



**Lighter  
Stronger  
Better!**

**Strongest Built  
Australian Made  
Lifetime Warranty**

**PN:BHO61SY**

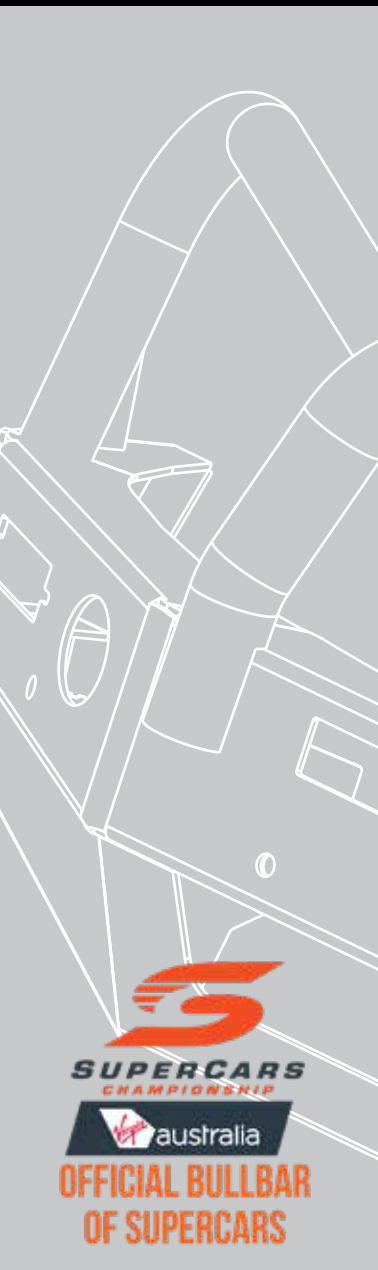


# **Fitting Guide & Owners Manual**

**HONDA CRV**

**04/2019**

Big Tube Bar with Bumper Lights  
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)  
FOR AIR BAG & ADR COMPLIANT VEHICLES



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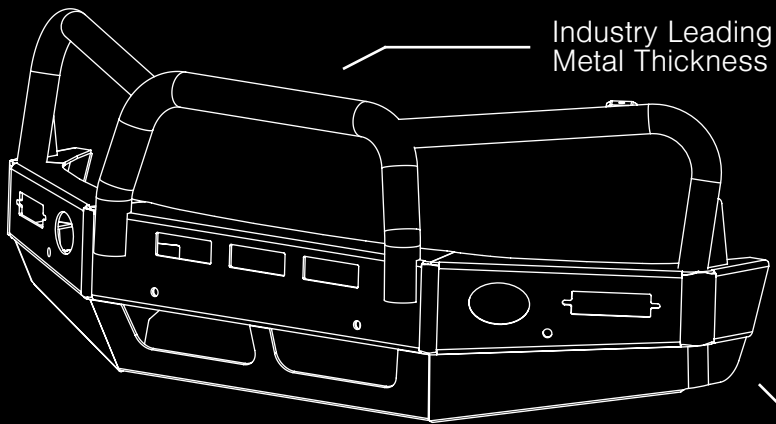
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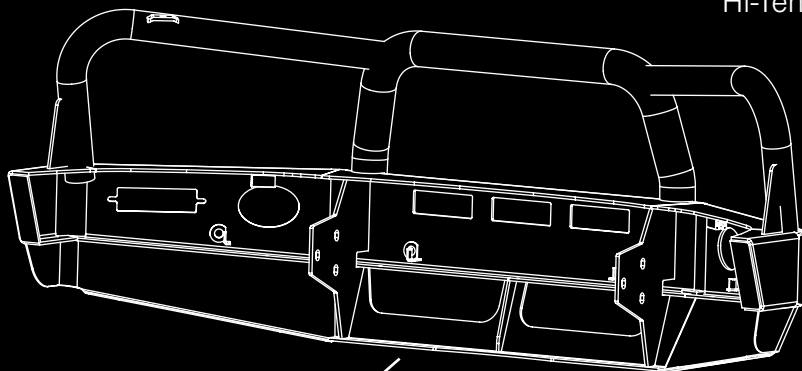
Warranty Card

# The Features of ECB

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Industry Leading  
Metal Thickness



6mm Thick  
Hi-Tensile Alloy

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 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.
- Ensure these instructions are left with the vehicle owner and/or operator.



## Stage 2

- Remove eight (8) push/pull clips from top of radiators and remove trim.
- Remove six (6) push/pull clips from bottom of grille to bumper, pull grille forwards to remove.



## Stage 3

- Remove nine (9) push/pull clips from under side of bumper.



# Honda CRV

## Stage 4

- Remove one (1) push/pull clip and one (1) phillips head screw from wheel arch (per/side).



## Stage 5

- Pull out on wheel arch mould to release clips from bumper.
- Remove one (1) phillips head screw from rear wing to guard.



## Stage 6

- Pull out on rear wing to release clips from guard and forward to unclip under headlight.
- Unplug fog lights (per/side) and bumper sensor wiring harness on passenger side and remove bumper.



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## Stage 7

- Remove five (5) 14mm head bolts from bumper reinforcement (per/side), unplug air temperature sensor and remove bumper reinforcement.



## Stage 8

- Fit ECB steel mounting bracket (supplied) onto end of chassis rails and fix with original equipment bolts.
- Fit air temperature sensor to the washer on the under side of steel mounting bracket and connect wiring.



