



**WORLD'S BEST  
ALLOY BULLBARS**

**Strongest Built  
Australian Made  
Lifetime Warranty**

**PN:EAN164SY**



# **Fitting Guide & Owners Manual**

**Nissan Navara**

**12/20on**

Big Tube Bar with Bumper Lights  
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)  
FOR AIR BAG & ADR COMPLIANT VEHICLES



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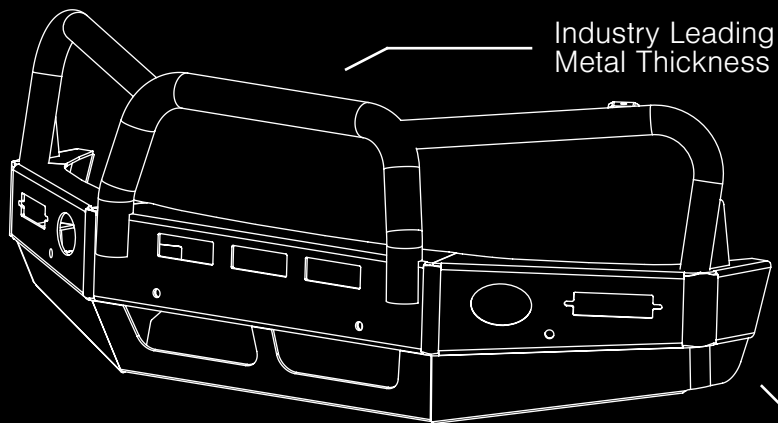
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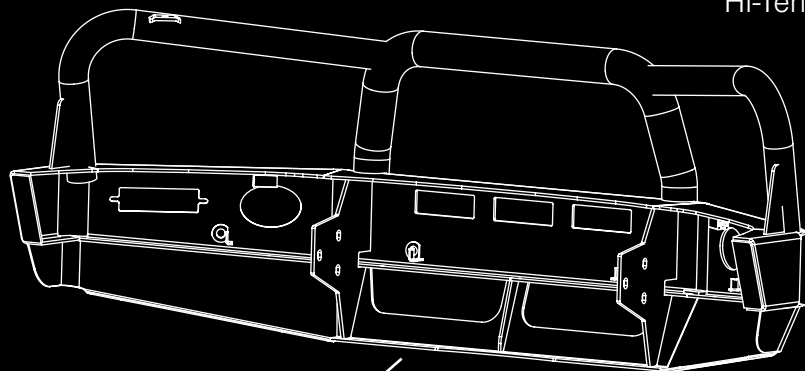
# The Features of ECB

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Industry Leading  
Metal Thickness

6mm Thick  
Hi-Tensile Alloy



Unmatched  
Strength

Fully Welded  
Construction

# ECB's Benefits

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## **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

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## 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 and/or operator.



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## Stage 2

- Remove twelve (12) push/pull clips from radiator trim panel.
- Remove panel



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## Stage 3

- Unplug camera from back of badge.
- Unclip sides of grille and gently pull forward whilst unclipping lower edge of grille, eight (8) tabs.
- Remove grille.



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## Stage 4

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



## Stage 5

- Remove eight (8) 10mm head bolts from under side of bumper



## Stage 6

- Remove one (1) T 20 torx head screw from lower guard liner.
- Pull liner away and remove one (1) 10mm head screw from rear of wing to guard.



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## Stage 7

- Pull out on rear wing to unclip bumper from guard retainer and forward from under headlight.
- Unplug fog light



## Stage 8

- Remove three (3) push/pull clips from top of bumper
- Remove bumper.



## Stage 9

- Remove left and right air dams, two (2) push/pull clips per side.





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## Stage 10

- Remove intercooler air shoot from top of bumper support by releasing two push/pull clips on top of chassis rail.



## Stage 11

- Gently pull forward on foam pad to remove from bumper reinforcement.



## Stage 12

- Remove four (4) 10mm head bolts and one (1) push/pull clip from under body guard.
- Remove underbody guard.



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## Stage 13

- Remove bumper reinforcement, four (4) 17mm head bolts.



## Stage 14

- Remove tow hook, two (2) 17mm head bolts.



## Stage 15

- Remove two (2) push/pull clips from side air dams and disregard.



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## Stage 16

- Fit ECB steel mounting brackets onto end of chassis rail using two (2) M12 x 1.25 x 35mm bolts, spring washers and flat washers (supplied)(per side).
- On passenger side install two (2) M12 x 1.25 x 35mm bolts, spring washers and flat washers on under side of ECB mount into captive nuts.



## Stage 17

- On driver side use two (2) M12 x 1.25 x 35mm bolts, spring washers, flat washers and nuts and washer on wire (supplied) via access in front of rail.
- Align mounts centrally to vehicle and correct distance apart.
- Tighten all bolts.



## Stage 18

- Trim air dams neatly to fit as close as possible to the steel mount.
- Refit air dams using original clips.



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## Stage 19

- Connect ECB Quick Click wiring harness (supplied) into original wiring harness behind headlight. Ensure harness is clear of sharp edges and moving parts.
- Connect ECB Quick Click bumper light wiring harness (supplied) into original wiring harness.



