



**Strongest Built
Australian Made
Lifetime Warranty**

PN:BHU73SY



Fitting Guide & Owners Manual

Hyundai iMax Active/Elite

03/2018 on

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

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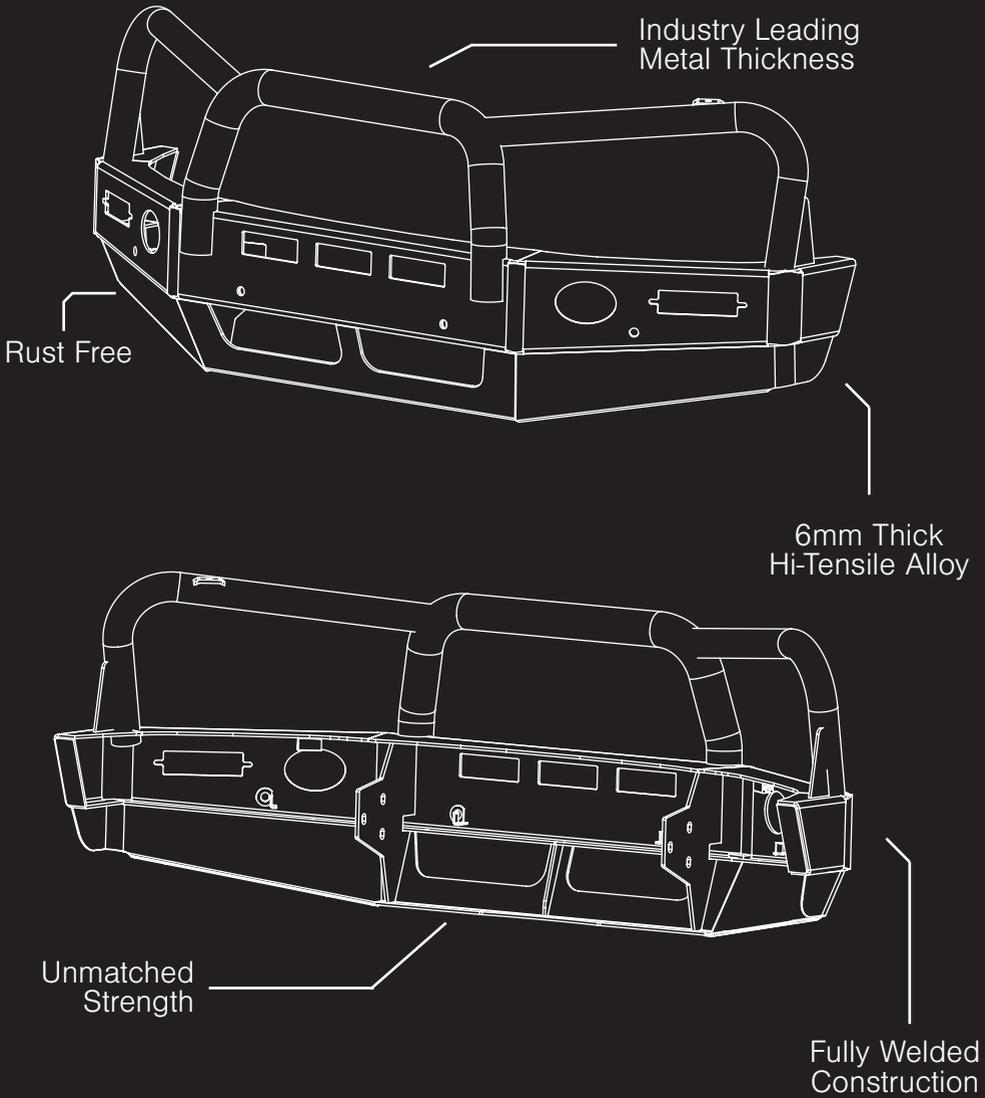
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The Features of ECB



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 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 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. 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 bars 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 owner / operator of this vehicle.



Stage 2

Remove:

- Nine (9) plastic PK screw clips from underside front of bumper
- Three (3) plastic PK screw clips from front of inner wheel arch (per side).
- One 10mm head bolt from rear of wing into guard (per side).
- Carefully pull sides of bumper out and disconnect fog light harness each side.



Stage 3

- Remove six (6) plastic PK clips from top of bumper.
- Remove bumper, forward to remove from clips in guard and under headlight. Swing lower edge of bumper forward and lift to remove.



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Stage 4

- 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 four (4) M8 x 1.25 x 30mm bolts, flat washers and spring washers (supplied).
- Repeat for driver's side.
- Do not tighten bolts at this stage.



Stage 5

- Align steel mounting 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.
- Ensure mounts are central to the vehicle.
- **Firmly tighten all bolts.**

NOTE: these bolts are removed later in the fitment to secure other bolts then refitted.



Stage 6

- 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: Blow filings clear and treat all exposed metal with a rust inhibitor.



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Stage 7

- Using M10 x 1.5 x 25mm bolts and washers on 200mm wire, flat washers, spring washers and nuts (supplied), attach steel mounting brackets to bumper support bracket.



Stage 8

- 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 9

- Install M10 x 1.5 x 70mm bolt (supplied) 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 10

- Install inner M8 x 1.25 x 30mm bolts, spring washers, flat washers and M10 flat washers (supplied) into bumper support.
- **TIGHTEN ALL BOLTS**



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Stage 11

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

| Pin Number | Use |
|------------|---------------|
| 1 | Indicator |
| 4 | Ground |
| 5 | Parking light |



NOTE: Looking from rear of connector on vehicle side.

