



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN:BHU72SY



Fitting Guide & Owners Manual Hyundai i-load 03/2018 on

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



Index

Pages 3-5

ECB's Benefits
Product Care

Pages 6-7

Stage 1 - Vehicle Preparation
Stage 2 - Bumper removal
Stage 3 - Polystyrene infill removal
Stages 4 to 6 - Steel mount installation

Pages 8-9

Stage 7 to 9 Steel mount installation
Stage 10 - Protection Bar Electrics
Stages 11 to 13 - Bumper Preparation

Pages 10-11

Stage 14- Bumper refitment
Stages 15 to 16 - Protection Bar preparation
Stages 17 to 18 - Protection bar fitment

Pages 12-13

Stages 18 to 19 - Under belly fitment and completion checks
Stage 20 - Clip lock trim fitment
Final Checks & Fitting Kit

Pages 14-15

Finished Product
Warranty Registration

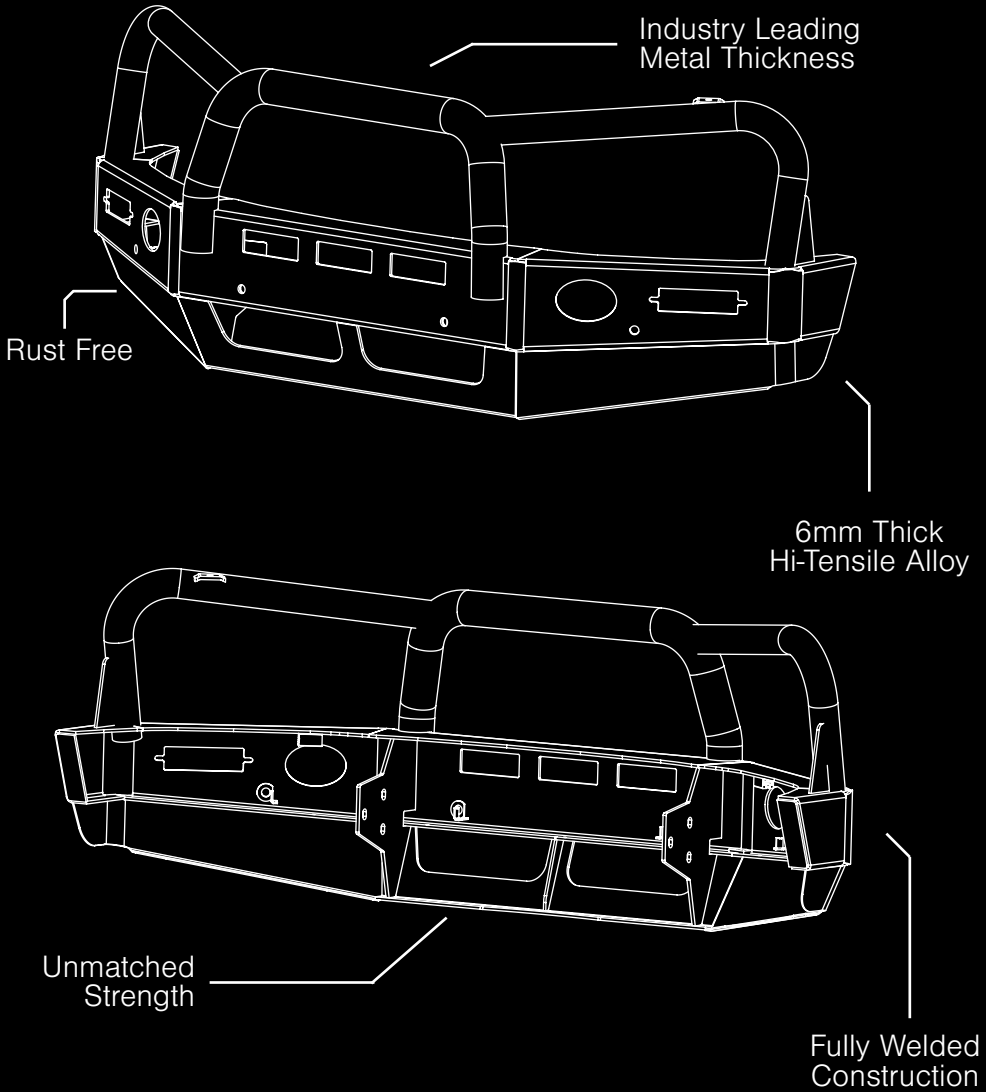
Pages 16-17

Warranty Registration continued
Notes

Pages 18-19

Notes

The Features of ECB



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 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

