



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

EAN110SY

REPLACES: EAN105SY
REVISED: 16.01.18

FITTING INSTRUCTIONS

NISSAN NAVARA D40 ST-X 550 2/11on ARC™ PROTECTION BAR WITH FOGS VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Carefully cut around templates (supplied) for bumper trim using scissors. **See figure 1** for placement. **CAUTION:** Measure template to ensure correct size, some printers may vary.
2. To avoid damage to vehicle when cutting, use masking tape to cover area where template is placed on vehicle. Place template onto vehicle and mark cut line. From lower front of template, continue line around front of vehicle to top corner of centre vent. Line should run 15mm above fog light opening. **Caution:** Ensure markings on template match area on bumper.
3. Remove lower plastic trim from bumper cover. Six 10mm head bolts.
4. Remove inner guard from edge of plastic bumper skin. Two PK screws (two 10mm head bolts on extra cab) from under side of bumper and one pk screw on front edge of wheel arch. **Caution:** Ensure rear of bumper at cut line is free from electrics harnesses and headlight water tubes before cutting. Remove Headlight washers from bumper (if fitted) before cutting.
5. Using a jigsaw or similar, cut area previously marked using template.
6. Remove lower half of plastic bumper cover. Four 10mm head bolts on underside of bumper.
7. Disassemble engine shield, remove two 10mm head bolts on front of Engine shield; loosen rear 10mm head bolts and slide forward to remove.
8. Remove bumper support, two 17mm head bolts (per side).
9. Remove tow hook from passenger's side of vehicle, two 17mm head bolts.
10. Install ECB steel mounting brackets onto vehicle. Four M12 x 40mm bolts, spring washers and flat washers (supplied) (per side). Two bolts under vehicle and two on front of chassis rails. **Finger tighten only. See figures 2 and 3.**
11. Align mounts to centre of vehicle.
12. **Tighten all bolts.**
13. Feed vehicle end of ECB Quick Click wiring harness (supplied) under headlight. Disconnect headlight and connect Quick Click wiring harness between headlight and vehicle wiring harness.
14. Connect ECB Quick Click fog light wiring harness (supplied) into original wiring harness.



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15. 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 4.**
16. 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 5.**
17. 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 6, 7 and 8.**
18. Attach 3mm clip lock (supplied) to underside of bumper trim on sides of vehicle. **NOTE:** Trim edge on an angle so trim will sit flush with both ends of plastic bumper cut area. **See figure 9.**
19. Fit ECB protection bar to outside of steel mounting brackets. Use ½ x 1 ½ bolts, flat washers, spring washers and nuts (supplied). **Finger tighten only.**
20. Align ECB protection bar with vehicle allowing minimum 12mm between bar wings and bumper cut for body twist. **Tighten all bolts. See figures 10 and 11.**
21. Fit ECB under body guard to top of skirt leg using four M6 x 20 bolts, flat washers and nyloc nuts, and two ½ x 1 ¼ bolts, flat washers, spring washers and nuts (supplied). Refit engine cover to bottom of under body guard using M6 x 20 bolts, flat washers and nyloc nuts (supplied). **Caution:** Place head of bolt to top so bolt will not collide with the underside of vehicles intercooler. **Tighten all bolts. See figure 12.**
22. Trim inner guards to suit shape and height of bumper. **See figure 13.**
23. Connect indicator /park lights and fog lights. Check for correct operation.

