



**WORLD'S BEST  
ALLOY BULLBARS**

**Strongest Built  
Australian Made  
Lifetime Warranty**

**PN: NBN72SY**



**Fitting Guide &  
Owners Manual  
NISSAN PATROL Y62  
Series 5 Ti-L  
8-2019 on**

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



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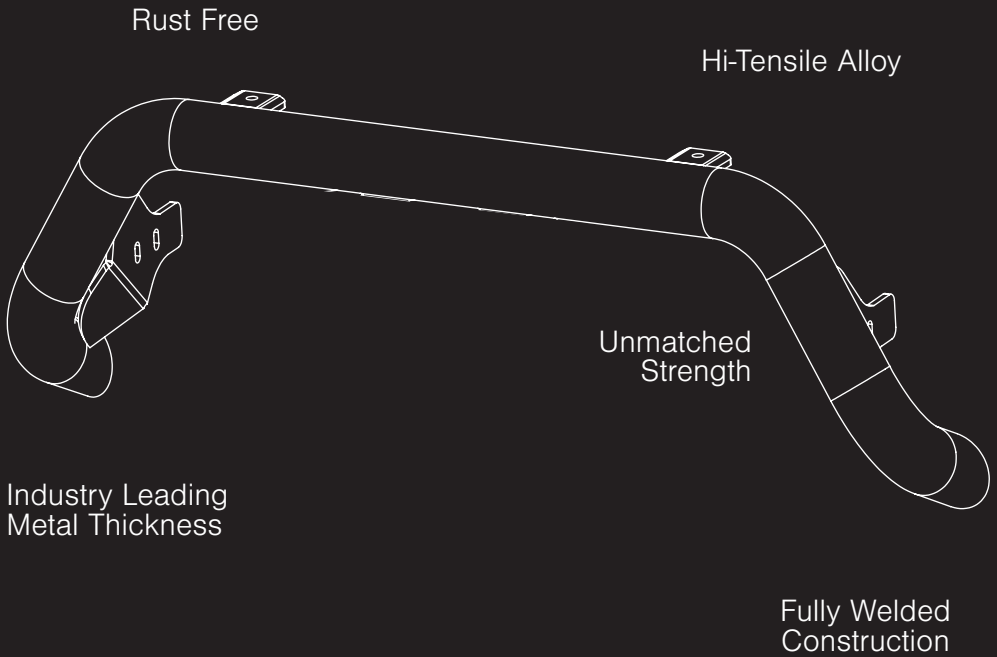
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# The Features of ECB



# 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 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

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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.**

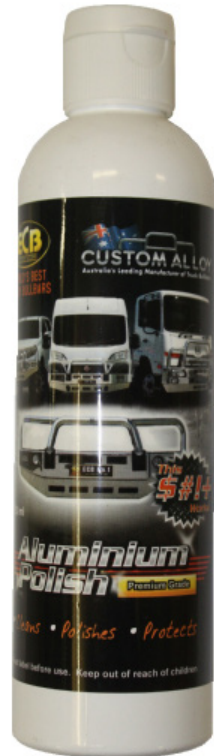
## Powdercoated Products

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. 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-L 8/19on

## Stage 1

- NOTE: This product suit the **Ti-L variants only** if you have a Ti do not proceed, contact the place of purchase.
- 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 sensor wiring harness from drivers side headlight panel.
- Unplug washer line from drivers side washer line joiner. Block washer line to prevent escape of washer fluid.
- To remove bumper, pull sides of bumper out from vehicle, then forward to unclip from guard and headlight clips.



## Stage 6

- Remove two (2) 18mm head bolts from lower tie bar (per/side).
- Remove two (2) 16mm head nuts from bumper reinforcement and fit ECB steel mount over the bolts and fix with original equipment.
- Using the inside measurement from alloy protection bar to the outside of the steel mounting bracket, align mounts and **tighten all bolts.**



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

## Stage 7

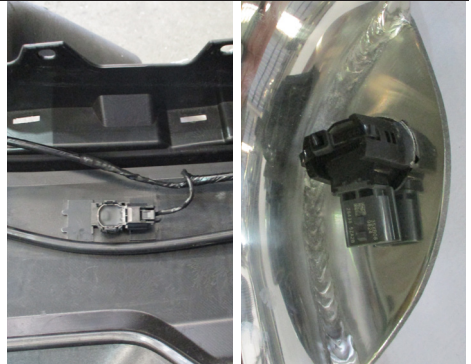
- Using paper masking tape, mask area to be cut to avoid damage.
- As printers vary, check measure template to ensure correct sizing.
- Carefully cut out template using sharp scissors.
- Mark and neatly cut bumper using jigsaw, hack saw or similar to fit over steel mounting brackets



