



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

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EAN162SY

REPLACES: 00.00.00

REVISED: 16.01.18

FITTING INSTRUCTIONS

NISSAN NAVARA NP300 5/15 on ECB ARC BAR (WITH FOG LIGHTS) VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

Special tools: T20 Torx bits and associated drivers

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.
6. Disconnect wiring from fog lights.
7. From centre between headlights, remove three plastic screw clips. Carefully remove bumper.
8. Remove left and right hand air dams, two push pull plastic clips (per side)
9. Remove intercooler air shoot from top of bumper support but releasing two push pull plastic clips on top of chassis rails (per side).
10. Remove steel under body guard, four 10mm head bolts.
11. Remove bumper reinforcement, four 17mm head bolts.
12. Remove tow hook from left hand chassis rail, two 17mm head bolts.
13. Fit ECB steel mounting brackets (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, 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.**
14. Refit right and left hand air dams. Trim around mounts as close as possible. **See figures 2 and 3.**



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15. Refit intercooler right and left hand air dams. Trim for under body guard fitment at a later time. **See figures 4 and 5.**
16. Splice ECB wiring harness into wiring harness behind headlight using cable locks (supplied). Ensure harness is clear of sharp edges and moving parts.
17. Connect ECB Quick Click fog light wiring harness (supplied) into original wiring harness.
18. 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.
19. Mask cut area of bumper. Using template supplied, mark cut line of bumper cover. Make 65mm down from centre of grille. **See figures 6 and 7.** Join marked sides across front of bumper. Check marking for correct as this is a finish cut.
20. Cut bumper using a jig saw or similar.
21. Refit top section of bumper cover as per reverse of steps 1 to 4.
22. 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 8.**
23. 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.**
24. 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 10.**
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 11, 12 and 13.**
26. Fit ECB Protection Bar to ECB steel mounts using M12 x 40 bolts, flat washers, spring washers and nuts. Finger tighten only.
27. Align ECB Protection Bar to vehicle. **See figures 14 and 15. Tighten all bolts.**
28. Connect and check indicator/ park lights and fog lights for correct operation.
29. Install ECB under body guard to top of skirt fold. Fit two M10 x 30 bolts, spring washers and flat washers (supplied) to rear holes and two M6 x 25 bolts, flat washers and nyloc nuts (supplied) for front holes. Align to vehicle and tighten all bolts. **See figure 16.**
30. 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 17.**

NOTE: Vents in lower skirt of bulbar need to be 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.



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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:

- Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- Do not remove the plaque or label from the VFPS.
- Do not modify the structure of the VFPS in any way.
- No accessory or fitment should project forward of the VFPS forward profile.
- 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 mounting brackets	2 – M6 x 25 bolts
1 – ECB under body guard	4 – M6 flat washers
8 – M12 x 1.25 x 35 bolts	2 – M6 spring washers
6 – M12 x 1.25 x 40 bolts	2 – M6 nyloc nuts
20 – M12 flat washers	2 – M6 nuts
14 – M12 spring washers	1 – ECB LED Indicator / Park light kit
6 – M12 x 1.25 nuts	6 – Cable Locks
2 – M12 x 1.25 nut and washers on 400mm wire	1 – ECB fog light kit (55 watt)
2 – M10 x 1.25 x 30 bolts	1 – Quick Click Kit (IC10D40S1004ECBH)
2 – M10 flat washers	2 – Fog light surrounds
2 – M10 spring washers	1 – 2600mm length 6mm clip lock trim
2 – M6 x 20 bolts	2 – 400mm length 3mm clip lock trim



Figure 1: ECB steel mounting brackets

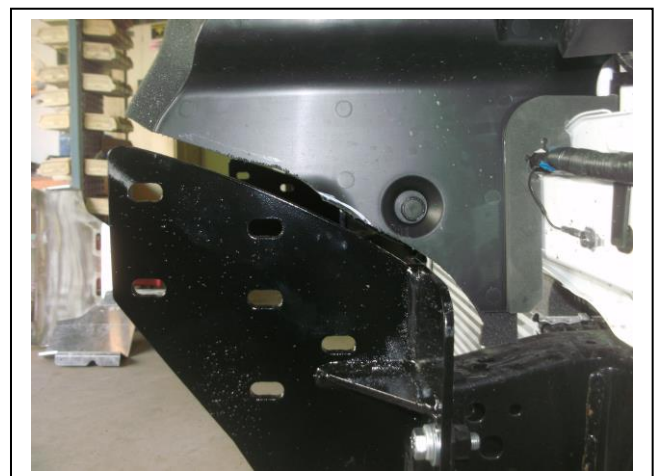


Figure 2: Left hand trim trimmed and installed.
NOTE: the closer the trim the better.