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



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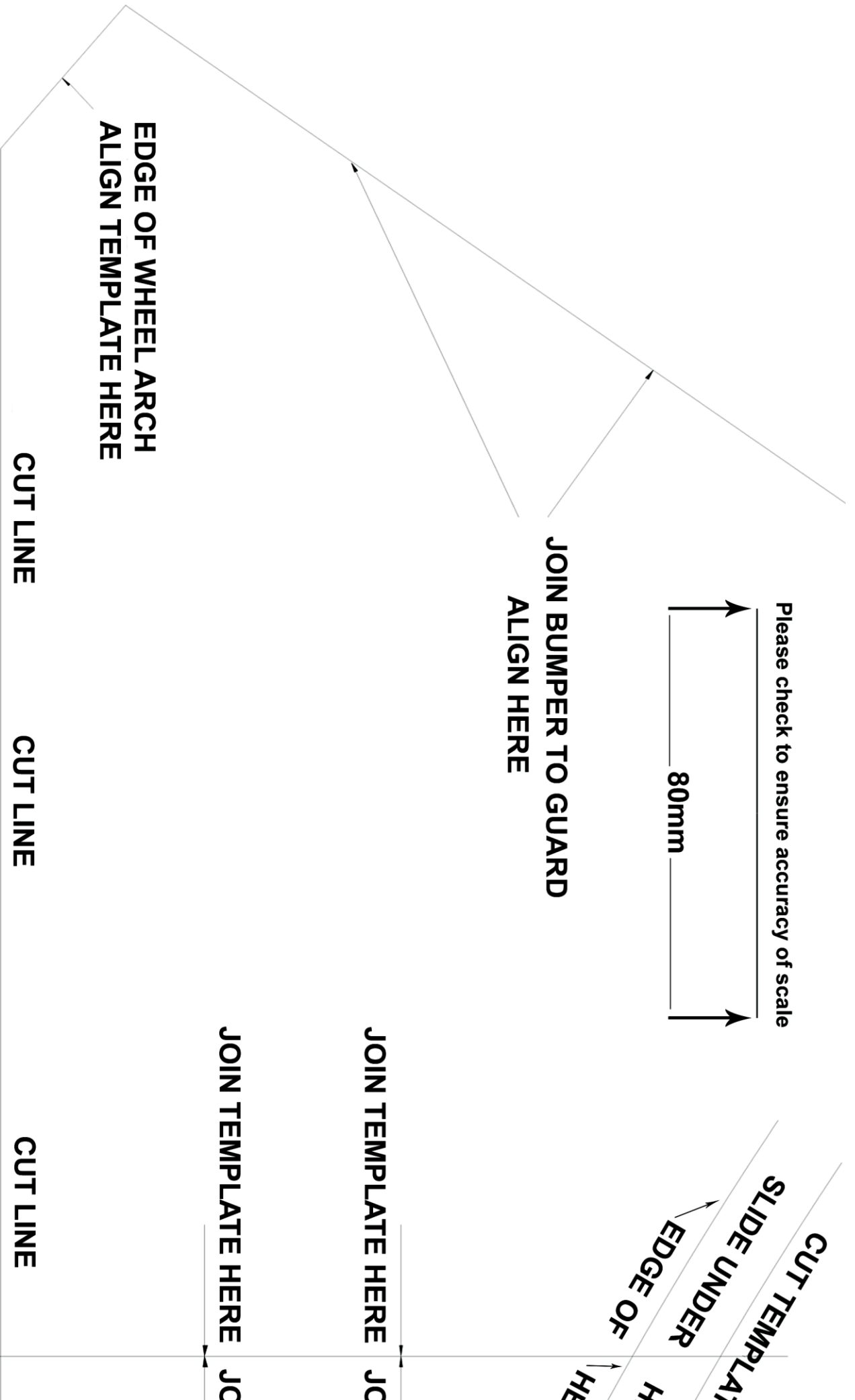
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FITTING KIT

1 – Pair ECB Steel mounting brackets	14 – M6 Flat washers
1 – alloy under body guard	2 – M6 spring washers
6 – ½ x 1 ½ bolts	2 – M6 nuts
2 – ½ X 1 ¼ bolts	6 – M6 nyloc nuts
16 – ½ flat washers	1 – ECB LED Indicator / Park light kit
8 – ½ spring washers	1 – Quick Click Indi / Park kit (IC05NAVECB100H)
8 – ½ nuts	1 – Pair fog lights
8 – M12 x 1.25 x 40 bolts	1 – Quick Click fog wiring kit (IC10D40S1004ECBH)
8 – M12 flat washers	2 – Fog light trims
8 – M12 spring washers	1 – 2500mm length 6mm clip lock trim
8 – M6 x 20 bolts	2 – 500mm length 3mm clip lock trim



