



**WORLD'S BEST
ALLOY BULLBARS**

**Lighter
Stronger
Better!**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: EAN72SY



Fitting Guide & Owners Manual

NISSAN PATROL Y62 Series 5 Ti & Ti-L 08-2019 on

BIG TUBE BAR WINCH COMPATIBLE WITH BUMPER LIGHTS
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES


SUPERCARS
**OFFICIAL BULLBAR
OF SUPERCARS**

Index

Pages 3-5

ECB's Benefits
Product Care

Pages 16-17

Notes
Warranty Registration

Pages 6-7

Stage 1 - Vehicle testing and preparation
Stage 2 - Radiator Trim
Stage 3 - Grille removal
Stage 4 to 5 - Bumper removal
Stage 6 - Chassis Preparation

Pages 18-19

Notes

Pages 8-9

Stage 7 - Winch cradle installation
Stage 8 - Winch Fitment
Stage 9 - Sensor relocation
Stage 10 - Camera relocation
Stage 11 - Sonar unit relocation
Stage 12 - Indicator/ Park Installation

Pages 10-11

Stage 13 - Clip lock trim fitment
Stage 14 - Indicator Wiring
Stage 15 - Bumper marking
Stage 16 - Bumper cut
Stage 17 to 18 - Headlight under guards

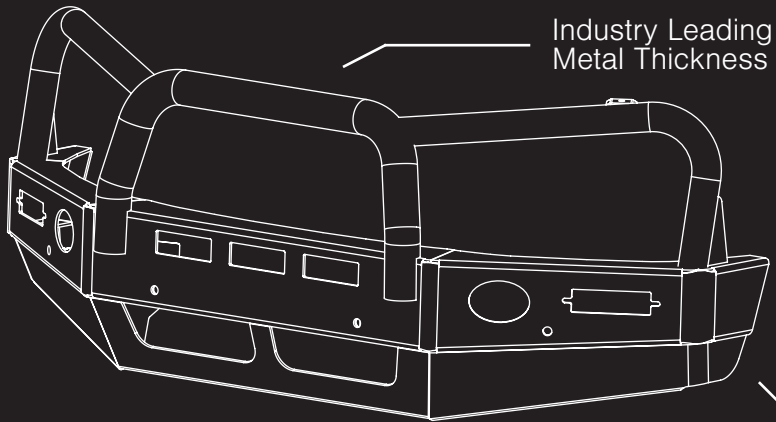
Pages 12-13

Stage 19 - Refit Bumper
Stage 20 - Fit Protection Bar
Stage 21 - Fog light installation
Stage 22 - Connect, check and test
Final Checks

Pages 14-15

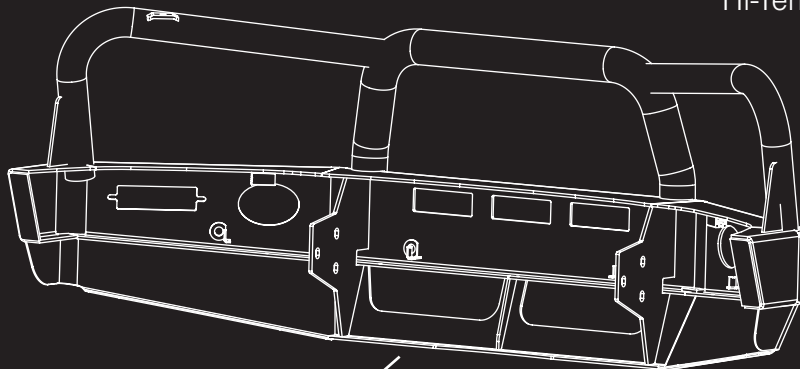
Installation Kit
Final Product

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 over 46 years 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.

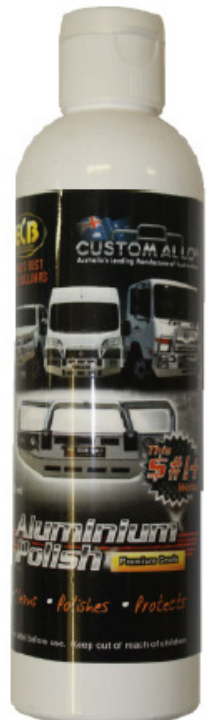
Powdercoated Products

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. With over 40 years 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.



NISSAN PATROL Y62 SERIES 5 Ti/Ti-L 8/19on

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 Fifteen (15) push/pull clips from top radiator trim.
- Remove trim.



Stage 3

- Unplug camera from back of badge.
- Remove grille by carefully prising top clip while pulling forward to unclip sides.
- Pull forward on bottom of grille to release from bumper and remove grille.



Stage 4

- Remove eight (8) push/pull clips from top of bumper between headlights.
- Remove three (3) 10mm head bolts from front underside of guard liner (per/side).
- Remove one (1) 10mm head bolt from rear wing to guard (per/side).
- Remove two (2) 10mm head bolts from bumper to light panel (per/side).



