



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN:EAN165SY



Fitting Guide & Owners Manual

Nissan Navara

12/20on

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



Index

Pages 3-5

ECB's Benefits
Product Care

Pages 6-7

Stage 1 - Vehicle Testing and Preparation
Stage 2 - Radiator Trim
Stage 3 - Camera/ Grille Removal
Stage 4 - Spoiler Removal
StageS 5 to 6 - Bumper removal

Pages 8-9

StageS 7 to 8 - Bumper Removal (Cont'd)
Stage 9 - Air Dam Removal
Stage 10 - Intercooler Shoot
Stage 11 - Bumper Foam Infill
Stage 12 - Underbody Guard

Pages 10-11

Stage 13 - Bumper Reinforcement
Stage 14 - Tow Hook
Stage 15 - Air Dam Removal
StageS 16 to 18 - Mount Installation

Pages 12-13

Stage 19 - Air Dam Trim
Stage 20 - Install Winch
Stage 21 - Quick Click Wiring
Stage 22 - Indicator Installation
Stage 23 - Clip Lock Trim
Stage 24 - Sonar Reattachment

Pages 14-15

Stage 25 - Number PLate Holder
Stage 26 - Camera Installation
Stage 27 - Bumper Trim
Stage 28 - Refit Bumper
Stage 29 - Install Protection Bar
Stage 30 - Centre Underbody Guards

Pages 16-17

Stage 31 - Side Underbody Guards
Stage 32 - Inner Guards
Stage 33 - Bumper Light Fitment
Stage 34 - Connect, Check and Test
Final Checks

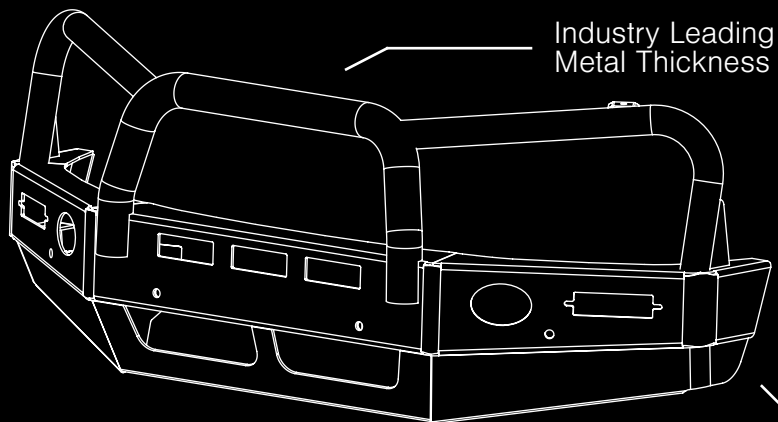
Pages 18-19

Fitting Kit
Finished Product

Pages 20-21

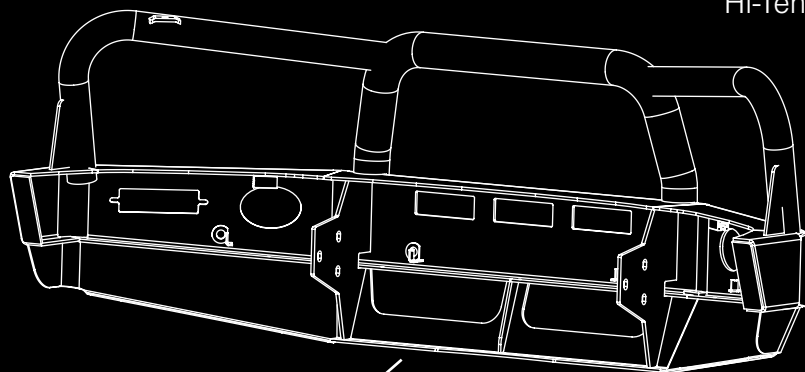
Notes
Warranty Registration

The Features of ECB



Industry Leading
Metal Thickness

6mm Thick
Hi-Tensile Alloy



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 and/or operator.



Stage 2

- Remove twelve (12) push/pull clips from top grille panel.
- Remove panel



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 center 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 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 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 drivers side 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) to front of chassis rail.
- Use two (2) M12 x 1.25 x 40mm bolts, spring washers, flat washers and nuts and washer on wire (supplied) via access in front of rail for under side of mount.
- Finger tight at this stage.



Stage 17

- Fit winch cradle onto drivers side steel mount using M12 x 1.25 x 40mm bolts, flat washers, spring washers and nuts (supplied).
- Finger tight at this stage.



Stage 18

- Fit passenger side ECB steel mounting bracket onto end of chassis rail using two (2) M12 x 1.25 x 35mm bolts, spring washers and flat washers (supplied). Use two (2) M12 x 1.25 x 40mm bolts, spring washers and flat washers (supplied) on under side of ECB mount into captive nuts.
- When all bolts are fitted, align and centralise mount to vehicle body and **tighten all bolts.**



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Stage 19

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



Stage 20

- Fit fairlead onto winch cradle with bolts supplied by winch manufacturer.
- Fit winch into cradle using bolts supplied by winch manufacturer.
- Fit control box onto ECB steel mount with original bolts and fix mount to cradle with two (2) M8 x 1.25 x 30mm bolts flat washers and nyloc nuts. (finger tight at this stage).
- Wire winch as per manufacturers instructions.