Please check to ensure accuracy of scale

80mm

JOIN BUMPER TO GUARD
ALIGN HERE

EDGE OF WHEEL ARCH
ALIGN TEMPLATE HERE

CUT LINE

CUT LINE

CUT LINE

CUT TEMPLATE
EDGE UNDER
EDGE OF

JOIN TEMPLATE HERE JC
JOIN TEMPLATE HERE JC

CAUTION: *Measure template to ensure correct size, some printers may vary.*

TEMPLATE HERE

R HEADLIGHT

L HEADLIGHT

E JOIN TEMPLATE HERE

E JOIN TEMPLATE HERE

CUT LINE

CUT LINE

Please check to ensure accuracy of scale



CUT LINE

CUT LINE

CUT LINE

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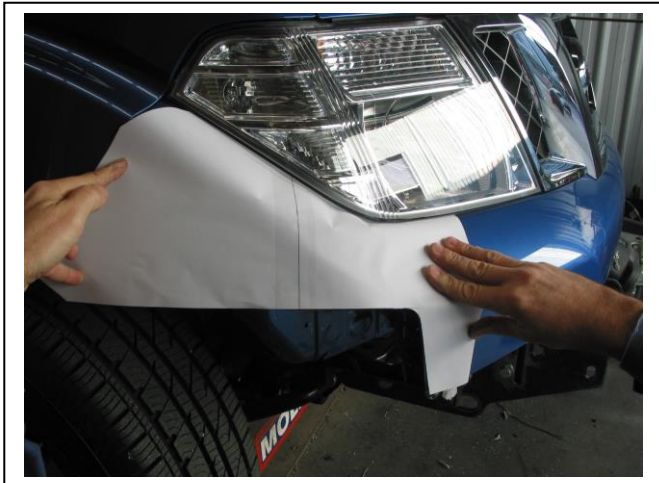


Figure 1: Align rear of template to plastic bumper / guard join. Mark and cut to shape.