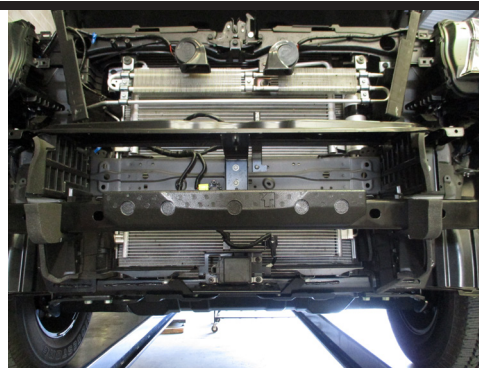
Stage 5

- Remove four (4) 13mm head bolts from under side of bumper.
- Unplug wiring harness from drivers side headlight panel.
- Unplug washer line from drivers side washer line joiner.
- Remove bumper.



Stage 6

- Remove four (4) 16mm head nuts from end of chassis rail (per/side) and remove bumper support.
- Remove two (2) 18mm head bolts from stoppers on lower tie bar rail (per/side) and remove stoppers.
- Remove lower air dams by removing four (4) push/pull clips (per/side).
- Remove plates from lower tie bar rail three (3) 13mm head bolts (per/side).



NISSAN PATROL Y62 SERIES 5 Ti/Ti-L 8/19on

Stage 7

- Fit ECB winch cradle (supplied) onto end of chassis rail and fix with original nuts.
- Fit two (2) M12 x 1.25 x 40mm bolts, spring washer and flat washer (supplied) in lower tie bar rail (per/side). Should your vehicle have a gap between the lower section of the mount and the chassis, insert 3mm spacer (supplied).
- Align and centralise winch cradle to body. Tighten all bolts except outer M12 bolts on outside of underside. These will need to be removed in step 21.



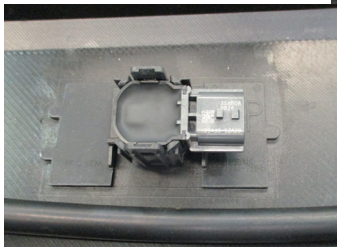
Stage 8

- Fit winch and fairlead into winch cradle using winch manufacturers instructions.
- Wire winch as per manufacturers instructions.
- if required, a warn control box mount has been included. Install control box onto mount and firmly attach to motor end of winch using two (2) hose clamps. Do not overtighten.



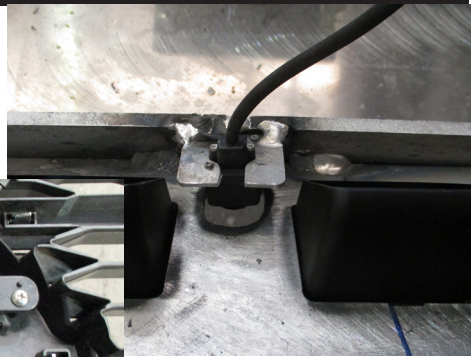
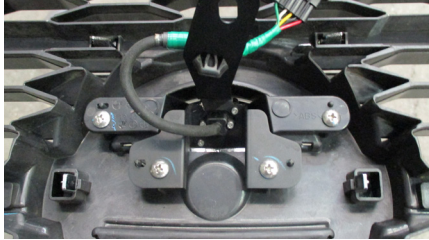
Stage 9

- Remove bumper sensors from bumper and relocate into ECB sensor housing in protection bar. Secure wiring harness to lower edge of channel using zip ties (supplied) to minimise movement.



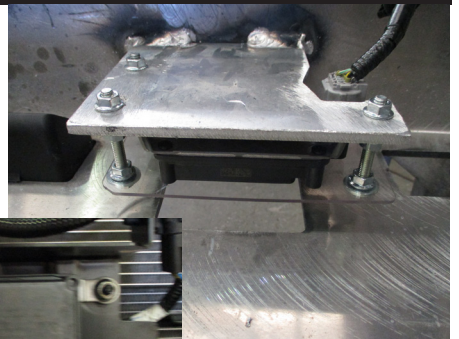
Stage 10

- Remove camera from rear of grille and relocate into ECB protection bar with original equipment screws.



Stage 11

- Remove sonar unit from vehicle and relocate it onto ECB sonar mount with clear perspex cover plate (supplied) in front of unit, use M6 x 50mm bolts, flat washers and nyloc nuts (supplied).



Stage 12

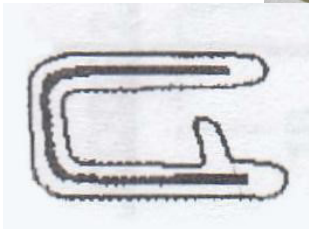
- Fit ECB LED indicator / park lights into protection bar as per instructions supplied with the LED indicator kit.
- NOTE: Ensure park light is to top.



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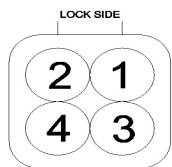
Stage 13

- Attach 2800mm legnth 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.
- Attach the 1100mm length of 6mm clip lock tirm (supplied) to the roller fairlead cut out in the skirt of the bar.