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Figure 3: Right hand air dam trim



Figure 4: Intercooler air dam trim for under body guard fitment. Right hand side.



Figure 5: Intercooler air dam trim for under body guard fitment. Left hand side.



Figure 6: Trim Template in place.



Figure 7: Mark 65mm down from grille as shown



Figure 8: 3mm clip lock trim installed



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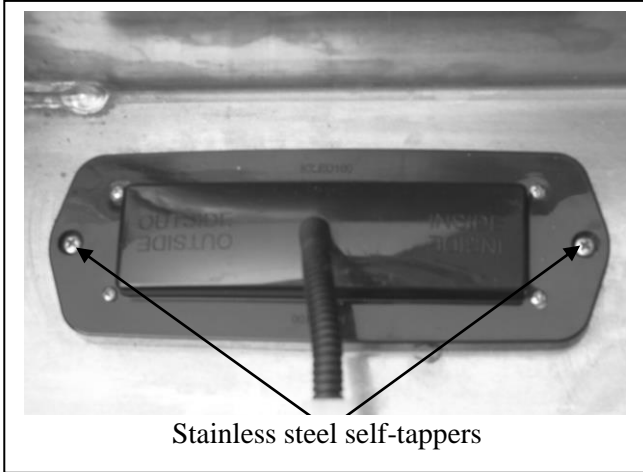
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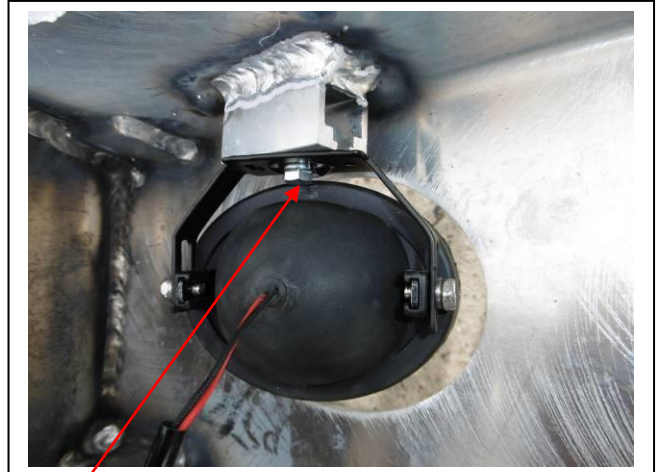
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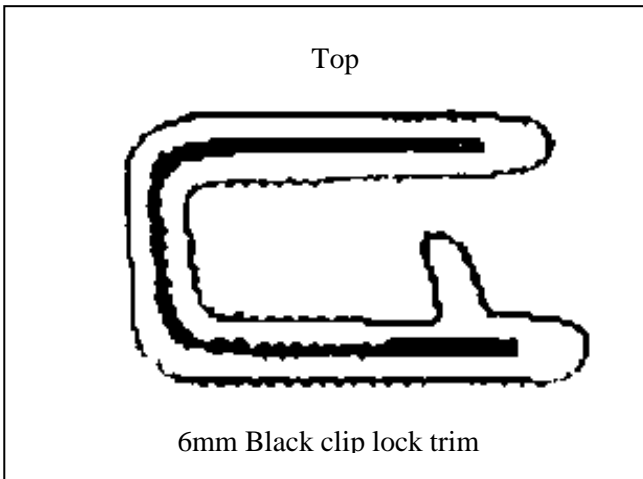
Stainless steel self-tappers

