



**WORLD'S BEST  
ALLOY BULLBARS**

**Strongest Built  
Australian Made  
Lifetime Warranty**

**PN: NB6HU62SY, NBHU62SY**

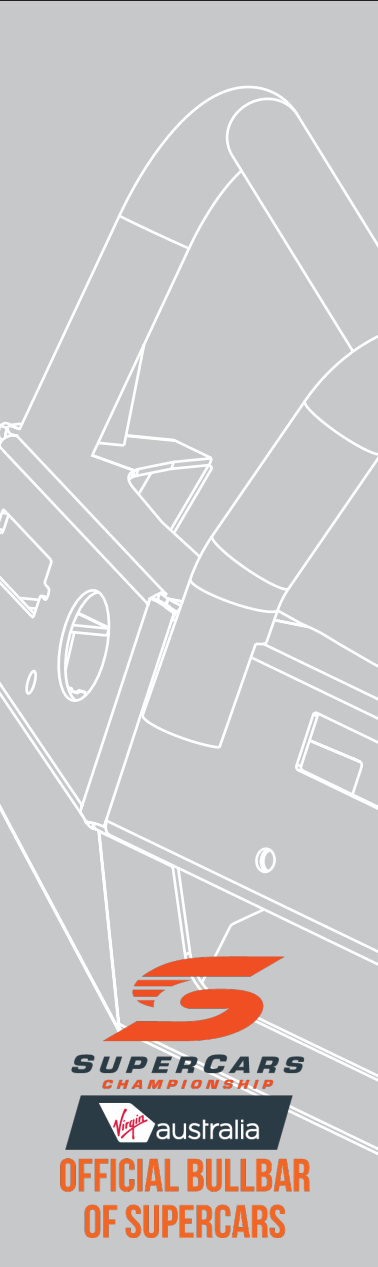


# **Fitting Guide & Owners Manual**

## **HYUNDAI SANTA FE**

### **4/18 on**

63mm Series 2 Nudge Bar and 76mm Nudge Bar  
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)  
FOR AIR BAG & ADR COMPLIANT VEHICLES



**OFFICIAL BULLBAR  
OF SUPERCARS**

Virgin australia

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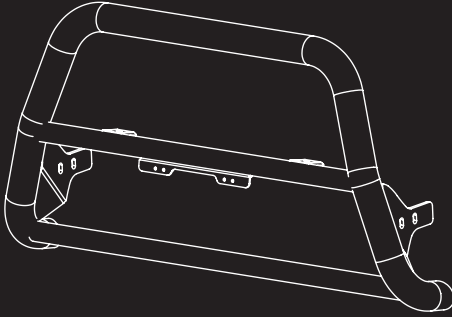
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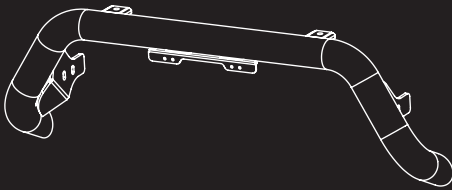
# The Features of ECB

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Fully Welded  
Construction

Industry Leading  
Metal Thickness



# 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.**

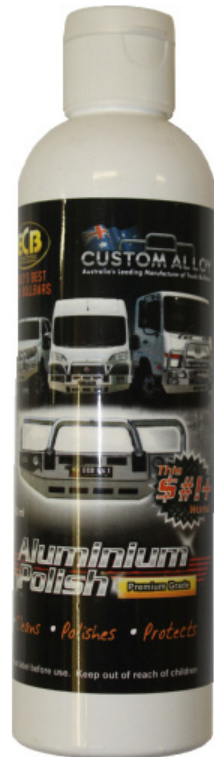
## Powdercoated Products

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.



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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.



## Stage 2

- From between headlights, remove six (6) push pull plastic clips.
- From sides of bumper, remove one (1) 8mm head screw from rear of join to steel guard (per side) and three (3) push pull plastic clips from the inner guard (per side). Disconnect electrics from under right hand side of bumper.
- **NOTE:** Electrics can be accessed beside rear of headlight under bonnet.



## Stage 3

- From front of underbelly guard, remove two (2) push pull plastic clips from corner of bumper and five (5) 10mm head bolts.



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## Stage 4

- Carefully pull sides of bumper out to unclip from plastic mounting clips, then pull forward to unclip from under headlights. Lift radiator top cover (top rear of grille) between headlight to clear radiator cap and headlights. Remove bumper.

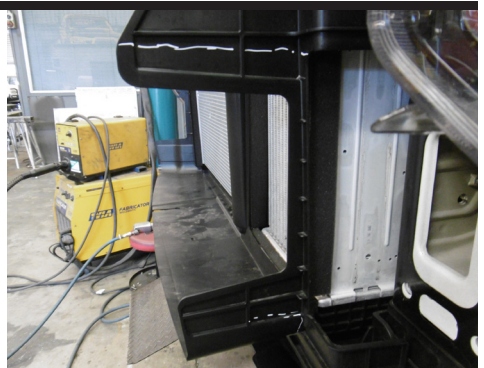


## Stage 5

- Remove 12mm head bolt from horn. Turn horn over a half turn and refit to original bracket.

## Stage 6

- Trim area of radiator air dam to allow fitment of mounts



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## Stage 7

- Measure mounts on Alloy Protection Bar inside of mount to inside of mount.

Series 2 Nudge bar shown in photo.



## Stage 8

- Loosely install ECB steel mounting brackets (supplied) onto front of bumper support, flat plate to rear of bumper support using M10 x 70 bolts, flat washer, spring washers and nuts (supplied) for top holes and M10 x 35 bolts, flat washers, spring washers and nuts (supplied) for lower holes.