Stage 14

- Splice ECB indicator / DRL / park light wiring harness into indicator / park light harness on vehicle using cable locks (supplied). Ensure harness is clear of sharp edges and moving parts.
- Connect ECB Quick Click fog light wiring harness (supplied) into original wiring harness



VEHICLE CONNECTOR

Pin	Color	Outer Size	Use
1	Blue	2mm	Park light
2	Orange	2mm	DRL
3	Black	2mm	Earth
4	Green	2mm	Indicator

Stage 15

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

CAUTION: Double check all marked lines before trimming.



Stage 16

- Trim bumper cut line with 3mm clip lock supplied.



Stage 17

- Fit under headlight guard to guard stay with two (2) M6 x 30mm bolts, flat washers and nyloc nuts (supplied) (per/side).
- Fix one (1) self drilling screw into lower headlight panel.
- **CAUTION:** Outside M6 bolt has to be fitted this direction to not affect liner fitment.



Stage 18

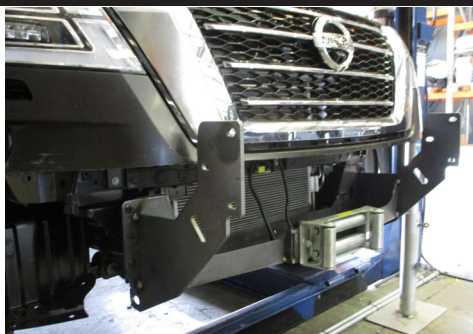
- Mark and trim guard liner excess.
- Fix liner to tab with M6 x 25mm bolt, flat washers and nyloc nut (supplied) (per/side).



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Stage 19

- Refit bumper in the reverse of steps 2 to 5.



Stage 20

- Fit ECB protection bar onto winch mounting bracket and attach with three (3) M12 x 1.25 x 40mm bolts, flat washers, spring washers and nuts (supplied) (per/side).



Stage 21

- Attach ECB fog lights to protection bar. Place M6 x 20mm 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 and winch openings. Large side of surround to inside of opening on lights and to rounded side of winch openings.



Stage 22

- Connect indicator and fog lights, camera, sonar and parking sensors. Check for correct operation.
- Test drive vehicle to ensure parking sensors and driver aids are working correctly.

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 - Winch cradle	2 - M6 spring washers
1 - Control box mount	9 - M6 nyloc nuts
2 - 3mm spacer plate	8 - M6 nuts
1 - Pair headlight under guards	8 - Zip tie 200mm long
1 - Sonar unit perspex cover	4 - Zip tie 150mm long
2 - Worm drive hose clamps	2 - 8-18 x 12 Self drilling screws
10 - M12 x 1.25 x 40mm bolts	1 - Indicator/ DRL / Park Light kit
16 - M12 Flat washers	8 - Cable locks
10 - M12 Spring washers	1 - Fog light kit
6 - M12 x 1.25 nuts	1 - Quick click kit (IC10SD401004ECBH)
3 - M6 x 50mm bolt	4 - Fog light surrounds
4 - M6 x 30mm bolts	1 - 2800mm length 6mm clip lock trim
2 - M6 x 25mm bolts	1 - 1100mm length 6mm clip lock trim
2 - M6 x 20mm bolts	2 - 350mm lengths 3mm clip lock trim
24 - M6 flat washers	

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **EAN72SY** _____

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

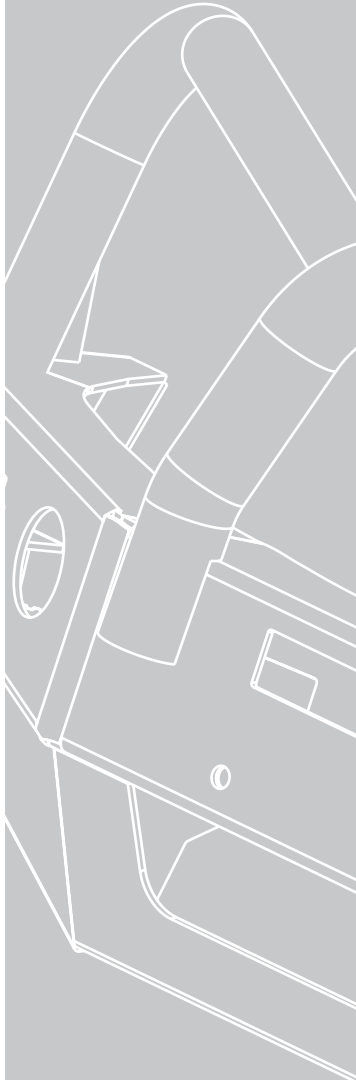
For online registration please go online to www.ecb.com.au/warranty-registration If you have any questions please contact our national office on 1800 069 145 or www.ecb.com.au.



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Or post to: PO Box 122,
Margate QLD 4019

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REPLACES: N/A
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Strongest Built Australian Made Lifetime Warranty

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