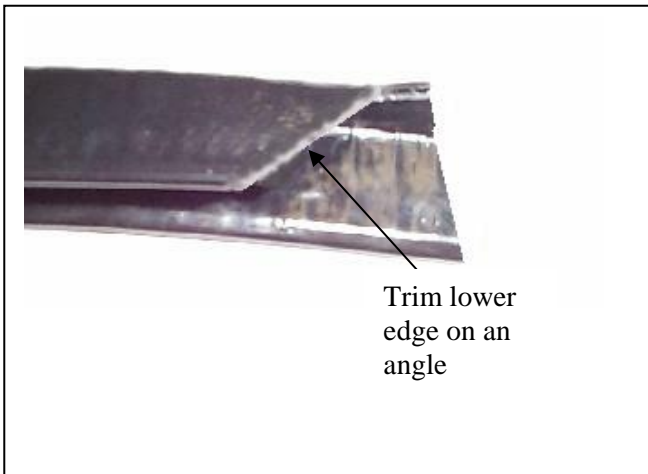
Stainless steel self-tappers

Figure 9



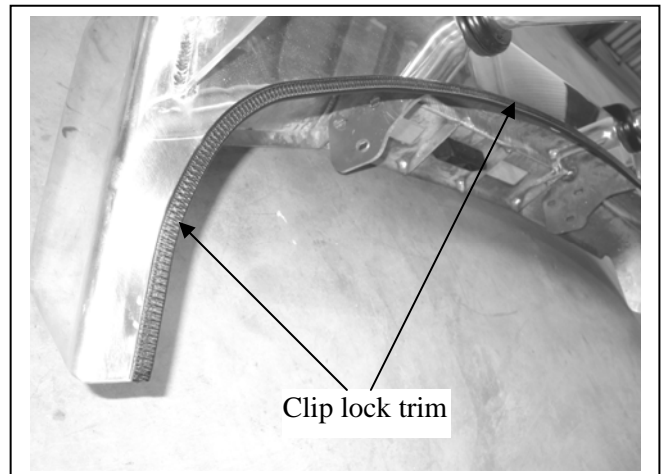
6mm Black clip lock trim

Figure 10



Trim lower edge on an angle

Figure 11



Clip lock trim

Figure 12



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Figure 13



Figure 14



Figure 15



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DESPATCH CHECKLIST EAH68Y

Work Order #		See other side of this page for photos of all mounts
Finish:		
Transport:		
Due Date:		

OC.....1 – Steel mounting brackets.

BK.....2 – Alloy guard infill (P/C black) – **IN KIT**

OC.....1 – Alloy under belly guard (EAH68SY_U3AL)

BK.....1 – Bolt Kit.

BK.....1 – LED ECB indicator / park light kit.

BK.....1 – Quick Click Indi / Park kit (IC12COLECB100H)

BK.....1 – 2350 mm length 6mm clip lock

OC.....2 – ECB Overriders – **Fitted to Bar**

OC.....2 – fog light surrounds – **Fitted to bar**

OC.....8 – 6mm Air Vents – **Fitted to Bar. LOWER VENTS TO
BE FITTED UPSIDE DOWN.**



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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