



WORLD'S BEST
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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NBN160SY, NB6N160SY

REPLACES: 00.00.00

REVISED: 24.02.14

FITTING INSTRUCTIONS

NISSAN PATHFINDER 10 – 13 ON 76MM NUDGE BAR, SERIES 2 NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet.
2. Remove radiator cover, 13 push pull plastic clips.
3. Gently pull grille forward at top corners to release clips on sides of headlights. **See figure 1.** Disconnect camera in bottom of badge (if fitted). Starting on outer corners, press up on centre of lower clips whilst gently pulling grille forward to remove. **See figure 2.**
4. Under front of vehicle, remove four push pull plastic clips from front of under body guard, one push pull plastic clips (per side) from underbelly guard to inner guard and three T20 torx head screws (per side) from front of inner guard to bumper.
5. Under wheel arch, remove three T20 torx head screws (per side) from inner guard to bumper cover. Pull inner guards rearward away from bumper.
6. Disconnect fog lights from connector on radiator support. Caution: If disconnecting wiring from lights, wiring remains connected to rear of light housing. **See figure 3 and 4.**
7. Where rears of guard and bumper cover meet, remove one 10mm head bolt (per side). Gently pull bumper cover sideways to release plastic holding clips and forward to release clips from under headlights. Once both sides are released, remove four push pull plastic clips from centre of bumper cover. Remove bumper cover.
8. Remove polypropylene infill from front of alloy bumper support.
9. Remove four 13mm head nuts (per side) from front of bumper support to chassis rails. Remove support.
10. Clamp ECB steel mounts to rear of bumper support. Align holes in ECB mount centrally to holes in alloy bumper support. **See figure 5.** Check measure out to out on mounts of alloy protection bar to in to in measurement on ECB steel mounts. Using ECB steel mounts as a guide, drill inner holes in bumper support to 10mm. **Blow filings clear and treat all exposed metal with a rust inhibitor.** Install 3/8 x 1 1/4 bolts and washer on wire, flat washers, spring washers and nuts into drilled holes on bumper support. Do not tighten bolts in bottom at this stage.
11. Refit bumper support back to vehicle using original equipment nuts. **See figure 6. Tighten all bolts.**
12. Refit bumper as per reverse of steps 2 to 8. NOTE: ECB steel mounts should be installed in openings of grille.



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13. Fit ECB protection bar to ECB steel mounts using four M10 x 35 bolts, flat washers, spring washers and nuts. **Finger tighten only.**
14. Align ECB protection bar with vehicle, **See figures 7 and 8 for nudge bar and 9 and 10 for Series 2 Nudge Bar.**

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	4 – M10 x 1.5 nuts
4 – 3/8 x 1 ¼ bolts and washers on 300mm wire	12 – M10 flat washers
4 – 3/8 nuts	8 – M10 spring washers
4 – M10 x 35 x 1.5 bolts	



Figure 1: Grille showing placement of top head light mount.



Figure 2: Close up of lower grille mount.



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Figure 3: Recommended fog light disconnection point, drivers side.



Figure 4: Recommended fog light disconnection point, passengers side.



Figure 5: Clamp and drill inner holes in mount. Holes to drill circled.



Figure 6: bumper support and mount fitted to vehicle.



Figure 7: 76mm Nudge bar front view



Figure 8: 76mm Nudge bar side view



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Figure 9: Series 2 nudge bar front view



Figure 10: Series 2 nudge bar 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.

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 NBN160SY, NB6N160SY

ICZBKTN160

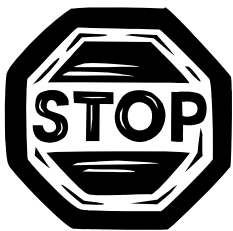
* I CZBKTN160*

Work Order #	
Finish:	
Transport:	
Due Date:	

OC.....1 – Pair Steel mounting brackets.

BK.....1 – Bolt Kit.

**See other side of
this page for
photos of all
mounts**



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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