



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: NBN164SY



Fitting Guide & Owners Manual

Nissan Navara

12/20on

76mm NUDGE BAR
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES



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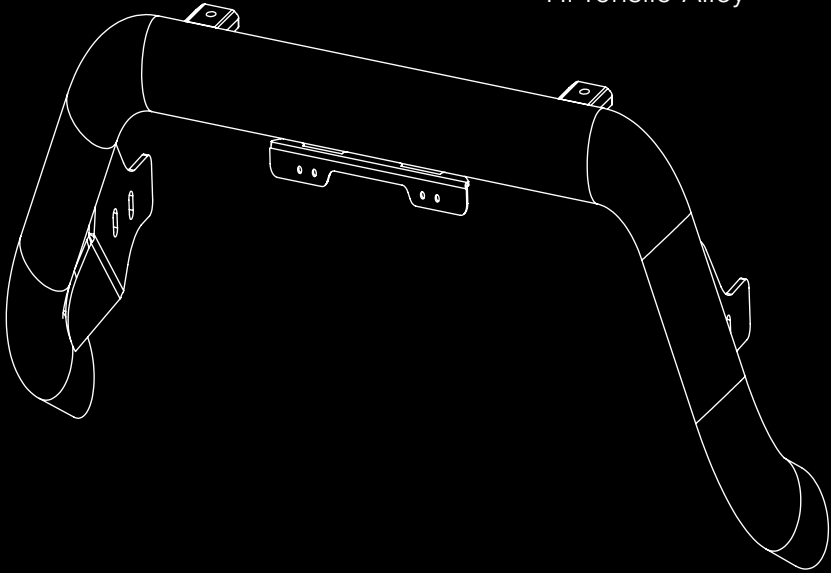
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Notes

The Features of ECB

Rust Free

Hi-Tensile Alloy



Industry Leading
Metal Thickness

Unmatched
Strength

Fully Welded
Construction

ECB's Benefits

Built to Perform - Not to a Price

ECB are proud to claim that their channels are not jigsaw puzzles that are bolted together, or even multiple sections welded together. Where any welding is required, it is done to the highest standards by qualified welders, not machines.

Anti-Corrosive Nature of Alloy

The composition of ECB's alloy has a very high resistance to corrosion. Rust not only looks unappealing but greatly reduces the strength of the metal. Rust can and will weaken the structural integrity of a steel bullbar effectively rendering it useless over time.

Australian Made

Established in 1971, we utilise decades of experience designing, engineering and building products in Australia to suit Australian conditions. We can ensure the best quality controls and help support the local economy and employ over 90 proud Australians.

Weight Saving Benefits

An ECB alloy bullbar is typically half the weight of a steel bullbar. Unnecessary suspension upgrades are not required. The reduced weight also contributes to increased fuel economy and less wear and tear on tyres, suspension and braking components.

Welds That Work

ECB uses only the strongest welds and welding techniques to ensure every product is as structurally sound as possible. MIG (Metal Inert Gas) welding techniques are employed ensuring the welds are as thick as the thickest section of alloy's being joined together.

Lifetime Warranty

ECB provide a lifetime warranty and consumer guarantee on all of our manufactured products. This guarantee highlights the confidence in our ability and provides complete peace of mind for your purchase for the lifetime you own your vehicle.

Product Care

Polished Products

Being a premium mirror polished finish, regular maintenance will be required to keep that iconic ECB shine. We recommend using our own brand of Aluminium Polish. This formula has been tried and tested and in our opinion is the world's best standard.

Directions: Apply a small quantity of Aluminium Polish to a clean soft cloth and rub the metal surface. The longer the rubbing the brighter the surface becomes. Wipe off Aluminium Polish with clean soft cloth. Also suitable for motorised buffing machines. **Note: There are more specific details on the polish bottle. Please read before use.**

Powdercoated Products

Our powdercoated finishes are very low maintenance. Infact there is actually very little you will ever need to do for this product. Just clean it as you would your car and it will stay looking good as new.

ECB Aluminium Polish

When you're looking for that showroom finish look for your polished automotive products, you can depend on the no compromise quality of East Coast Bullbars Aluminium Polish. This specifically designed product is the best polish available and we guarantee that this \$#!+ works. Within our decades of manufacturing polished alloy products we have trialled a large range of different polishes on the market and believe without a doubt that nothing beats the finish quality of East Coast Bullbars Aluminium Polish.

East Coast Bullbars Aluminium Polish is excellent for use by hand and is ideal for polished bullbars, nudge bar and stainless steel products. This polish will clean, polish and protect your product from the elements whilst bringing your products back to that showroom finish look.