**CAUTION:** This trim will not be covered.

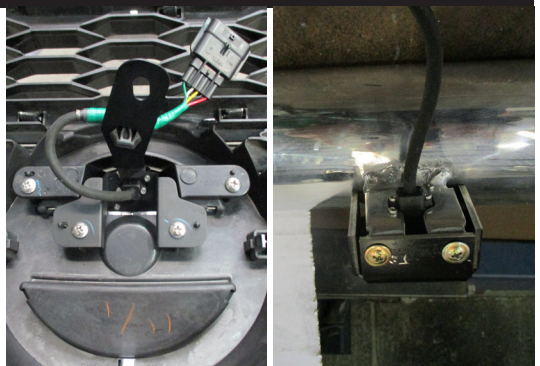
## Stage 8

- Remove the two centre bumper sensors from bumper and refit into protection bar.
- Extend the wiring harness with wire and solder joiners supplied.
- Place exposed wiring in 10mm convoluted tubing supplied.
- NOTE: Overheating of connectors will cause the plastic sheath to melt, while under heating will not melt the solder enough to create a strong connection. Hold joint still until solder is solid for a good join.



## Stage 9

- Remove camera from behind grille badge four (4) phillips screws and disconnect from original equipment bracket, two (2) tiny phillips screws.
- Relocate onto protection bar using original equipment screws.
- Fit ECB camera cover over camera and fix with self drilling screws (supplied).





## Stage 10

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



## Stage 11

- Fit protection bar onto steel mounting brackets, attach using two (2) M10 x 1.5 x 40mm bolts, flat washers, spring washers and nuts (supplied) (per/side).
- Align protection bar to front of vehicle and **tighten all bolts**. Align protection bar to front of vehicle and tighten all bolts.



## Stage 12

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

# Final Checks & Installation Kit

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## 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 mounting brackets	2 - 8g-18 x 12 self drill screws
1 - Camera cover	4 - 200mm length single core wire
4 - M10 x 1.5 x 40mm bolts	8 - Solder joiners
8 - M10 flat washers	2 - 250mm lengths 10mm conduit
4 - M10 spring washers	2 - 150mm zip ties
4 - M10 x 1.5 nuts	

# Finished Product

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left blank.**

# Warranty Registration

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## Contact Details

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

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

Product: **NBN72SY** \_\_\_\_\_

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

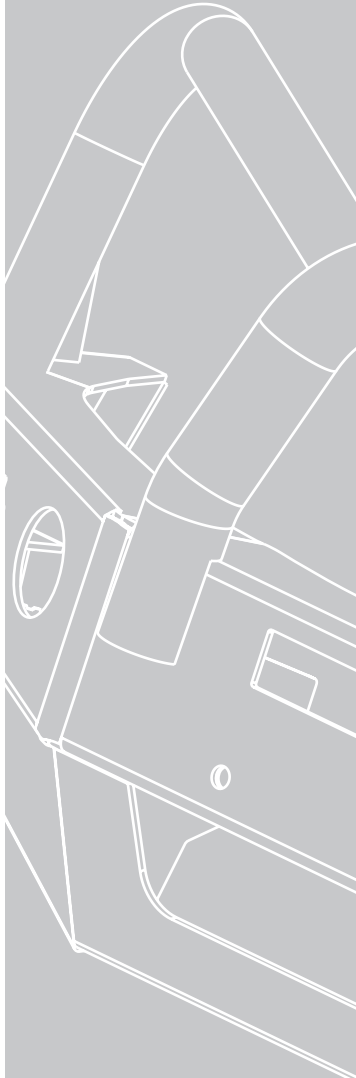
For online registration please go online to [www.ecb.com.au/warranty-registration](http://www.ecb.com.au/warranty-registration)  
If you have any questions please contact our national office on 1800 069 145 or  
[www.ecb.com.au](http://www.ecb.com.au).



**PN: NBN72SY**  
**Or post to PO Box 122,**  
**Margate QLD 4019**



REPLACES: N/A  
REVISED: 14.02.20



1800 069 145  
[www.ecb.com.au](http://www.ecb.com.au)

# **Strongest Built Australian Made Lifetime Warranty**

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