



**Strongest Built  
Australian Made  
Lifetime Warranty**

**PN: NB1C59SY**



**Fitting Guide &  
Owners Manual  
Chevrolet Silverado 2500  
01/2022 on**

100mm NUDGE BAR  
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)  
FOR AIR BAG & ADR COMPLIANT VEHICLES

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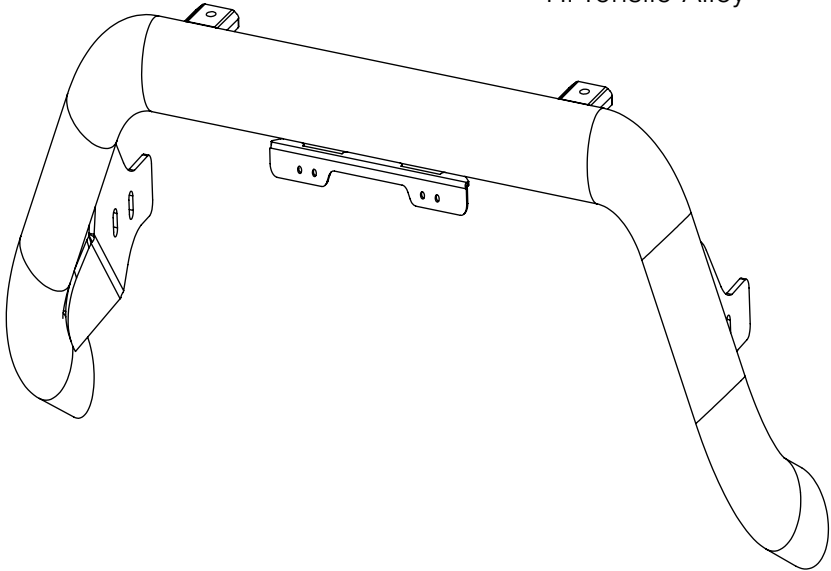
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# The Features of ECB

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Rust Free

Hi-Tensile Alloy



Industry Leading  
Metal Thickness

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.**

## Powder Coated Products

Our powder coated finishes are very low maintenance. In fact 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 trialed 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 assist features 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 between headlights, remove nine (9) plastic push pull clips from radiator cover.
- Remove bonnet latch extension, two (2) T15 Torx screws.



## Stage 3

- Remove four (4) 10mm head bolts from top of grille.



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## Stage 4

- From front of inner wheel arch remove four (4) T15 Torx screws.
- Pull inner wheel arch from behind end of bumper.



## Stage 5

- Gently pull flares away from guard, remove one (1) 7mm head screw (per side). Pull away top trim from around light and remove.



## Stage 6

- Disconnect camera harness on passenger side.
- Remove two (2) 10mm head bolts at bottom of grille.
- Pull grille forward to release clips from radiator support.
- Remove grille.



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## Stage 7

- Passenger side, disconnect parking sensor harness connecting bumper to vehicle.



## Stage 8

- Behind inner guard, remove one (1) 15mm head bolt from bumper wing (per side).
- Underside of bumper remove one (1) 18mm head bolts (per side), to remove bumper .



## Stage 9

- In grille opening, remove two (2) 18mm head bolts per side from bumper mount to vehicle. These are accessed from the top.
- Gently remove bumper.





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## Stage 10

- Remove recovery hooks, two (2) 18mm head bolts per side.
- Retain hooks for refitment.



## Stage 11

- Remove infill beside recovery hook hole three (3) 7mm head screws per side. Retain for refitment at a later stage.
- Trim side of bumper to allow mount to exit vehicle as per photo.



## Stage 12

- Remove two centre parking sensors, and fit into housings in protection bar, taking note of direction of sensors, as they need to be positioned in protection bar same direction.
- Extend sensor harness, with 200mm of 3 core wire and joiners provided.
- Feed wiring through sensor holes in bumper, place convoluted 10mm tubing over wiring.