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.**

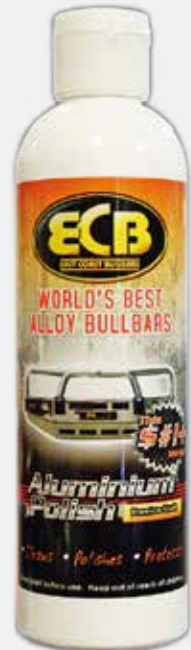
Powdercoated Products

Our powdercoated finishes are very low maintenance. 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.



Big Tube 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

- Remove bumper. Three plastic PK screw clips from underside front of bumper, two plastic PK screw clips from front of inner wheel arch(per side), one 10mm head bolt from rear of wing into guard (per side), ten plastic screw clips across top of bumper to radiator support.
- Carefully pull sides of bumper out and then forward to remove from clips in guard and under headlight. Swing lower edge of bumper forward and lift to remove.



Stage 3

- On passenger's side, remove four 12mm head bolts from bumper support bracket. Slide steel mounting bracket (supplied) behind bumper support bracket.
- Refit bumper support bracket through steel mounting bracket using two M8 x 30mm bolts, flat washers and spring washers (supplied) to outside holes only.
- Repeat for driver's side.



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Stage 4

- Align steel mount brackets to vehicle using the inner measurement on the protection bar's alloy mounts, to the outside of the steel mounting brackets attached to vehicle.



Stage 5

- Drill two 10mm holes (per side) using steel mounting brackets as a guide. One at front through bumper support bracket and other through lower radiator support, taking care not to hit intercooler (on turbo diesel vehicles). Hole in lower radiator support should come out on inside between bolts to hold lower mount of tow hook thread. Care must be taken on passenger's side to not hit vehicle wiring harness.
- **NOTE: All filings must be blown out and bare metal treated using paint or a rust**



Stage 6

- Using M10 x 25 bolts and washers on 200mm wire, flat washers, spring washers and nuts (supplied), attach steel mounting brackets to bumper support bracket.inhibitor.

Big Tube Bar

Stage 7

- On driver's side, remove previously installed M8 x 30 bolts through bumper support bracket. Wedge bumper support away from vehicle to allow access to previously drilled hole. Enlarge hole using a die grinder or similar, to allow fitment of 17mm diameter x 30mm inner tube (supplied).
- NOTE: All filings must be blown out and bare metal treated using paint or a rust inhibitor.



Stage 8

- Install M10x 70 bolt from inside of radiator support, inner tube from outer side. Refit bumper support ensuring inner tube stays behind steel mounting bracket. Repeat for other side.

Stage 9

- Install inner M8 x 30 bolts, spring washers, flat washers and M10 flat washers (supplied) into bumper support. **TIGHTEN ALL BOLTS**



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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.

Stage 11

- Lay bumper skin face down on a soft cloth.
- Using long nose pliers, Squeeze plastic clips on either end to remove polystyrene infill.



Stage 12

- Using inner measurement of steel mount, mark the grille for cut. Ensure marking is central to the grille and hole size is large enough in width to take ECB steel mount and alloy mount together. Cut height is through grille and into bumper above grille by 40mm.

Big Tube Bar

Stage 13

- Remove fog light if fitted from the grille area by removing 4 screws from the back.
If there is blanks fitted drill a 17mm hole through the top of each fog light blank.

