



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

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EAN163SY

REPLACES: 00.00.00

REVISED: 24.07.15

FITTING INSTRUCTIONS

NISSAN NAVARA NP300 5/15 on ECB ARC WINCH BAR (WITH FOG LIGHTS) WINCH COMPATIBLE FOR WARN XP 9.5 AND MEAN MOTHER VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

Special tools: T20 Torx bits and associated drivers

NOTE: Some models of this vehicle have Daylight Running Lights (DRL) where the fog light is in the lower bumper of upper models. Where DRL lights are installed in the fog light area, an accessory wiring kit will need to be installed to run the Fog lights fitted to the ECB Protection Bar. An ASL wiring kit is available from ECB as a ready to use option for this wiring.

1. Open bonnet.
2. Remove four push pull plastic clips from top of grille. Along sides of grille next to headlight, using a flat blade screwdriver, untwist square top plastic clips whilst applying a small amount of pressure on top edge of grille. From bottom of grille, release lower clips to remove grille.
3. From under centre of vehicle, remove six 10mm head bolts from centre spoiler, unclip and remove centre spoiler.
4. Above centre spoiler remove four 10mm head bolts from bumper into underbelly guard. From outer sections of spoiler, remove two 10mm head bolts (per side) which attach inner guard.
5. In front of wheel arch, remove one T20 Torx head screw. Pull inner guard away from rear of bumper/ guard area. Remove one 10mm head screw from rear of bumper/ guard join. Pull bumper away from guard to release plastic clips on guard, then forward to release plastic clips under headlights. Disconnect wiring from fog lights.
6. From centre between headlights, remove three plastic screw clips. Carefully remove bumper.
7. Remove left and right hand air dams, two push pull plastic clips (per side)
8. Remove intercooler air shoot from top of bumper support but releasing two push pull plastic clips on top of chassis rails (per side).
9. Remove steel under body guard, four 10mm head bolts.
10. Remove bumper reinforcement, four 17mm head bolts.
11. Remove tow hook from left hand chassis rail, two 17mm head bolts.
12. Fit ECB steel mounts(supplied) onto end of chassis rail using two M12 x 35 bolts, spring washers and flat washers (supplied) (per side). On left hand side, install two M12 x 35 bolts, spring washers and flat washers (supplied) in underside of ECB steel mounts into captive nuts. On right hand side, use two M12 x 35 bolts,



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flat washers, spring washers and nuts on wire(supplied) via access in front of rail. Align mounts centrally to vehicle and correct distance apart. **Tighten all bolts. See figure 1.**

13. Install ECB winch frame between ECB steel mounts using eight M12 x 40 bolts, flat washers, spring washers and nuts. Centralise ECB Winch frame to ECB mounts. Tighten all bolts.
14. For Mean Mother “BOSS” winch only: Remove 10mm head bolt from alloy oil tube mount on left hand side of vehicle. Install ECB steel extender bracket onto oil tube mount and refit oil tube to top hole. This allows more room for taller Boss winch planetary engagement handle.
15. Install fairlead to front of winch frame using bolts supplied with winch. Finger tighten only.
16. Install and wire winch as per winch manufacturer instructions. Fit control box to appropriate ECB control box mount for winch type using bolts/ screws supplied with winch. Note: Two control box mounts are supplied with this ECB Protection Bar. **See figure 2 and 3.** Fit Control box mount to front of ECB winch frame using two M8 x 35 bolts, flat washers, spring washers and nuts.
17. Refit right and left hand air dams. Trim around mounts as close as possible. **See figures 4 and 5.**
18. Refit intercooler right and left hand air dams. Trim for under body guard fitment at a later time. **See figures 6 and 7.**
19. Splice ECB wiring harness into wiring harness behind headlight using cable locks (supplied). Ensure harness is clear of sharp edges and moving parts.
20. Connect ECB Quick Click fog light wiring harness (supplied) into original wiring harness.
21. Check bumper template (supplied) in this instruction for correct sizing. **NOTE:** Depending on the settings of the printer used, the template may vary in size. Please feel free to contact ECB for help with the printing of the templates should they measure incorrectly. Carefully cut bumper template from this instruction.
22. Mask cut area of bumper. Using template supplied, mark cut line of bumper cover. Make 65mm down from centre of grille. **See figure 8 and 9.** Join marked sides across front of bumper. Check marking for correct as this is a finish cut.
23. Cut bumper using a jig saw or similar.
24. Refit top section of bumper cover as per reverse of steps 1 to 4.
25. Install 3mm clip lock trim (supplied) to cut sections on outside of bumper cover. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of bumper cover. **See figure 10.**
26. 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 11.**
27. 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 12.**
28. 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 13, 14 and 15.**



