



**Lighter  
Stronger  
Better!**

**Strongest Built  
Australian Made  
Lifetime Warranty**

PN: NB1C58SY



# **Fitting Guide & Owners Manual**

## **CHEVROLET SILVERADO**

### **4/2018 on**

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



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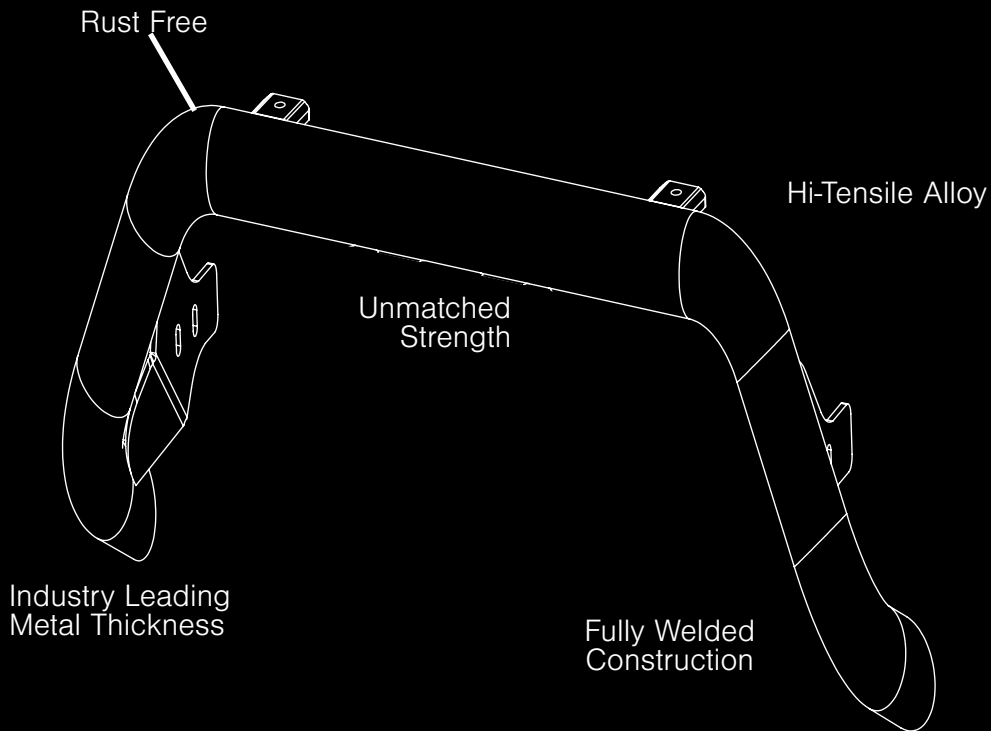
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# The Features of ECB



# 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.

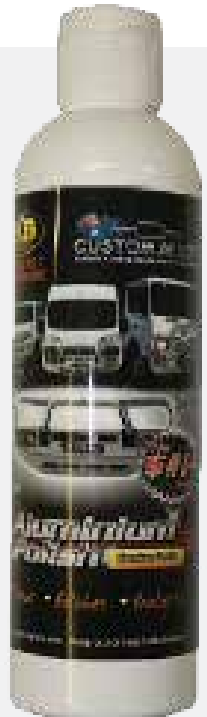
## Powdercoated Products

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 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.



# 100mm Nudge Bar

## 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

- From between headlights, remove twelve (12) plastic push pull clips from radiator cover.



## Stage 3

- Remove four (4) 10mm head bolts from grille.
- Pull grille forward to release clips from radiator support.
- Remove grille from vehicle.



# Chevrolet Silverado 4/18on

## Stage 4

- Under wheel arch remove one torx head screw.
- Pull inner wheel arch from behind end of bumper.



## Stage 5

- Behind inner guard, remove one (1) 15mm head bolt from bumper wing.



## Stage 6

- Under bumper right of center, disconnect wiring harness connecting bumper to vehicle.



# 100mm Nudge Bar

## Stage 7

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



## Stage 8

- Remove bumper from vehicle.
- **CAUTION.** This is a 2 person lift due to weight, size and shape of bumper.



## Stage 9

- Remove eight (8) 15mm head bolts from bumper reinforcement (per side), remove reinforcement to allow access to bumper sensors and wiring.