Stage 14

- Refit bumper to vehicle as per reverse of stage 2 except for attaching the bottom of the bumper to the underbelly guard and run wiring harness out of fog light holes.

NOTE: This is to allow easy access to the rear bottom bolt when attaching the protection bar.

Stage 15

- Fit LED indicator / park lights (supplied) into protection bar as per instructions supplied with the LED indicator kit.

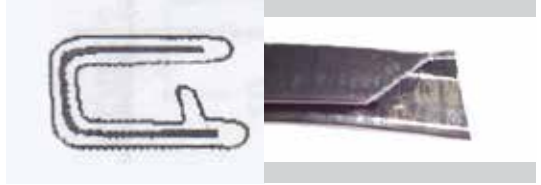
NOTE: Ensure park light is to outside.



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Stage 16

- Fit 6mm clip lock trim (supplied) to rear of protection bar.
- Trim underside of each end to allow top of clip lock to cover to end of protection bar.



Stage 17

- Fit protection bar to outside of steel mounting brackets. Use M12 X 40 bolts, flat washers, spring washers and nuts (supplied).

FINGER TIGHTEN ONLY.

- Align protection bar with vehicle.

TIGHTEN ALL BOLTS/NUTS.



Stage 18

- Refit bottom of the bumper onto the underbelly guard using original equipment PK screw clips.

Big Tube Bar

Stage 19

- Connect lights and check for correct operation.

Stage 20

- Neatly fit 6mm clip lock trim (supplied) outer holes in protection bar skirt. Place join to centre of inner flat edge for ease of fitment.
- Gently insert round surround (supplied) into oblong hole in skirt. Wider edge to outer edge of hole.



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 mounting brackets	2 - M10 x 1.5 x 70mm bolts
6 - M12 x 1.75 x 40mm bolts	8 - M10 flat washers
12 - M12 flat washers	4 - M10 spring washers
6 - M12 spring washers	4 - M10 x 1.5 nuts
6 - M12 x 1.75 nuts	2 - 10NB x 30mm spacer tube
8 - M8 x 1.25 x 30m bolts	1 - LED Indicator / Park light kit (ICLED104ECB)
8 - M8 flat washers	1 - Quick Click Indicator / Park Kit (IC08ILOECB100H)
8 - M8 spring washers	1 - 2300mm length 6mm clip lock trim
2 - M10 x 1.5 x 25mm bolts and washers on 300mm wire	2 - 70mm lengths 6mm clip lock trim
	2 - Foglight surrounds

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **BHU72SY** _____

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

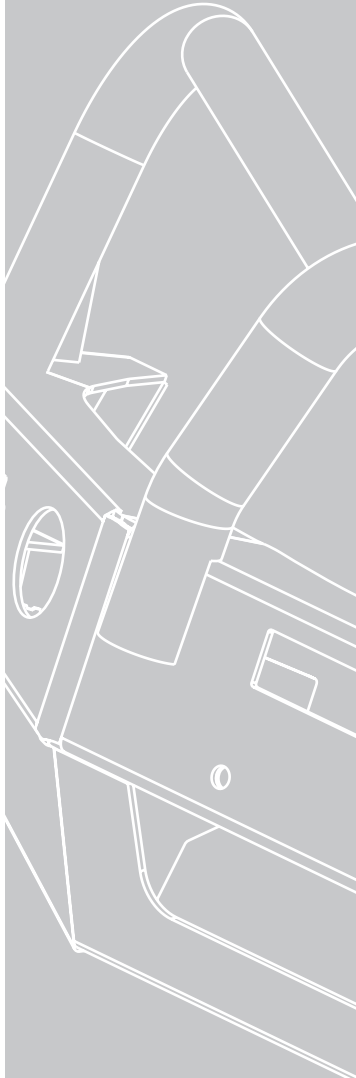
For online registration please go online to www.ecb.com.au/warranty-registration
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.



PN: BHU72SY
Please post to PO Box 122,
Margate QLD 4019

REPLACES: 04.02.19

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1800 069 145
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Strongest Built Australian Made Lifetime Warranty

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