Stage 21

- 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.



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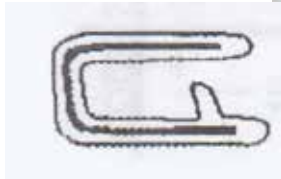
Stage 22

- 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.



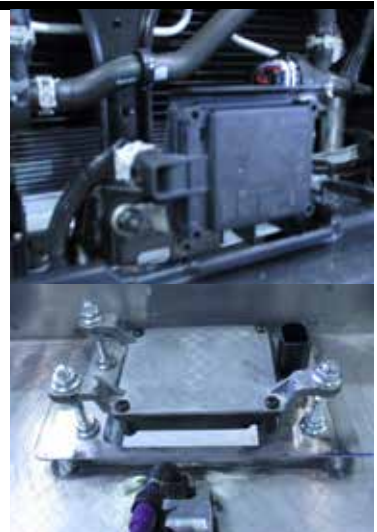
Stage 23

- 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.



Stage 24

- Install plastic protection cover onto rear of protection bar using three M6 nuts and washers.
- 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.



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Stage 25

Fit number plate holder onto bottom leg of protection bar with two (2) M8 x 1.25 x 30mm bolts, flat washers and nyloc nuts (supplied)



Stage 26

- 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.



Stage 27

- 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 cut bumper using jigsaw, hack saw or similar.



CAUTION: Double check all marked lines before trimming.

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Stage 28

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



Stage 29

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



Stage 30

- Fit centre under body guard using two (2) original bolts in rear holes.
- Fit two (2) M10 x 1.25 x 30mm bolts, flat washers, spring washers and 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.



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Stage 31

- Fit side under body guard using three (3) M6 x 30 bolts, flat washers and nyloc nuts (supplied) (per/side).



Stage 32

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



Stage 33

- Attach ECB bumper 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 bumper light surrounds (supplied) to fog light openings and winch openings. Large side of surround to inside of opening on lights and to rounded side of winch openings.



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Stage 34

- 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

1- Pair steel mounts	8 - M8 flat washers
1 - Winch cradle	4 - M8 nyloc nuts
1 - Control box mount	6 - M6 x 30mm bolts
1 - Centre under body guard	2 - M6 x 20mm bolt
1- Pair side underbody guards	18 - M6 flat washers
1 - Plastic sonar cover	2 - M6 spring washer
1 - Number plate holder	2 - M6 nuts
16 - M12 x 1.25 x 40mm bolt	6 - M6 nyloc nuts
4 - M12 x 1.25 x 35mm bolt	4 - 8-18 x 25 self drilling screws
30 - M12 flat washers	1 - ECB LED Indicator/ DRL / Park Light kit
20 - M12 spring washers	1 - Quick click kit (IC15NINAHINDH)
12 - M12 x 1.25 nuts	1 - Bumper light kit
2 - M12 x 1.25 nut and washer on wire 300mm long	1 - Quick click kit Bumper light (IC10D40S1004ECBH)
2 - M10 x 30mm bolts	4 - Bumper light surrounds
4 - M10 flat washers	1 - 2600mm length 6mm clip lock
2 - M10 spring washers	1 - 650mm length 6mm clip lock
2 - M10 nuts	2 - 450mm lengths 3mm clip lock
4 - M8 x 1.25 x 30mm bolts	

Finished Product



Notes

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Full Name

Date

Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **EAN165SY** _____

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.

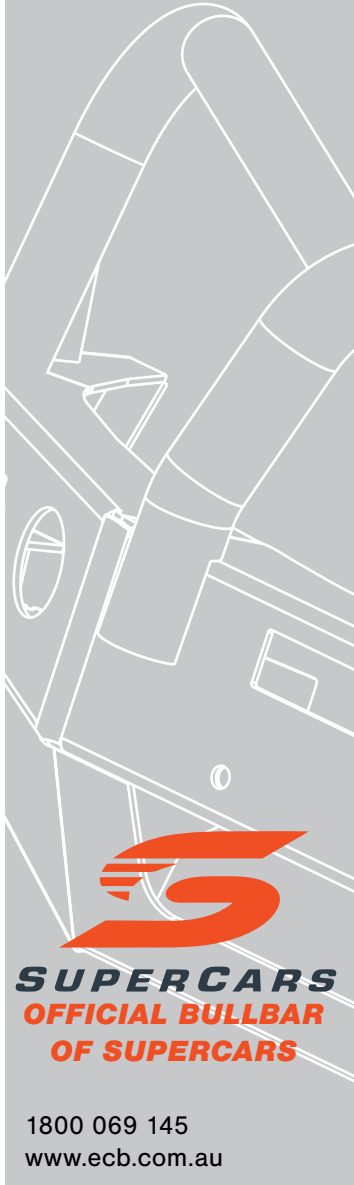


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**Please post to: PO Box 122,
Margate QLD 4019**

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