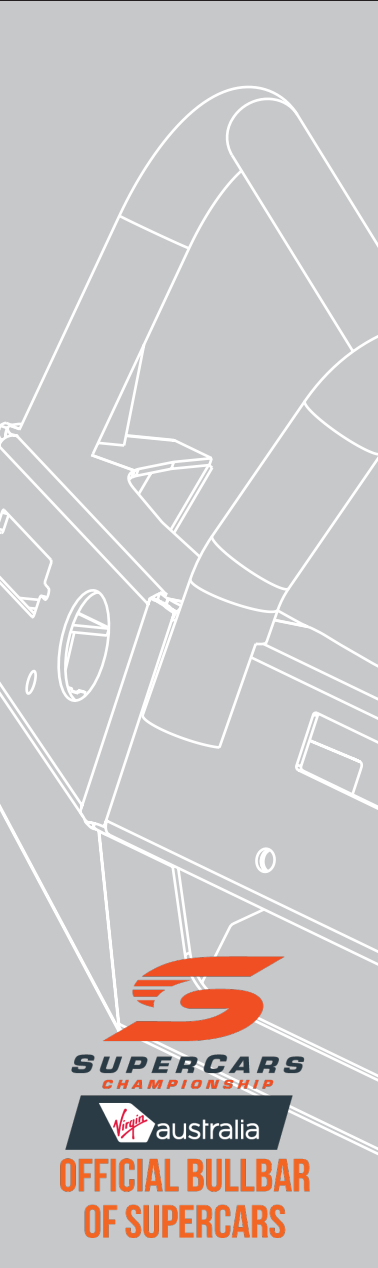




**WORLD'S BEST
ALLOY BULLBARS**

**Lighter
Stronger
Better!**



PN:NB6K52SY



Fitting Guide & Owners Manual

Kia Sorento

5/18 on

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

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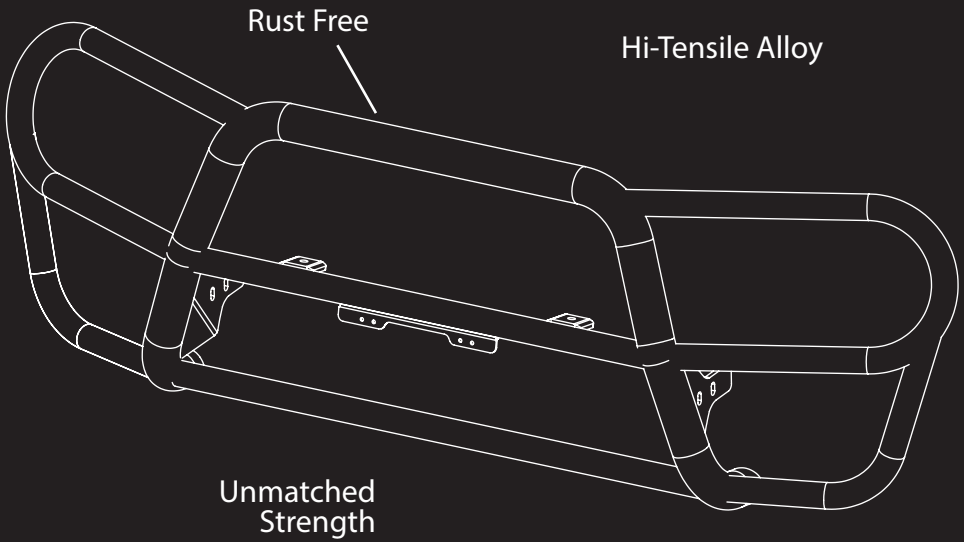
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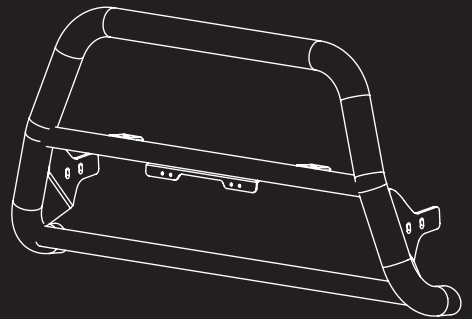
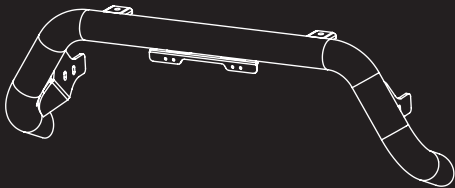
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Current Promo - Official Bullbar of SuperCars

The Features of ECB



Industry Leading
Metal Thickness



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 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 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

- Remove two (2) 10mm head bolts from outer edge of grille, four (4) black push pull clips from top of radiator panel, one (1) phillips screw from rear wing (per side). Six (6) 10 mm head bolts from underside of bumper, three (3) push pull clips from front of guard liner per side. Unplug bumper lights and parking sensors if required. Carefully pull out on rear wing to unclip away from guard, pull forward to unclip away from headlight and remove bumper from vehicle.



Stage 3

- Remove lower stiffener, two (2) 10mm head nuts (per side).



63mm Nudge Bar

Stage 4

- Remove lower half of air dams to allow ECB steel mounting brackets to fit, six (6) 10 mm head bolts and three (3) push pull clips.