# Chevrolet Silverado 4/18on

## Stage 10

- Unplug center and outer centre sensors, remove centersensors, outer centre sensors and housing from bumper.
- For centre sensors, extend wiring with wire and solder joiners (supplied).
- For centre outer sensors, remove sheathing from original wiring harness and pull wiring back to opening of tow hook. Retape the wiring harness and return to convoluted tubing.
- NOTE: Overheating of connectors will cause the plastic sheathe 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 11

- Refit reinforcement back into place in the bumper.
- Mark and trim plastic lower of bumper to allow fitment of steel mount.



## Stage 12

- Fit 28mm plastic plugs (supplied) into sensor holes in bumper.



# 100mm Nudge Bar

## Stage 13

- Remove one (1) 18 mm head tow point bolt (per side) from underside of chassis rail, and one 18 mm head nut and bolt from side of rail. Remove tow hook.



## Stage 14

- Fit ECB steel mounting bracket onto end of chassis rail and fit tow hook back into position.
- Align steel mounting brackets ensuring distance between the mounts allows for protection bar mounts to fit to outside.  
**Tighten all bolts.**



## Stage 15

- Refit bumper to vehicle.
- Reroute wiring to run out beside steel mount for sensor in protection bar.



# Chevrolet Silverado 4/18on

## Stage 16

- Fit protection bar onto steel mounting brackets using three (3) M12 x 1.75 x 40mm bolts, flat washers, spring washers and nuts (supplied).
- Align protection bar and **tighten all bolts.**



## Stage 17

- Fit parking sensors into ECB plastic sensor housing until front of sensor is level with front. Ensure silicon ring on front of sensor sits in front of opening.
- Connect parking sensors to wiring and cover wiring with conduit (supplied).
- Using a cable tie (supplied) secure sensor in second hole on housing legs.
- **CAUTION** - Cable tie is for sensor security only. Overtightening zip ties could cause sensors to give mireadings
- Check sensors for correct operation.



## Stage 17

- Attach number plate to the cross plate of the nudge bar.
- Test drive vehicle to ensure parking sensors are operating as per manufacturers requirements.

NOTE: Vehicle needs to be driven above 40 KPH to get sensors to turn off and then reset. Check to ensure parking sensors have reset and re-engaged.

# 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	6 - 500mm lengths single core wire
6 - M12 x 1.75 x 40mm bolts	12 - Solder joiners
12 - M12 flat washers	2 - 500mm length convoluted tube
6 - M12 spring washers	10 - 150mm cable ties
6 - M12 x 1.75 nuts	2 - 28mm plastic plug (ICINSERT28)

# Finished Product

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# Warranty Registration

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## Contact Details

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

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

\_\_\_\_\_

Product:   NB1C58SY  \_\_\_\_\_

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.

## Please Post To:

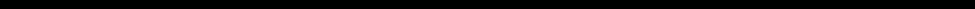
PO Box 122 Margate, QLD, 4019.

## Or Register Online

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



# Notes

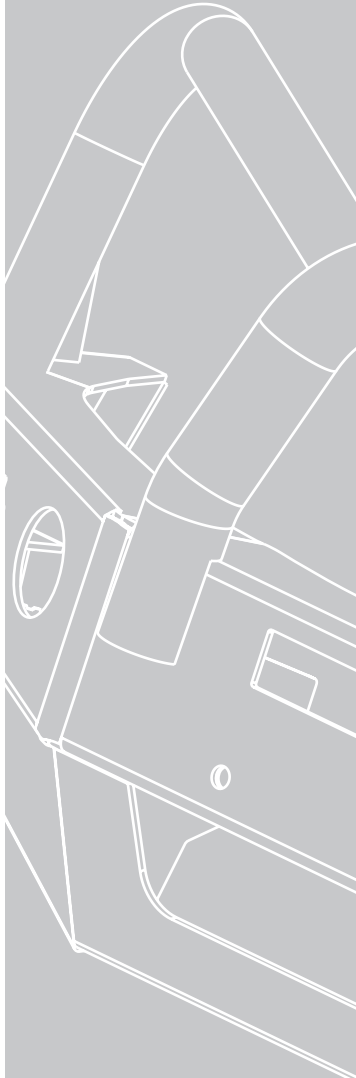


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\_\_\_\_\_   
 Full Name

\_\_\_\_\_   
 Date

REPLACES: NB1C57SY  
REVISED: 07.11.19



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

# **Strongest Built Australian Made Lifetime Warranty**

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