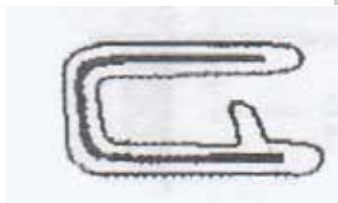
## Stage 20

- Fit ECB LED indicator / park lights /DRL into protection bar as per instructions supplied with the LED indicator kit.
- NOTE: Ensure park light is to top.



## Stage 21

- 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.



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## Stage 22

- Install plastic protection cover (supplied) onto rear of protection bar using three (3) M6 nuts and washers (supplied).
- Place nuts and washers onto sonar mount in bullbar with washer on last.
- Remove sonar unit from mount, three (3) 10mm nuts, relocate onto ECB protection bar using original equipment nuts. Adjust front of sonar unit parallel to front of bullbar.
- Tighten all bolts



## Stage 23

- Remove camera and mount from behind grille badge, two (2) phillips head screws.
- Remove camera from mount two (2) phillips head screws.
- Relocate camera onto ECB protection bar using original equipment.



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## Stage 24

- Using paper masking tape, mask area to be cut to avoid damage.
- As printers vary, check measure template to ensure correct sizing.
- From this instruction, using sharp scissors, carefully cut out template.
- Mark and neatly cut bumper using jigsaw, hack saw or similar.

CAUTION: Double check all marked lines before trimming.



## Stage 25

- Refit bumper and grille to vehicle using original equipment bolts and clips.



## Stage 26

- Fit ECB protection bar onto steel mount using three (3) M12 1.25 x 40mm bolts, spring washers, flat washers and nuts (supplied) (per/side).
- Align and tighten all bolts.





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## Stage 27

- Fit centre under body guard using two (2) M10 x 30 bolts, spring washers, flat washers and nuts (supplied) in rear holes.
- Fit two (2) M6 x 25 bolts, flat washers and nyloc nuts (supplied) in front holes.
- Fit three (3) 6mm air vents in front face of guard. Trim rear if required. Place vents to push air into radiators.



## Stage 28

- Fit side under body guard using three (3) M6 x 25 bolts, flat washers and nyloc nuts (supplied) (per/side).



## Stage 29

- Mark and trim guard liner to fit side under body guard.
- Attach liner to rear of underbelly using two (2) self drilling screws (supplied).



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## Stage 30

- 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.**
- Install fog light surrounds (supplied) to fog light openings. Large side of surround to inside of opening on lights.



## Stage 31

- Check all electrical equipment for correct operation.
- Test drive vehicle to ensure all safety assists are operating as per pre start test.

# Final Checks

## 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

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## Installation Kit

1 - Pair steel mounting brackets	2 - M6 x 20mm bolt
2 - Side underbody guards	25 - M6 flat washers
1 - Centre under body guard	2 - M6 spring washer
1 - Plastic sonar cover	11 - M6 nuts
6 - M12 x 1.25 x 40mm bolt	8 - M6 nyloc nuts
8 - M12 x 1.25 x 35mm bolt	4 - 8-18 x 25 self drilling screws
20 - M12 flat washer	1 - ECB LED Indicator/ DRL / Park light kit
14 - M12 spring washer	1 - Quick click kit (IC15NINAHINDH)
6 - M12 x 1.25 nuts	1 - Bumper light kit
2 - M12 x 1.25 nut and washer on 300mm wire	1 - Quick click bumper kit (IC10D40S1004ECBH)
2 - M10 x 1.25 x 30mm bolts	2 - Bumper light surrounds
2 - M10 flat washers	1 - 2600mm length 6mm clip lock
2 - M10 spring washers	2 - 450mm length 3mm clip lock
2 - M10 x 1.25 nuts	3 - 6mm air vents
8 - M6 x 25mm bolts	

# Finished Product

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# Warranty Registration

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## Contact Details

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Product: **EA164SY** \_\_\_\_\_

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](http://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](http://www.ecb.com.au).

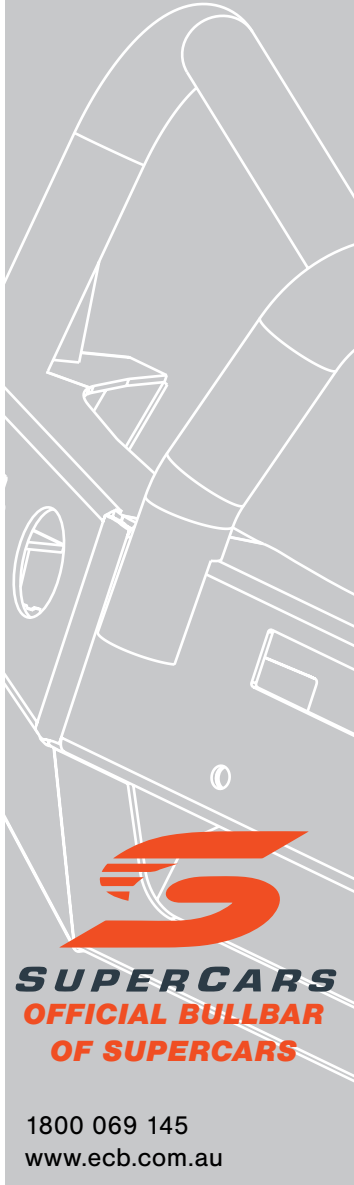


**PN: EAN164SY**  
**Please post to: PO Box 122,**  
**Margate QLD 4019**

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REVISED: 12.05.21



# **Strongest Built Australian Made Lifetime Warranty**

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