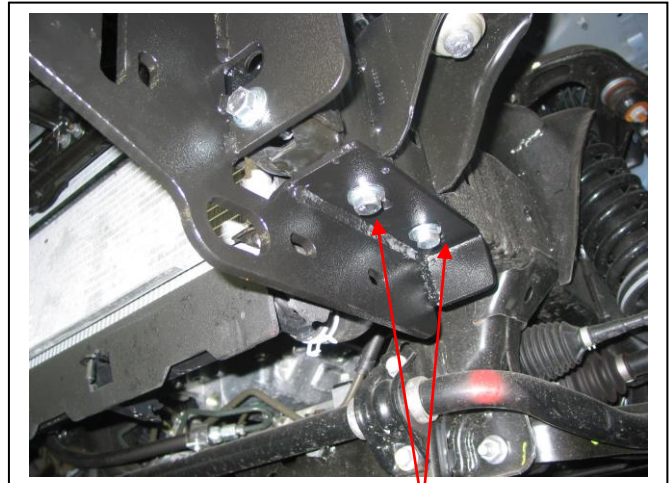


Figure 2 : Bolts under vehicle

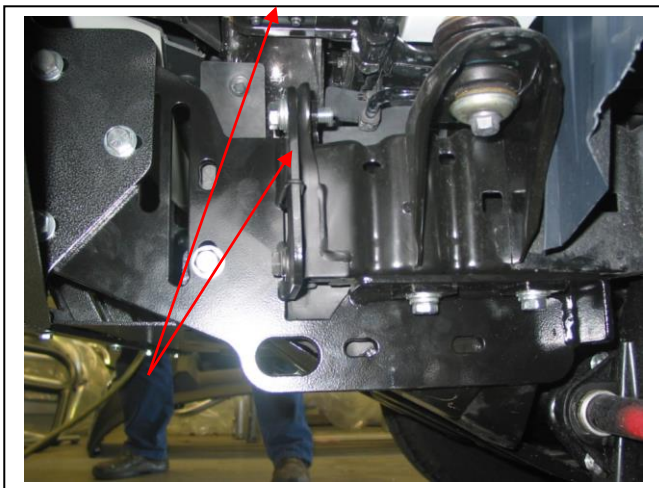
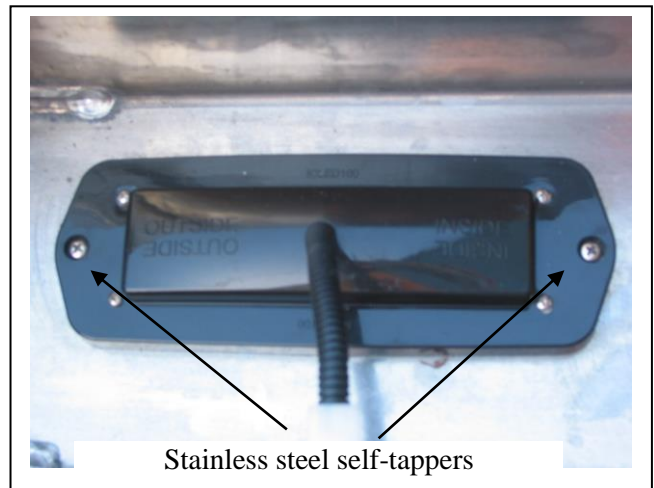
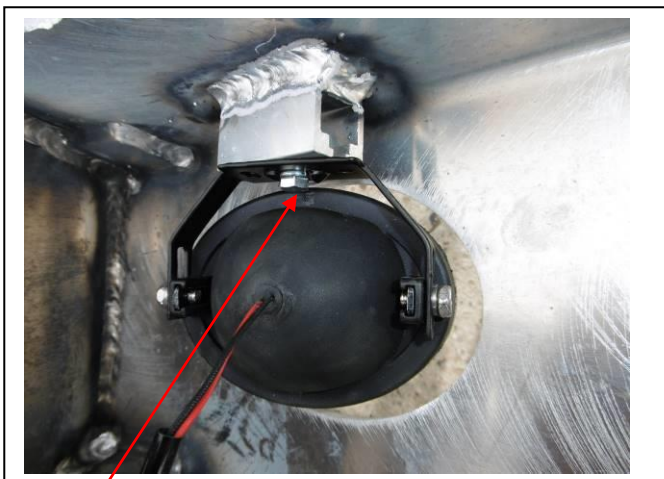


Figure 3 : Bolts in front of chassis rail.



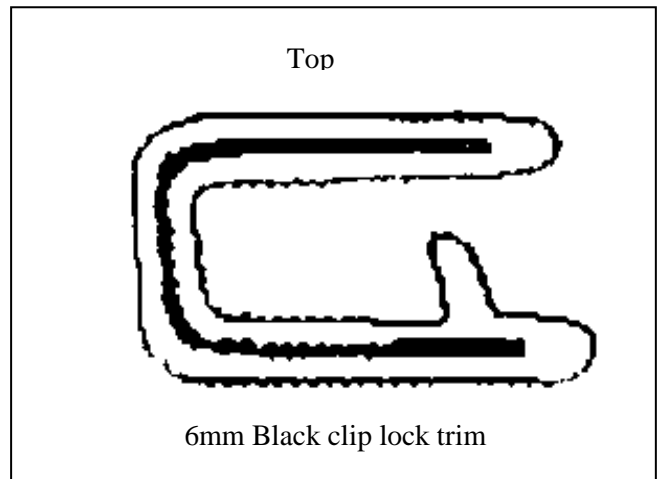
Stainless steel self-tappers

Figure 4:



M6 bolt

Figure 5



6mm Black clip lock trim

Figure 6



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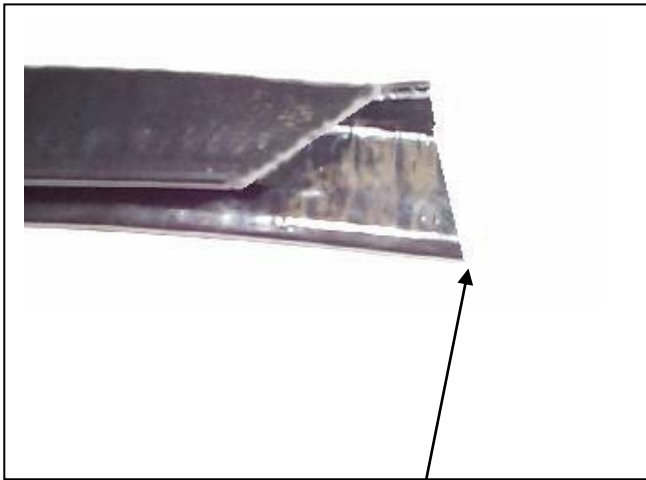


Figure 7

Trim lower
edge on an
angle



Figure 8



Figure 9: 3mm clip lock trim on outer cut edge of plastic bumper.