**NOTE: Place bolts in mount from rear to front on vehicle**



## Stage 9

- Using measurement previously taken from Alloy Protection Bar, set outside of ECB steel mounting brackets to match. Ensure ECB steel mounting bracket are central to vehicle and tighten ECB steel mounting bracket until front and rear plates meet.



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## Stage 10

- Trim outside sections of lower grille to match mounting of ECB steel mounting brackets

**CAUTION:** This cut needs to be made off your particular vehicle. Photo is to show approximate hole only.

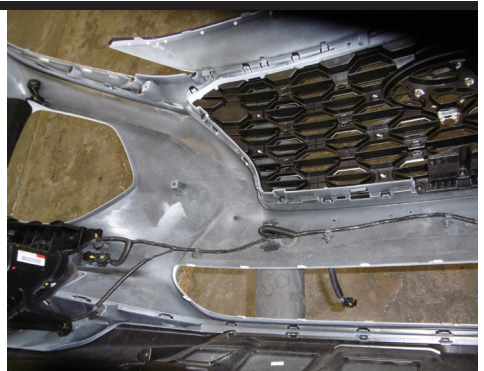


## Stage 11

- Remove polystyrene bumper infill from vehicle.
- Disconnect and remove center bumper sensors from bumper. Uncover wiring.
- Using solder joiners and extension wire (supplied) extend center parking sensors to allow fitment to Protection Bar.

**NOTE:** Run wiring through bumper before resoldering connectors to wiring.

- Cover wiring using convoluted tubing (supplied)



## Stage 12

- Trim polystyrene bumper infill to fit around steel mounting brackets.



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## Stage 13

- Refit plastic bumper to vehicle as per reverse of steps 2 and 3.

Do not refit underbelly guard at this stage.



## Stage 14

- Install Camera into camera holder using three (3) 8g x 12 self drilling screws (supplied).
- Install parking sensors into ECB sensor mounts.



## Stage 15

- Fit ECB protection bar to outside of ECB steel mounting brackets using four (4) M10 x 35 bolts, flat washers, spring washers and nuts (supplied).  
**Note:** Rear holes are accessible from under vehicle behind plastic bumper. Finger tighten only.

- Align ECB protection bar to front of vehicle.
- Tighten all bolts



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## Stage 16

- Run camera wiring through grille in appropriate place. Connect to original wiring.
- **NOTE:** Ensure wiring does not rub on any sharp edges and over with convoluted tubing (supplied).
- Fit camera cover (supplied) to front of camera housing using two (2) 8g x 12 self drilling screws (supplied).
- Connect parking sensor wiring.



## Stage 17

- Refit underbelly guard using original equipment bolts.



## Stage 18

- Check all sensors work correctly.
- Road test to ensure sonar unit is working correctly.

# Final Checks & Fitting 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. **Insure 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.

### Fitting Kit

1 - Pair ECB steel mounting brackets (4 Pieces)	12 - M10 x 1.5 nuts
1 - Camera cover	5 - 8g x 12mm self drilling screws
4 - M10 x 1.5 x 70mm bolts	12 - Solder joiners
8 - M10 x 1.5 x 35mm bolts	6 - 200mm length, single core wire
24 - M10 flat washers	3 - 250mm length 10mm convoluted tubing
12 - M10 spring washers	

# Finished Product

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# Official Bullbar of SuperCars

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## Join us this year!

The first turbo diesel dual-cab SuperUtes were unveiled on Thursday 6th July in Townsville with confirmation that six different models are available for teams to race in the 2018 Series.

East Coast Bullbars (ECB) was confirmed as naming rights partner of the ECB SuperUtes Series from 2018 onwards, continuing its association with the hugely popular Utes racing category in Australia.

ECB is the Official Bullbar of the Supercars Championship and also the naming rights sponsor of the ECB V8 Utes in 2017.

“We are incredibly proud to be the naming rights partner for the inaugural ECB SuperUtes Series which will showcase our world class product in what is one of the largest segments in the Australian automotive industry,” said Ray Smith-Roberts, Managing Director – East Coast Bullbars

Keep an eye out for ECB at SuperCars events near you!

# Warranty Registration

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## Contact Details

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

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

\_\_\_\_\_

Product: \_\_\_\_\_

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.

## 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).



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**Please post to PO Box 112, Margate QLD 4019**

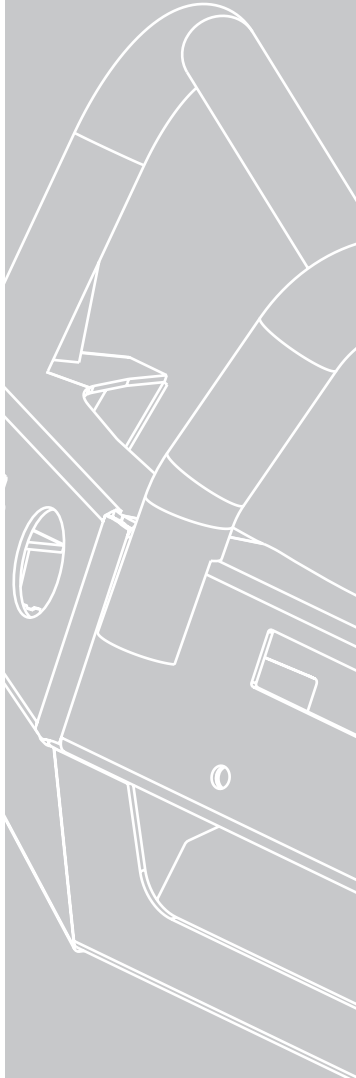








REPLACES: N/A  
REVISED: 11.10.18



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

# **Strongest Built Australian Made Lifetime Warranty**

29 Snook St, Clontarf QLD 4019  
PO Box 122, Margate QLD 4019