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29. Fit ECB Protection Bar to ECB steel mounts using M12 x 40 bolts, flat washers, spring washers and nuts. Finger tighten only.
30. Align ECB Protection Bar to vehicle. **See figures 16 and 17. Tighten all bolts.** Centralise and tighten Winch fairlead bolts. Check all bolts for tightness.
31. Connect and check indicator/ park lights and fog lights for correct operation..
32. Install ECB under body guard to rear of winch frame using four M10 x 30 bolts, spring washers and flat washers (supplied). Align to vehicle and tighten all bolts. **See figure 18.**
33. Trim Wheel arch inner guards to fit behind end of the ECB protection bar. At lower point of protection bar cut inner guard through to lowest possible edge of chassis rail. **See figure 19.**

NOTE: Vents in lower skirt of bulbar need to installed with ECB lettering to bottom. This will allow the airflow to the radiator the most direct routing. Please ensure vents are installed with the ECB logo to the top to the under body guard.

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 – M8 x 1.5 x 35 bolts
1 – ECB Winch Mount	4 – M8 flat washers
1 – ECB under body guard	2 – M8 spring washers
1 – ECB Warn control box mount (EAN163SY_B6MS)	2 – M8 x 1.5 nuts
1 – ECB Mean Mother control box mount (EAN163SY_B4MS)	2 – M6 x 20 bolts
1 – ECB oil cooler extender bracket (EAN163SY_C4MS)	2 – M6 spring washers
8 – M12 x 1.25 x 35 bolts	2 – M6 nuts
16 – M12 x 1.25 x 40 bolts	1 – ECB LED Indicator / Park light kit
40 – M12 flat washers	6 – Cable Locks
24 – M12 spring washers	1 – ECB fog light kit (55 watt)
16 – M12 x 1.25 nuts	1 – Quick Click Kit (IC05D40S1004ECBH)
2 – M12 x 1.25 nut and washers on 400mm wire	2 – Fog light surrounds
4 – M10 x 1.25 x 30 bolts	1 – 2600mm length 6mm clip lock trim
6 – M10 flat washers	1 – 700mm length 6mm clip lock trim
4 – M10 spring washers	2 – 400mm length 3mm clip lock trim
2 – M10 x 1.25 nuts	



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Figure 1: ECB steel mounts



Figure 2: ECB winch mount with Warn 9.5 control box mounted



Figure 3: ECB winch mount with Mean Mother BOSS control box mounted

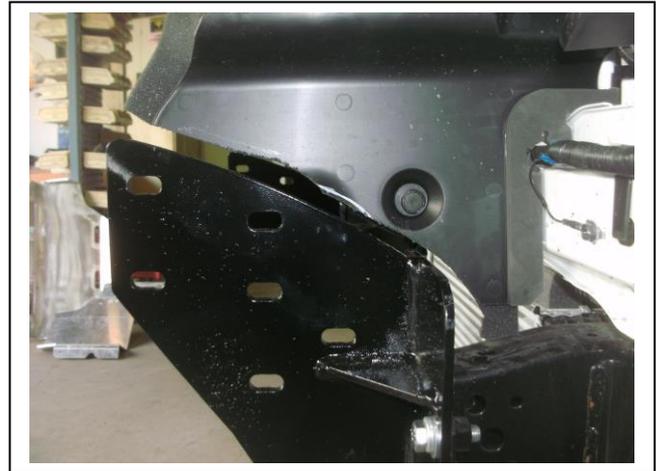


Figure 4: Left hand trim trimmed and installed.
NOTE: the closer the trim the better.



Figure 5: Right hand air dam trim



Figure 6: Intercooler air dam trim for under body guard fitment. Right hand side.



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Figure 7: Intercooler air dam trim for under body guard fitment. Left hand side.



Figure 8: Trim Template in place.