## Stage 9

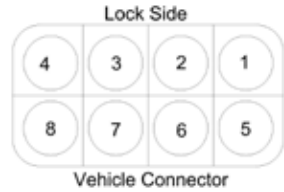
- Remove parking sensors and wiring harness from bumper and relocate into protection bar with zip ties (supplied).





## Stage 10

- Splice ECB wiring harness into wiring harness behind headlight using cable locks (supplied). Ensure harness is clear of sharp edges and moving parts.
- Splice wiring harness into fog light wiring using cable locks (supplied).



Pin Number	Colour	Use
1	Black	Ground
2	Light blue	Indicator
3	Yellow	DRL
4	Purple	Parkers

## Stage 11

- Using a die grinder or a similar tool, carefully enlarge passenger side outer sensor hole for wiring plug to fit through.



## Stage 12

- Mask area of bumper to be trimmed.
- Measure template to ensure correct sizing as printers and printer settings vary, templates maybe out of scale. Using sharp scissors or similar, cut template out.
- Using template provided mark bumper.
- Check measurement of the steel mounting bracket against bullbar and bumper. Carefully cut bumper to fit over steel mounting bracket using a jigsaw or similar.



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## Stage 13

- Carefully remove sonar unit from mount by unscrewing rear plastic lugs and lever out gently on unit to unclip from locaters. Relocate it onto ECB alloy sonar mount (supplied) using original equipment.
- Ensure ECB plastic protector cover (supplied) is fitted to outer front side of alloy mount using two (2) M5 X 20 bolts, flat washers and nyloc nuts (supplied).



## Stage 14

- Extend sonar wiring harness with 200mm length of single core wire and solder joiners (supplied).
- Cover with convoluted tube (supplied).
- 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 solid for good join.



## Stage 15

- Refit bumper in the reverse of step 2 to 6.



## Stage 16

- Fit sonar and mount into protection bar using four (4) M6 x 20mm Bolts, flat washers and nyloc nuts (supplied).



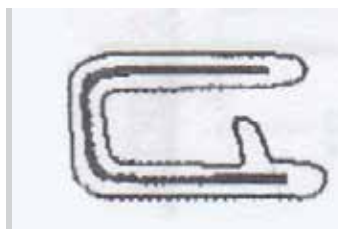
## Stage 17

- Fit LED park/indicator into protection bar using instructions from indicator box.



## Stage 18

- Attach 6mm clip lock trim (supplied) to top of ECB protection bar. NOTE: Trim off lower edge on an angle so trim will sit flush with end of protection bar.



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## Stage 19

- Fit protection bar onto steel mounting bracket (plug in sonar unit while bar is slightly away from vehicle) using three (3) M12 x 1.75 x 40mm bolts, flat washers, spring washers and nuts (per side)(supplied).
- Align protection bar and **tighten all bolts.**
- Connect indicators and parking sensor wiring harness.



## Stage 20

- Attach ECB fog lights to protection bar. Place M6 x 20 bolts, spring washers (supplied) through light mount from inside and attach nut to top. Slide assembly into light mount in Protection bar and centralize light to hole. **TIGHTEN FIRM ONLY.**
- Install fog light surrounds (supplied) to fog light openings. Large side of surround to inside of opening on lights.
- Connect fog lights



## Stage 21

- Test all electrical equipment for correct operation.
- Test drive vehicle to ensure all driver assists are correctly working.

# 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- ECB steel mounting bracket	4 - M5 flat washers
1 - Sonar mount	2 - M5 nyloc nuts
1 - Plastic sonar cover	1 - ECB indicator/ park light / DRL kit
6 - M12 x 1.75 x 40mm bolts	1 - ECB fog light kit
12 - M12 flat washers	12 - Cable locks
6 - M12 spring washers	2 - Fog light surrounds
6 - M12 x 1.75 nuts	6 - 200mm lengths single core wire
6 - M6 x 20mm bolts	12 - Solder joiners
8 - M6 Flat washers	1 - 200mm length 10mm convoluted tube
2 - M6 spring washers	1 - 2300mm length 6mm clip lock trim
2 - M6 nuts	4 - 300mm long zip ties
4 - M6 nyloc nuts	15 - 150mm long zip ties
2 - M5 x 20mm bolts	

# Finished Product

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# 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.

## Please post to:

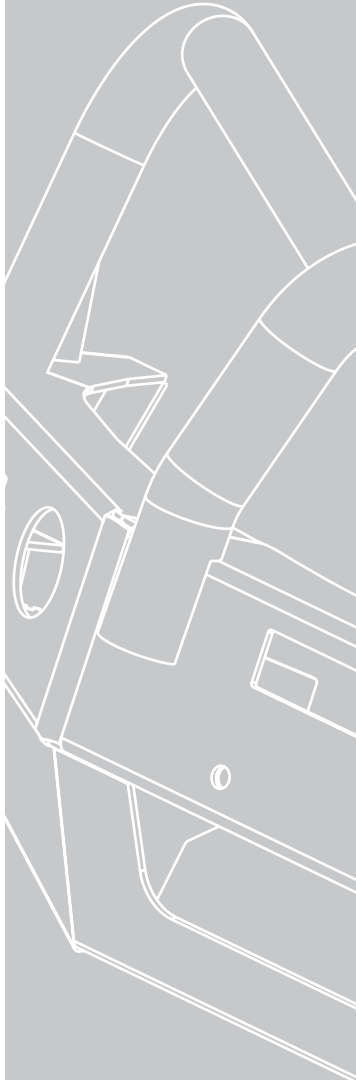
PO Box 122, Margate, QLD 4019

## Or 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).



REPLACES: N/A  
REVISED: 24.09.19



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

# **Strongest Built Australian Made Lifetime Warranty**

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