



WORLD'S BEST  
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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**BN110SY**

REPLACES: 19.12.11

REVISED: 26.11.12

## FITTING INSTRUCTIONS

### NISSAN X-TRAIL 08/10 on BIG TUBE™ BAR with FOG LIGHTS VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

Special tools / Requirements:

- T20 Torx bit and suitable bit holder
- If vehicle not fitted with original bumper lights, an auxiliary wiring harness (not supplied, can be purchased from ECB ASLWIRING) will be required to wire the lights supplied to the vehicles low beam light circuit.

1. Lift bonnet.
2. Remove four plastic push pull clips from bumper cover to radiator support and two plastic push pull clips closest to headlamps (1 per side). Remove one plastic push pull clip from lower centre of bumper behind grille (Access from behind grille).
3. Remove eight plastic push pull clips from underside of plastic cross member guard. Allow to hang on rear clips.
4. Remove three plastic push pull clips from lower bumper cover under cross member guard.
5. Using a T20 Torx bit, remove four Torx screws (per side) from underside of inner guard and front wheel arch. Pull lower section of inner guard down from rear of bumper and release side trim from bumper taking care not to pull from guard clips. **See figure 1.** (Should this happen, release clips from guard and fit back into trim before refitting to guard.) Slide inner guard out from behind rear of bumper.
6. Remove one 10mm head screw (per side) from underside rear wing of bumper where meets guard.
7. Pull sides of bar out carefully to unclip from retaining clips on guard just behind headlamps. Remove bumper.
8. Remove bumper support, four 13mm head bolts and one 10mm head bolt (each side), two 13mm head bolts to centre support. **See figure 2.**
9. Position ECB steel mounting bracket (supplied) to chassis to correspond with intrusion bar mounting bolt holes. Attach with original 10mm head nuts for alignment purposes, then M8 x 1.25 x 40 bolts, 6mm alloy washers, flat and spring washers (supplied). **See figure 3.** Attach centre support to ECB steel mounting bracket using original M8 bolts. Centre and **TIGHTEN ALL BOLTS.**
10. 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.
11. Connect ECB Quick Click fog light wiring harness (supplied) into original wiring harness. For vehicles without original bumper lights, wire in auxiliary harness and switch to vehicles low beam circuit.
12. Remove fog lights (if fitted) or fog light blanks from rear of original equipment bumper. Trim lower grille to allow access for ECB steel mounting bracket. **See figure 4.**



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13. Refit bumper to vehicle as per reverse of steps 2 to 7. Route ECB wiring harness through original fog light openings to outside of bumper.
14. 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 5.**
15. 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 6.** Attach ECB plastic fog light trims to protection bar with deflector toward centre.
16. Attach 6mm clip lock trim (supplied) to rear of protection bar.
17. Position protection bar onto brackets and attach with 3/8 x 1 ¼ bolts, nuts, flat and spring washers in top mounts and 3/8 x 1 ½ bolts, flat washers, spring washers and nuts in lower mounts (supplied). **NOTE: Insert bolts from top to bottom into protection bar top mounting brackets to enable easy access for tightening with impact wrench through the vents in the skirt. Leave bolts loose to allow for alignment.**
18. Align protection bar with vehicle. Align bar height and front to rear on vehicle. Tighten bolts on lower mounts. Mounts will allow a small amount of sideways movement. Push to the side and tighten upper mounts. These can be accessed with an extension through the vents in the skirt. **TIGHTEN ALL BOLTS. See figures 7 and 8.**
19. Connect indicator / park lights to wiring and check for correct operation.
20. Connect ECB fog lights and **CHECK OPERATION.**
21. Aim ECB fog lights with low beam. **TIGHTEN IN POSITION.**

### **ENSURE NUMBER PLATE IS CLEARLY VISABLE**

### **ENSURE THESE INSTRUCTIONS ARE LEFT WITH VEHICLE OWNER AND/OR OPERATOR**

**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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### FITTING KIT

1 – Steel mounting bracket.	2 – M6 x 20 bolts
8 – 30 x 6 alloy plate, 8mm hole	2 – M6 spring washers.
8 – M8 x 1.25 x 40 bolts.	2 – M6 nuts
8 – M8 flat washers	1 – ECB LED Indicator / Park light kit
8 – M8 spring washers.	1 – Quick Click Indi / Park kit (IC10X-TECB100H)
4 – 3/8 x 1 ¼ bolts	1 – ECB fog light kit
4 – 3/8 x 1 ½ bolts	1 – Quick Click fog wiring kit (IC10D40S1004ECBH)
16 – 3/8 flat washers	2 – fog light trims
8 – 3/8 spring washers	1 – 2300mm length 6mm clip lock trim.
8 – 3/8 nuts	