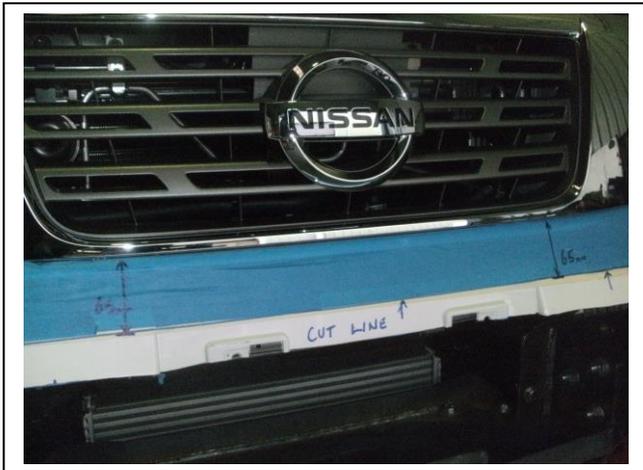
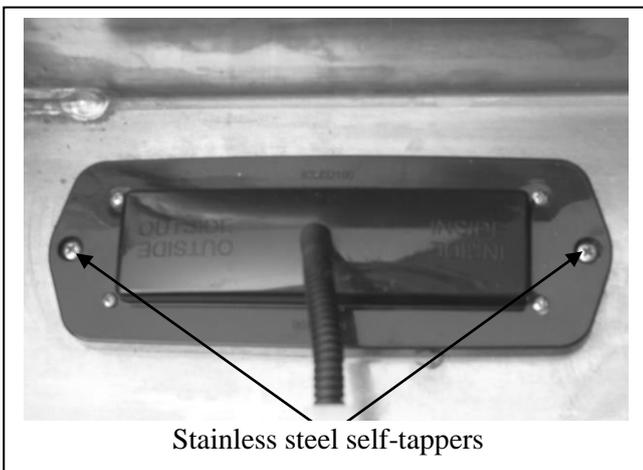


Figure 9: Mark 65mm down from grille as shown

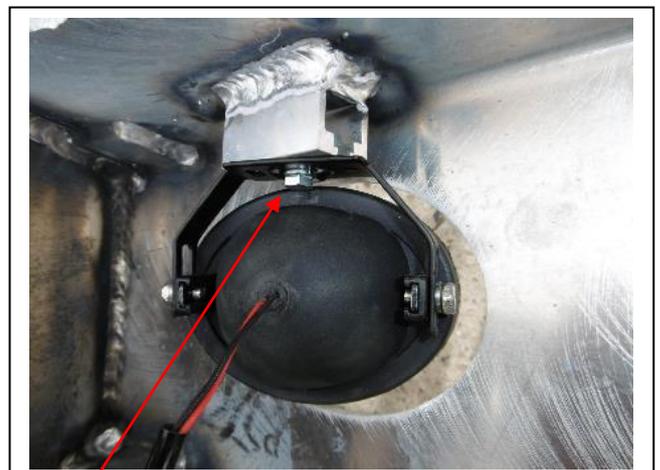


Figure 10: 3mm clip lock trim installed



Stainless steel self-tappers

Figure 11



M6 bolt

Figure 12



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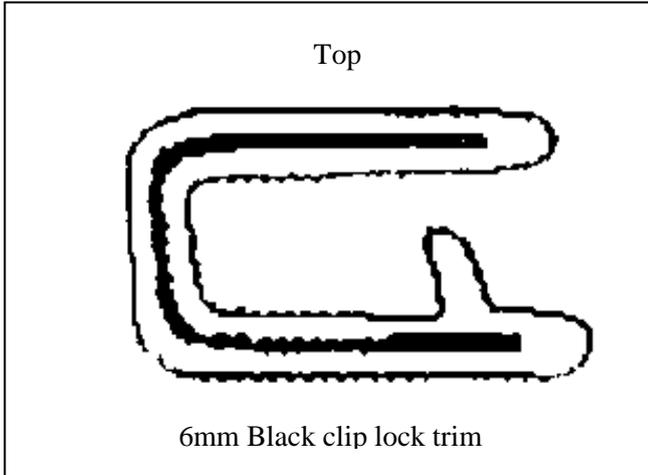