Figure 10: Front view



Figure 11: Side view



Figure 12



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Figure 13: Trimmed under body guard, Passengers side 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 EAN110SY

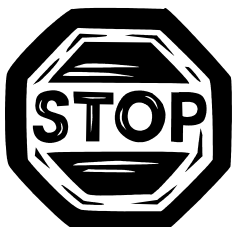
ICZBKCN110



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
- 2 – Fog light trims (included in bolt kit)
- 1 – Bolt Kit
- 1 – ECB LED Indicator / Park light kit.
- 1 – Quick Click Indi / Park kit (IC05NAVECB100H)
- 1 – Pair ECB fog lights
- 1 – Quick Click fog wiring kit (IC10D40S1004ECBH)
- 1 – 2500mm length 6mm clip lock trim
- 2 – 500mm lengths 3mm clip lock trim
- 2 – ECB Overrides – **Fitted to Bar**
- 11 – 6mm Air Scoops – **Fitted to Bar**

**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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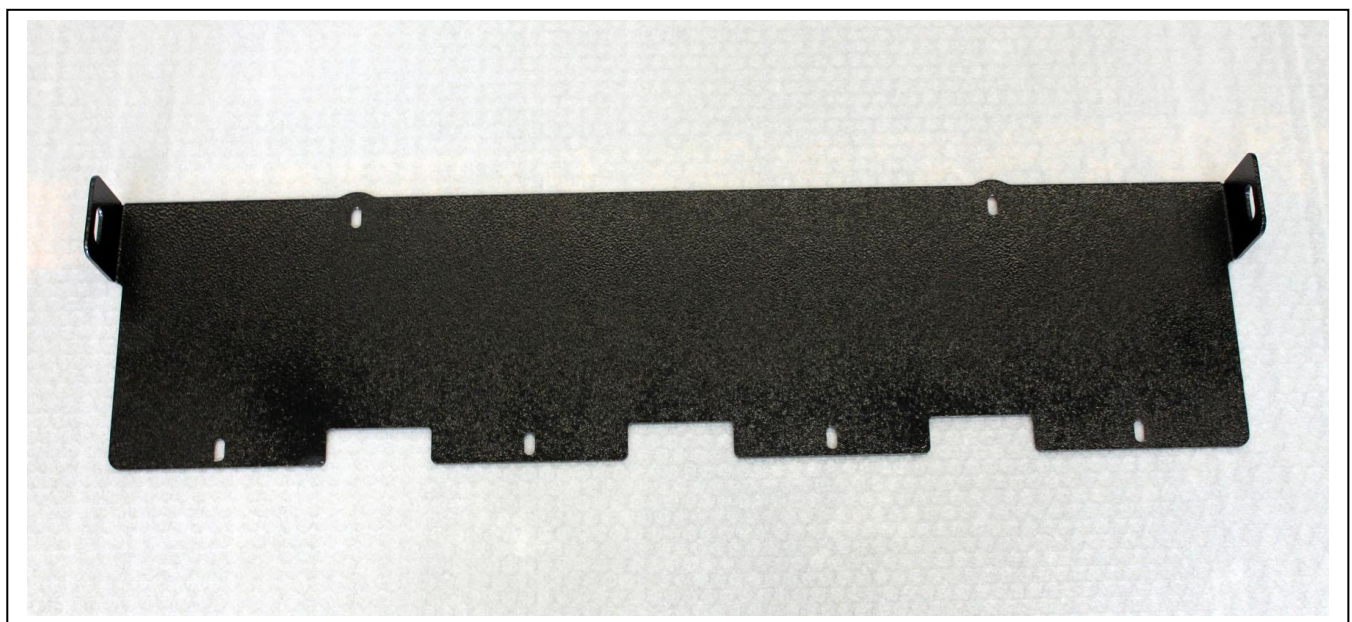
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