Figure 1: View of Flare, removed from guard

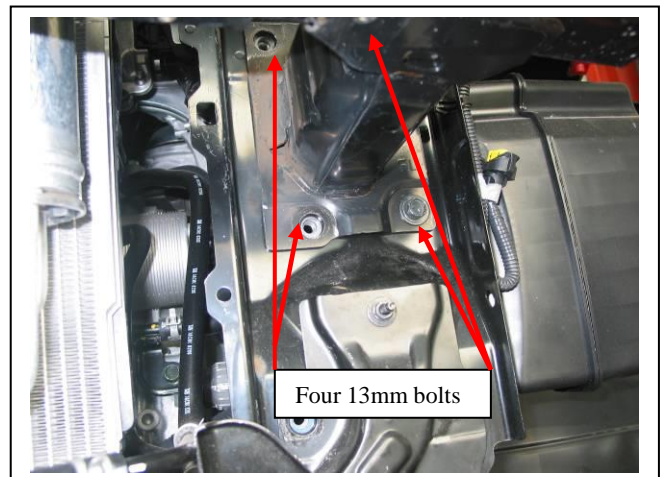


Figure 2: Remove four 13mm head bolts and one 10mm head bolt, Passenger side shown



Figure 3: ECB mount bracket installed



Figure 4: Trim grille to measurement of mounts.



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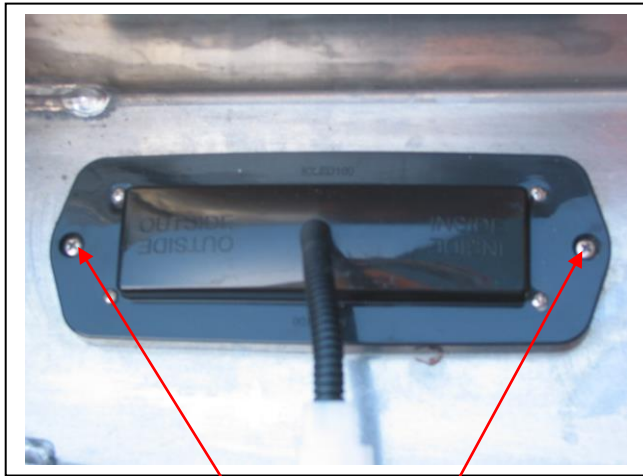
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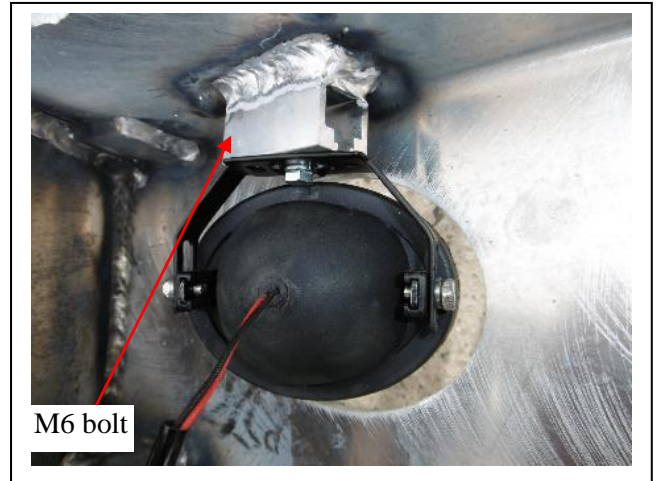
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**Figure 5**  
Stainless steel self-tappers



**Figure 6**



**Figure 7:** Front view



**Figure 8:** Side view



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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.

<b>Your Name:</b>	<b>Your contact No.</b>
<b>Product Part No.</b>	<b>Product Invoice No.</b>
<b>Product Description:</b>	<b>Make, model, and year of vehicle:</b>
<b>Product Work Order No.</b>	<b>Company your from/Company product purchased from:</b>

**Date:** \_\_\_/\_\_\_/\_\_\_

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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(07) 3283 1168



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# DESPATCH CHECKLIST BN110SY

ICZBKCN110



Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Steel mounting bracket.
- 1 – Bolt Kit
- 1 – ECB LED Indicator / Park light kit.
- 1 – Quick Click Indi / Park kit (IC10X-TECB100H)
- 1 – ECB fog light kit
- 1 – Quick Click fog wiring kit (IC10D40S1004ECBH)
- 2 – Fog light trims
- 1 – 2300mm length 6mm clip lock
- 2 – ECB Overrides – **Fitted to Bar**
- 7 – 6mm air vent trims – **fitted to bar**



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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