Figure 13

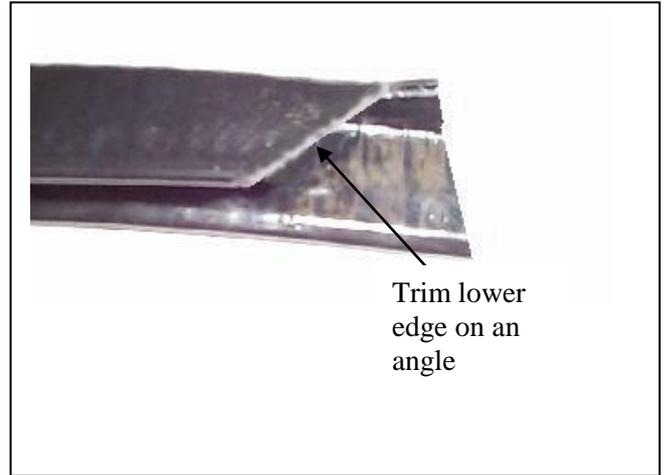


Figure 14

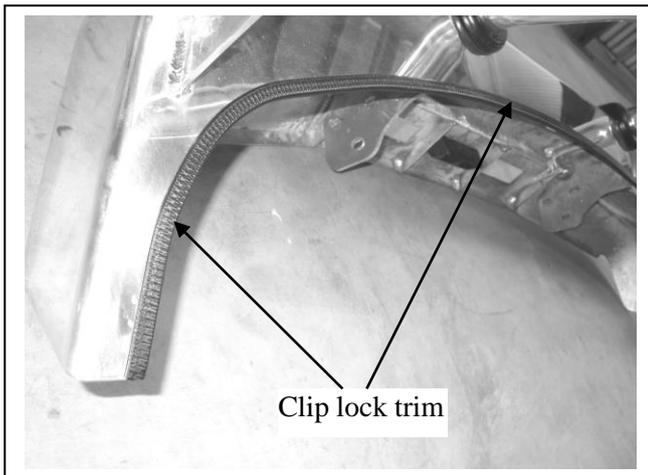


Figure 15

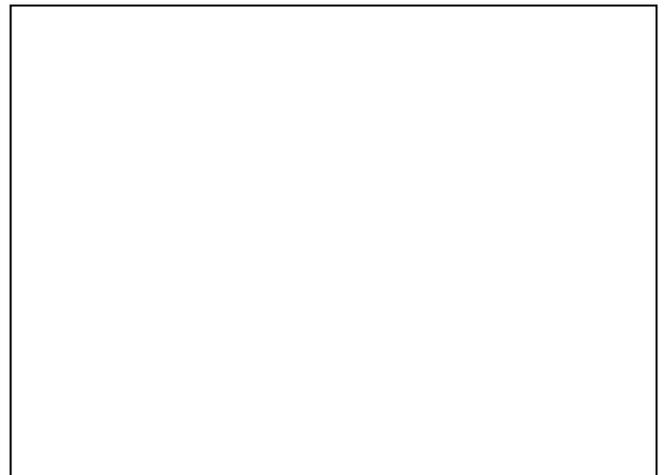