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Stage 1

- Test drive vehicle to ensure all driver assists are correctly working and to gauge effectiveness. Park on a flat level surface.
- Apply parking brake and lift bonnet.
- Unwrap ECB Protection bar and disconnect mounts. Discard bolts.
- Ensure these instructions are left with the vehicle owner / operator.



Stage 2

- From under center of vehicle remove six (6) 10mm head bolts.
- Unclip and remove spoiler



Stage 3

- On passenger side of vehicle, remove two (2) 17mm head bolts from tie down bracket.
- Remove tie down bracket and discard.



NISSAN NAVARA 12/20on

Stage 4

- Install ECB steel mounting bracket onto captive nuts where tie down was removed with gusset facing to the inside of the vehicle using M12 x 1.25 x 40mm bolts, spring washers and flat washers (supplied).



Stage 5

- On drivers side of vehicle, install two (2) M12 nut and washer on wire in rear hole in chassis rail in same position as captive nuts on other side of vehicle, from rectangular slot on outside of chassis rail. Fit ECB steel mount using M12 x 1.25 x 40mm bolts, spring washers and flat washers (supplied).



Stage 6

- Centralise ECB steel mounting bracket to vehicle, wide enough for ECB protection bar to slip onto outside.
- Cut tails from wire on drivers side of vehicle and crimp to outside of chassis rail to limit rattling of wire.



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Stage 7

- Mark and trim spoiler to fit in between steel mounts in original position.
- Refit spoiler to vehicle.



Stage 8

- Install ECB protection bar onto vehicle using M10 x 1.25 x 40mm bolts, flat washers, spring washers and nuts for rear holes and M10 x 1.25 x 40mm bolt and washer on wire, flat washer, spring washer and nuts (supplied) in front holes.
- Align ECB protection bar to vehicle ensuring front of bar stands upright from floor and tighten all bolts.



Stage 9

- Test drive vehicle to ensure all driver assists are correctly working as per pre-start drive.

Final Checks & Installation Kit

Ensure Number Plate is Clearly Visible

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

1. Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
2. Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
3. Do not remove the plaque or label from the VFPS.
4. Do not modify the structure of the VFPS in any way.
5. No accessory or fitment should project forward of the VFPS forward profile.
6. **Ensure these instructions are left with the vehicle owner and/or operator.**

Important Information

Periodically check bolts and nuts for correct tightness, especially if traveling on rough roads.

Installation Kit

1 - Pair ECB steel mounts	2 - M10 x 1.5 x 40mm bolts
4 - M12 x 1.25 x 40mm bolts	2 - M10 x 1.5 x 40mm bolt and washer on wire
4 - M12 flat washers	6 - M10 flat washer
4 - M12 spring washers	4 - M10 spring washer
2 - M12 x 1.25 nut and washer on 400mm wire	4 - M10 x 1.5 nuts

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **NBN164SY** _____

Email: _____

Phone: _____

Work Order Number: _____

You can find this on the silver label
of your ECB product.

By submitting this registration you automatically subscribe to ECB's mail outs. You
can unsubscribe at any time.

Register Online

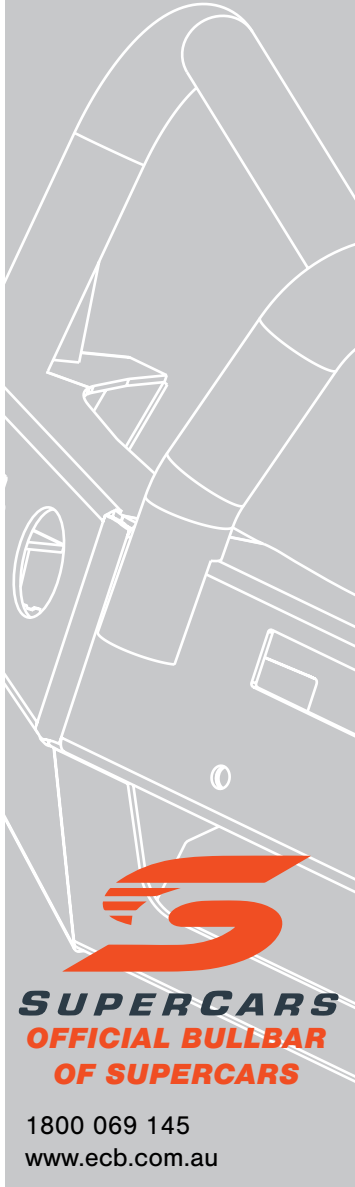
For online registration please go online to www.ecb.com.au/warranty-registration
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.



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Please post to PO Box 122,
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