Figure 9



M6 bolt

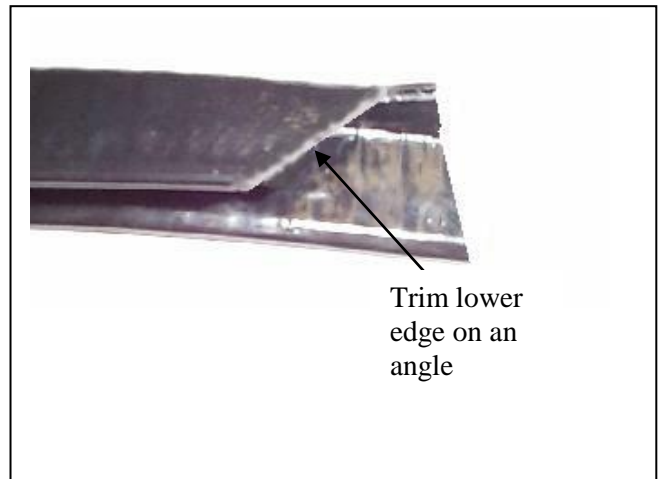
Figure 10



Top

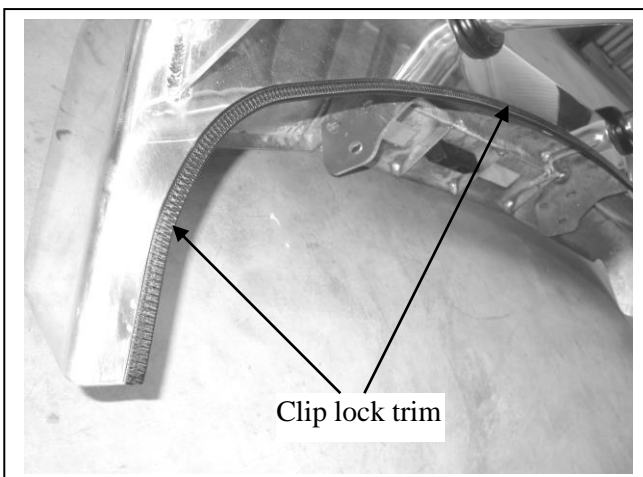
6mm Black clip lock trim

Figure 11



Trim lower
edge on an
angle

Figure 12



Clip lock trim