Figure 16



Figure 17

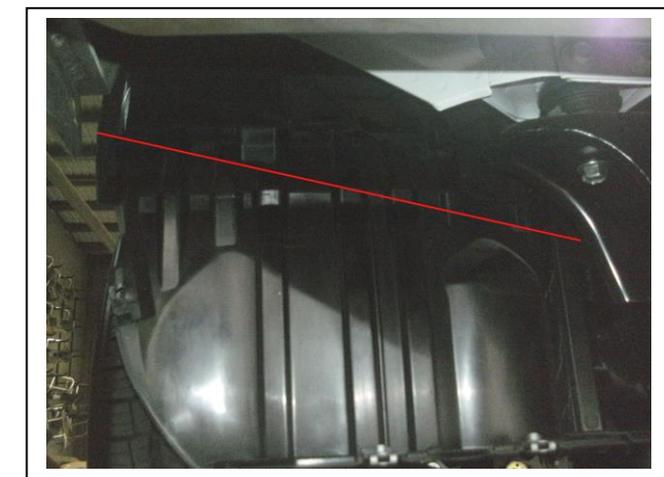
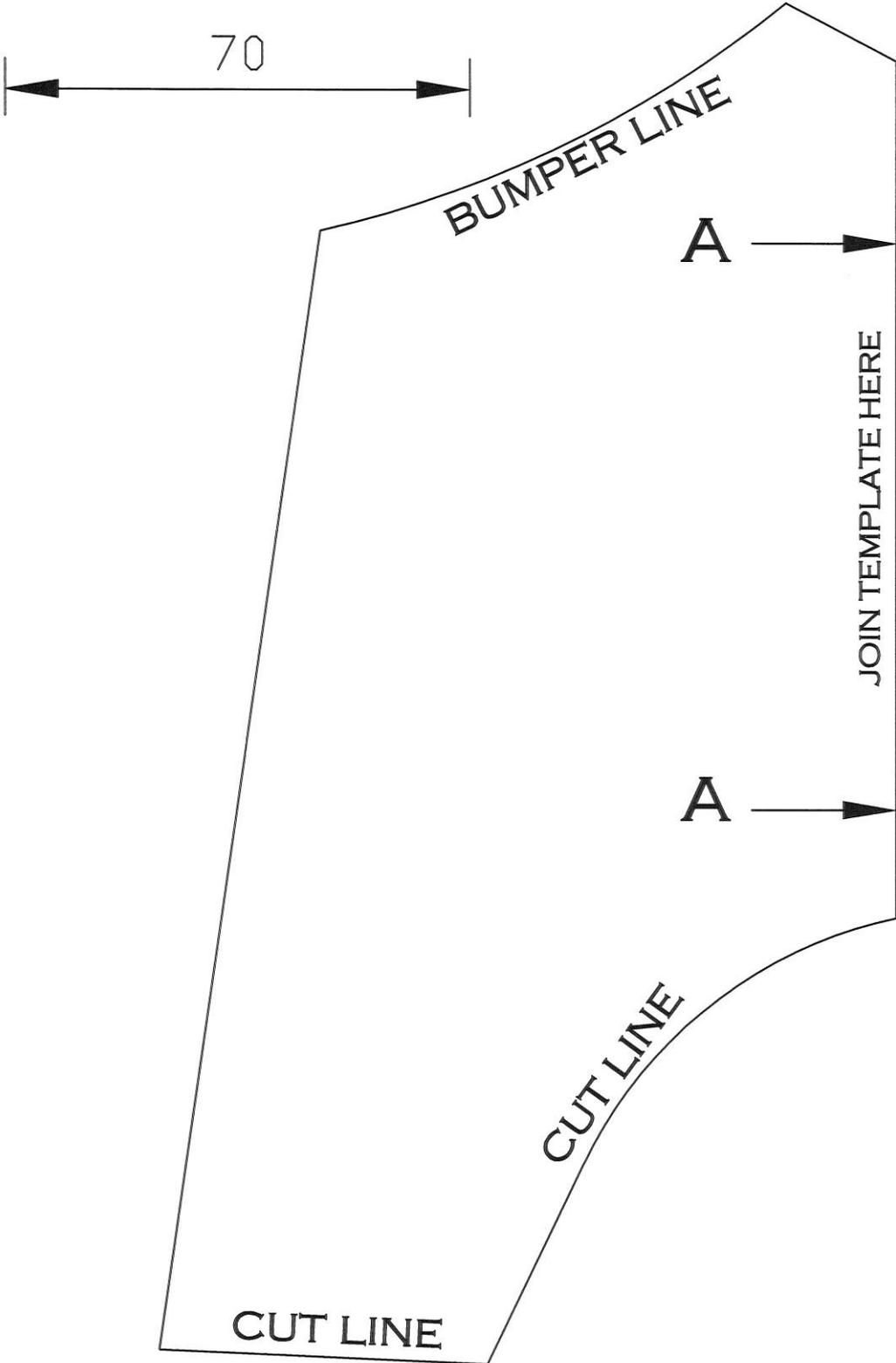
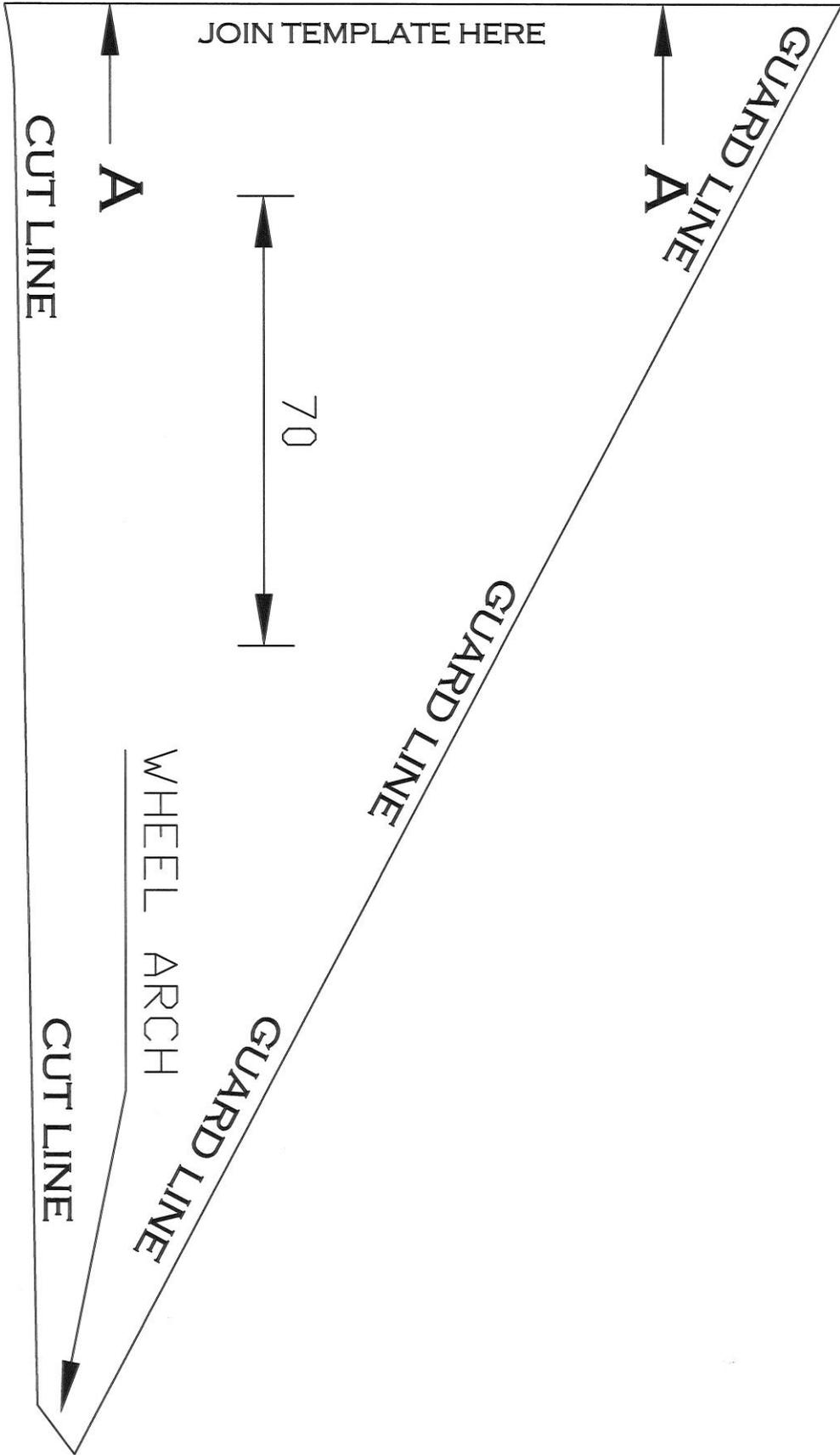