Stage 5

- Working on one side at a time, remove one (1) 10mm head nut and four (4) 12mm head bolts and slide ECB steel mounting bracket (supplied) between front bumper support and chassis rail.
- Refit using four (4) M8 x 30 bolts, spring washers and flat washers (per side) (supplied) and original equipment 10mm head nut.



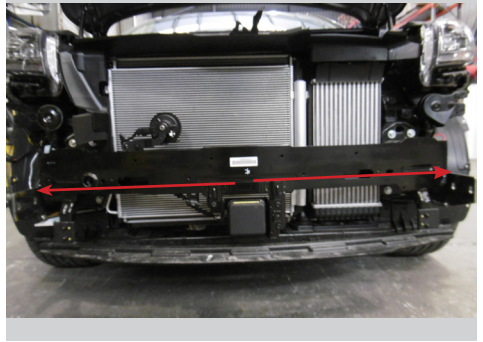
Stage 6

- Repeat step 5 for other side of vehicle.

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Stage 7

- Align ECB steel mounting brackets to suit measurement from inside of ECB alloy protection bar and centralise to vehicle. Tighten all bolts.



Stage 8

- Refit lower stiffener using original nuts.
- Re-install lower air dams using original clips.



Stage 9

- Remove outer plastic vent for steel mount to protrude through.
- Reinstall screw back to grille.

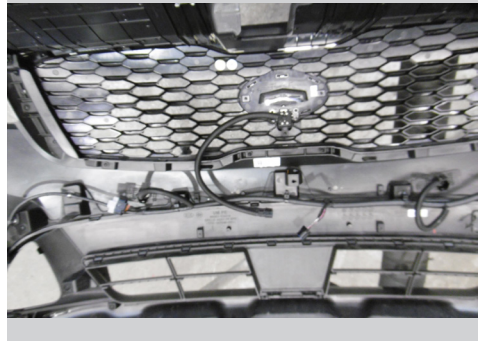


63mm Nudge Bar

Stage 10

- Remove inner sensors from bumper and extend using the 5 core wires and solder connectors (supplied) before refitting into protection bar.

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.



Stage 11

- Extend camera wiring loom with 5 core wire extensions and solder joiners (supplied). Remove camera housing from bumper and disassemble, remove locator from plug to allow plug to fit into camera hole in grille.

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.



Stage 12

- Fix camera onto protection bar with original equipment screws.
- Install camera cover (supplied) to mount and afix using two (2) self tapping screws (supplied).



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Stage 13

- Refit bumper in the reverse step of 2.



Stage 14

- Fit ECB protection bar onto steel mounting brackets using bolts using four (4) M10 x 40 bolts, spring washers, flat washers and nuts (supplied).
- Align protection bar to front of vehicle and tighten all bolts. Refer to finished product photos on page 12.



Stage 15

- Check parking sensors and camera for correct operation.

Final Checks & Fitting 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. 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	8 - M10 flat washers
1 - Camera cover	4 - M10 spring washers
8 - M8 x 30 bolts	4 - M10 x 1.5 nuts
8 - 5/16 x 1" flat washers	3 - 300mm length, 5 core wire
8 - M8 spring washers	30 - Solder joiners
4 - M10 x 1.5 x 40 bolts	2 - 8g x 12 self drilling screws

Finished Product



Warranty Registration

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. If you have any
questions please contact our national office on 1800 069 145 or www.ecb.com.au.



PN: NB6K52SY

Please post to PO Box 112, Margate QLD 4019

Official Bullbar of SuperCars



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.

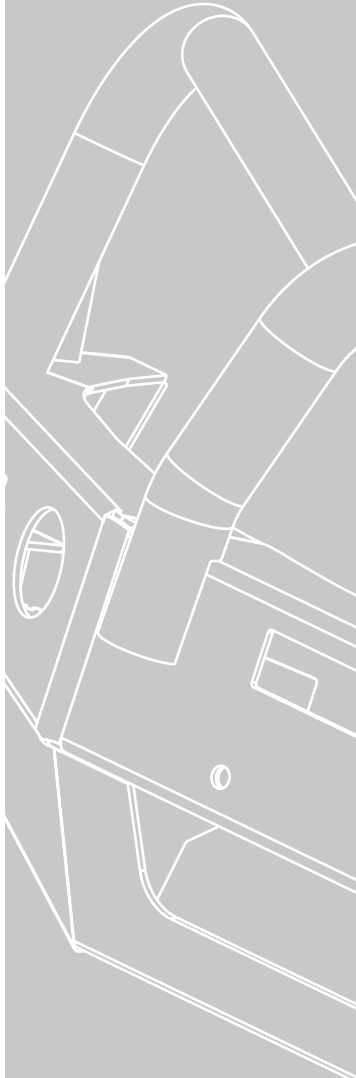
East Coast Bullbars (ECB) was confirmed as naming rights partner of the ECB SuperUtes Series from 2018 onwards, continuing its association with the hugely popular Utes racing category in Australia.

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!

REPLACES: N/A
REVISED: 23.08.18



1800 069 145
www.ecb.com.au

Strongest Built Australian Made Lifetime Warranty

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