Figure 13



Figure 14



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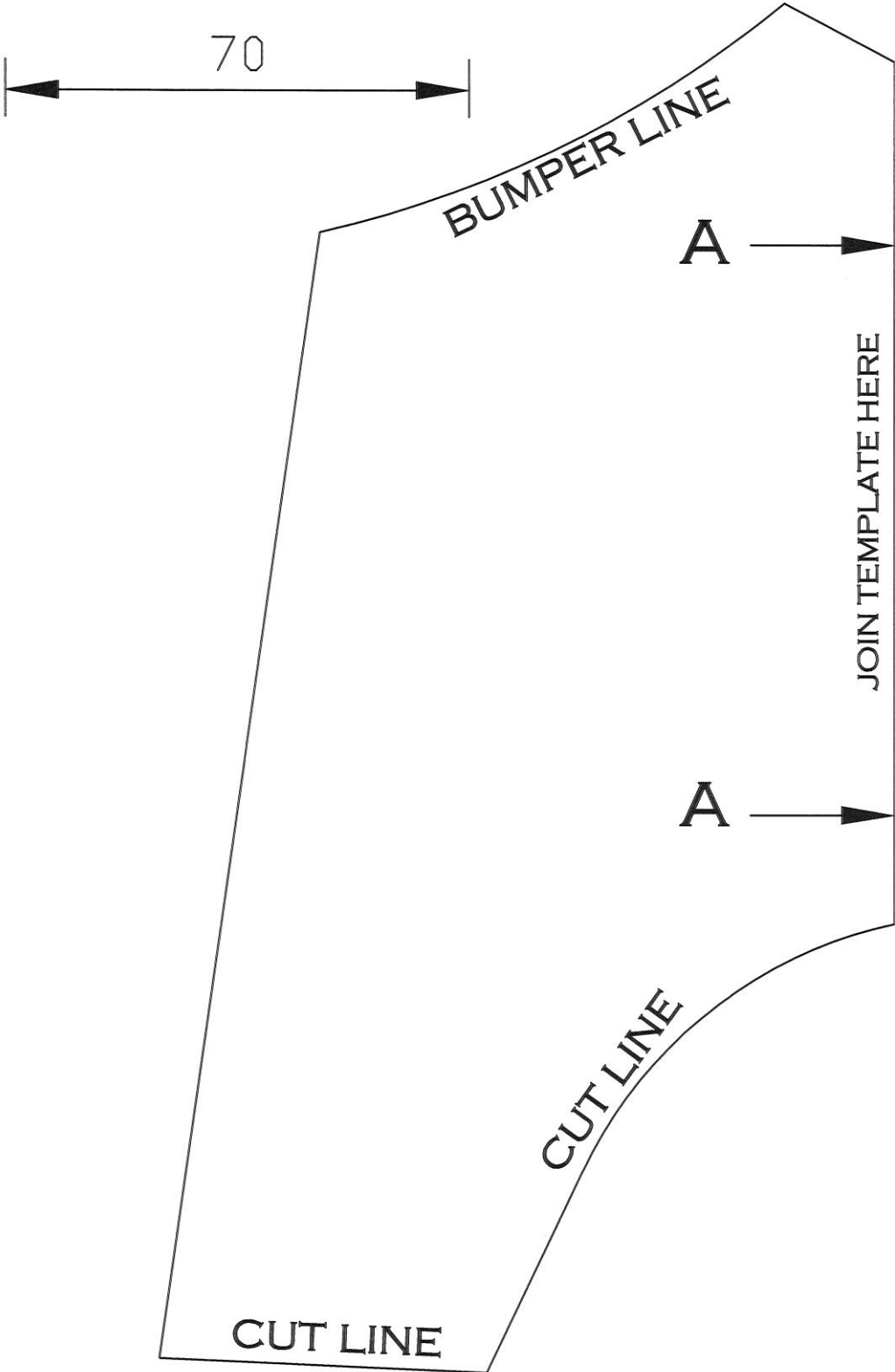
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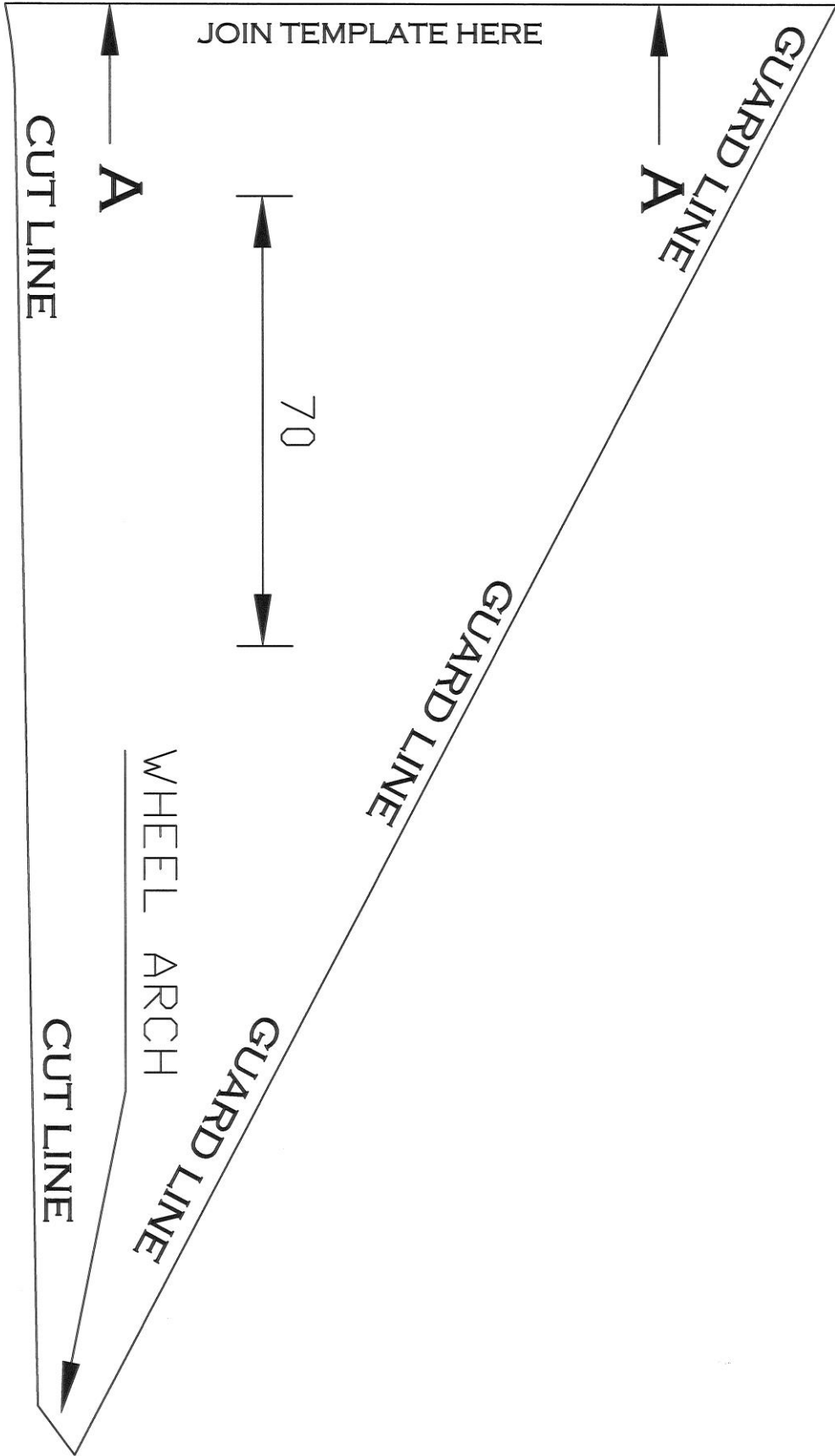