Figure 18: Approximate cut inner guard







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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
(07) 3283 1168



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DESPATCH CHECKLIST EAN163SY

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

- OC.....1 – Pair Steel mounting brackets.
- OC.....1 – ECB Steel winch mount
- BK.....1 – Oil extender bracket (EAN163SY_C4MS)
- OC.....1 – Warn Control box mount (EAN163SY_B6MS)
- OC.....1 – Mean Mother Control box mount (EAN163SY_B4MS)
- OC.....1 – Under body guard
- BK.....1 – Bolt Kit.
- BK.....1 – LED ECB indicator / park light kit.
- BK.....1 – ECB fog light kit (55 watt)
- BK.....1 – Quick click kit (IC05D40S1004ECBH)
- OC.....2 – Fog light surrounds – **Fitted to bar**
- BK.....1 – 2600mm length 6mm clip lock
- BK.....2 – 400mm lengths 3mm clip lock
- OC.....2 – Fog light surrounds – **Fitted to bar**
- OC.....2 – ECB Overrides – **Fitted to Bar**
- OC.....7 – 6mm Air Vents – **Fitted to Bar**

_____/_____
Wrapper's initials / Checker initials



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 __/__/__



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Mean mother control
box mount

Oil extender bracket

Warn control box
bracket



Wrapper's initials / Checker initials



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