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## Stage 13

- Remove camera from grille, two (2) torx screws.
- Fit camera onto protection bar, two (2) M5 x 20 mm screws, flat washers and nyloc nuts.



## Stage 14

- Extend camera harness by unclipping from grille.
- Run harness down to halfway down grille and feed through grille for connection.
- Re-secure harness to grille.



## Stage 15

- Refit bumper and grille in reverse of steps 2 to 9.



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## Stage 16

- Refit recovery hooks using M12 x 1.75 x 140mm bolts, flat washers. Place bolts so head to inside of chassis rail.
- Place 3mm steel spacer plate to outer side of recovery hook mount then fit protection bar mounting brackets with spacers to chassis.
- Secure using flat washers and nyloc nuts.
- Align hooks and mounts and tighten all bolts



## Stage 17

- Fit protection bar to vehicle using M12 x 1.75 x 40mm bolts, flat washers, spring washers and nuts.
- Align protection bar vertically, to grille from front and evenly spaced from bumper. Tighten all bolts.



## Stage 18

- Trim outer trims to suit mount. Refit to vehicle using original 7mm screws.



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## Stage 19

- Connect camera and parking sensors. Secure parking sensors with zip ties as an extra security measure. Do not over tighten as this could cause intermittent faults.
  - Check all safety features are working correctly.
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# 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 steel mounts	2 - M5 x 20mm screws
2 - 3mm steel spacer plates	4 - M5 flat washers
4- M12 x 1.75 x 140mm bolts	2 - M5 nyloc nuts
6 - M12 x 1.75 x 40 mm bolts	2 - 200mm lengths 3 core wire
20 - M12 flat washers	12 - Solder joiners
6 - M12 spring washers	2 - 250mm lengths 10mm convoluted tube
6 - M12 x 1.75 nuts	2 - 29mm sensor housings (fitted to product)
4 - M12 x 1.75 nyloc nuts	7 - 150mm zip ties

# Finished Product

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# Warranty Registration

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## Contact Details

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

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

\_\_\_\_\_

Product: **NB1C59SY**

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

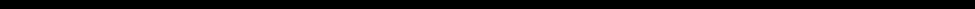
For online registration please go online to [www.ecb.com.au/warranty-registration](http://www.ecb.com.au/warranty-registration)  
If you have any questions please contact our national office on 1800 069 145 or  
[www.ecb.com.au](http://www.ecb.com.au).



**PN: NB1C59SY**  
**Please post to PO Box 122,**  
**Margate QLD 4019**



# Notes

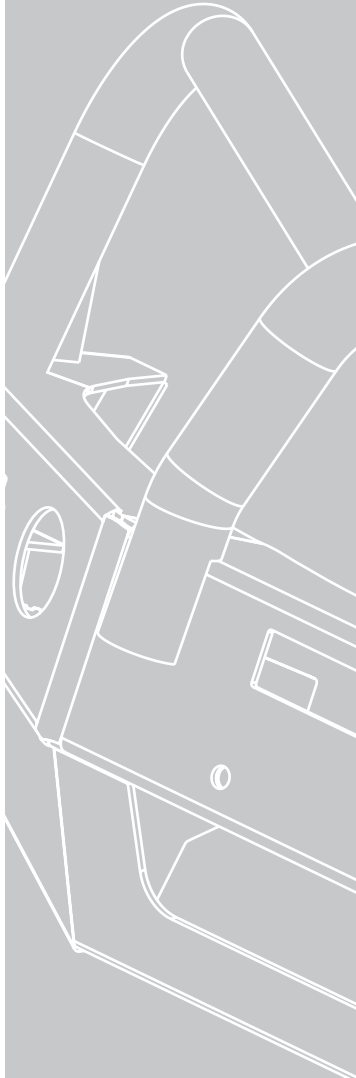


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\_\_\_\_\_ Full Name

\_\_\_\_\_ Date

REPLACES: N/A  
REVISED: 11.09.23



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# **Strongest Built Australian Made Lifetime Warranty**

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