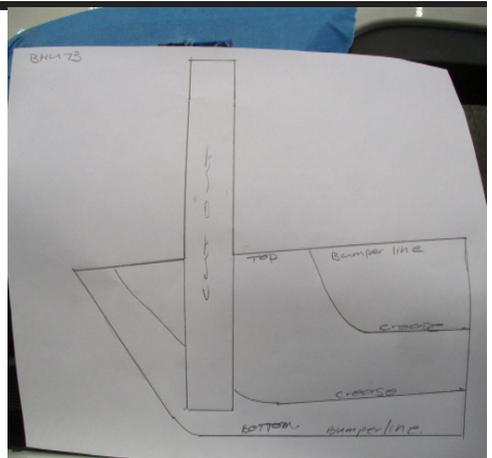
Stage 12

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



Stage 13

- Mask bumper grille area to avoid damage.
- Using inner measurement of steel mounting bracket and template (supplied), mark the grille for cut. Ensure marking is central to the grille and hole size is large enough in width to take ECB steel and alloy mounting brackets together. Cut height is through grille and into bumper above grille by 40mm.
- Double check measurements before trimming and ensure all trims are neat and tidy.



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Stage 14

- Remove fog light if fitted from the grille area, 4 screws from the rear of light.
- If there are blanks fitted, drill a 17mm hole through the top of each fog light blank.



Stage 15

- Refit bumper to vehicle as per reverse of stage 2.
- Do not attach the bottom of the bumper to the underbelly guard at this stage.
- 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 16

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

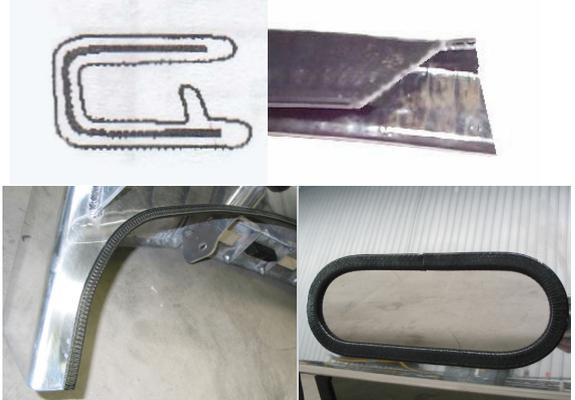
NOTE: Ensure park light is to top.



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Stage 17

- 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.
- 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.



Stage 18

- Fit protection bar to outside of steel mounting brackets using M12 x 1.75 x 40mm bolts, flat washers, spring washers and nuts (supplied). **FINGER TIGHTEN ONLY.**
- Align protection bar with vehicle.
- **TIGHTEN ALL BOLTS.**



Stage 19

- Attach ECB bumper 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 bumper light surrounds (supplied) to opening with large side of surround to inside.



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Stage 20

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



Stage 21

- Connect lights and check for correct operation.

Final Checks

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 - Drivers side mounting bracket | 8 - M8 - Flat washers |
| 1 - Passengers side mounting bracket | 8 - M8 Spring washers |
| 6 - M12 x 1.75 x 40mm bolts | 2 - M6 x 20mm bolts |
| 12 - M12 flat washers | 2 - M6 spring washers |
| 6 - M12 spring washers | 2 - M6 nuts |
| 6 - M12 x 1.75 nuts | 2 - 10NB x 30mm spacer tube |
| 2 - M10 x 1.5 x 70mm bolts | 1 - LED Indicator / Park light kit |
| 2 - M10 x 1.5 x 25mm bolts and washers on 300mm wire | 6 - Cable locks |
| | 1 - Fog light kit |
| 8 - M10 flat washers | 1 - Quick Click Kit (IC10D40S1004ECBH) |
| 4 - M10 spring washers | 1 - 2300mm length 6mm clip lock trim |
| 4 - M10 x 1.5 nuts | 2 - 700mm lengths 6mm clip lock trim |
| 8 - M8 x 1.25 x 30mm bolts | 4 - Bumper light surrounds |

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **BHU73SY** _____

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.

Or Post To

PO Box 122 Margate QLD 4019



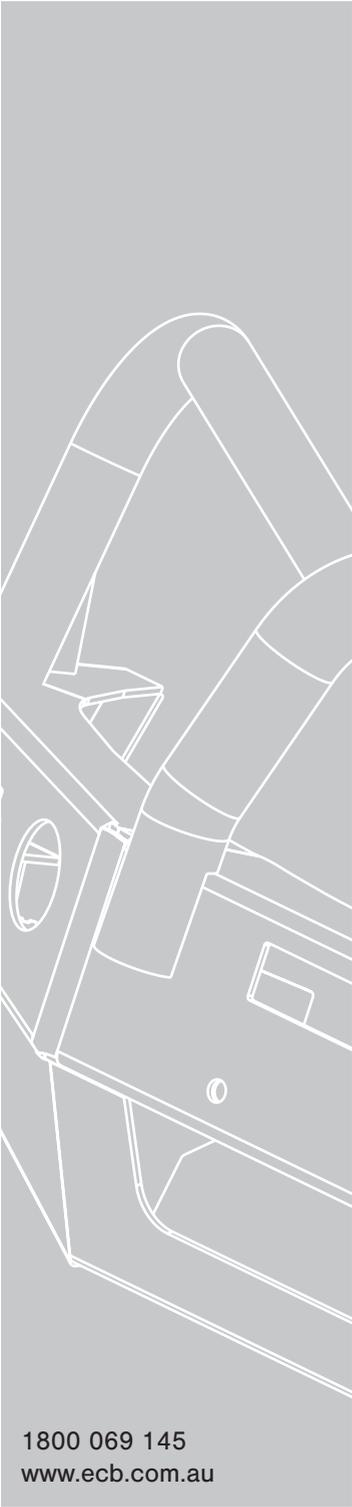
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Revisions:

29.08.23 - Remove Supercars, change ECB logo

- Kevin



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