Figure 15



Figure 16 Approximate cut inner guard







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DESPATCH CHECKLIST EAN162SY

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 – Under body guard – **with 3 6mm Air Vents fitted**
- 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 (IC10D40S1004ECBH)
- BK.....1 – 2600mm length 6mm clip lock
- BK.....2 – 400mm lengths 3mm clip lock
- OC.....2 – ECB Overrides – **Fitted to Bar**
- OC.....3 – 6mm Air Vents – **Fitted to Bar in channel**
- OC.....4 – 6mm Air Vents – **Fitted to Skirt – ECB at Bottom**



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

_____/_____
Wrapper's initials / Checker initials

All parts checked and completed by:

Nut and bolts: _____ Date __/__/__

Order control: _____ Date __/__/__

Final wrap check: _____ Date __/__/__



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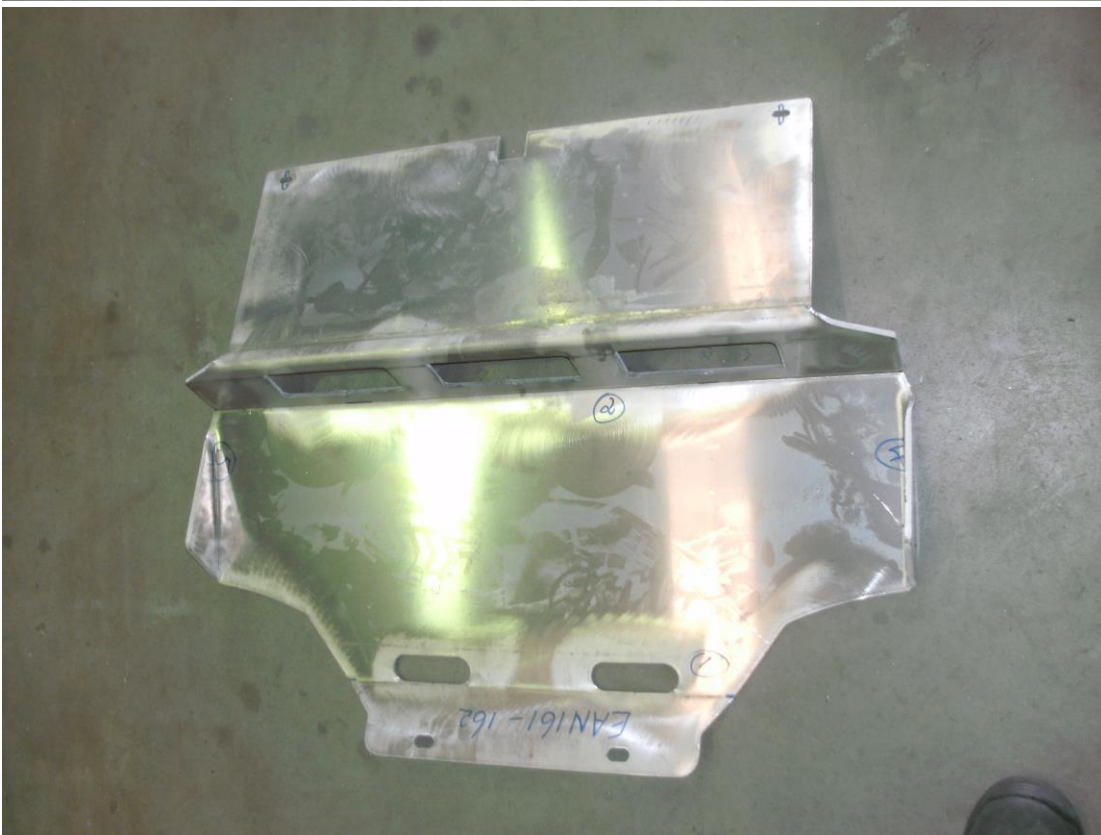
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_____/_____
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