



**Lighter
Stronger
Better!**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: BH132SY



Fitting Guide & Owners Manual

HOLDEN ACADIA

05/2019 ON

Big Tube Bar with Bumper Lights
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 Testing and Preparation
Stage 2 - Remove grill
Stage 3 - Wheel arch
Stage 4 - Underside bumper
Stage 5 - Disconnect wiring
Stage 6 - Remove bumper

Pages 8-10

Stage 7 - Disconnect camera
Stage 8 - Fittment mount
Stage 9 - Support bracket
Stage 10 - Camera removal
Stage 11 - Camera fittment
Stage 12 - Removal harness

Pages 11-12

Stage 13 - Sensor fittment
Stage 14 - Grill trim
Stage 15 - Fog lights
Stage 16 - Wiring lights
Stage 17 - Bumper refittment
Stage 18 - Indicator fitment

Pages 13-14

Stage 19 - Fog light fittment
Stage 20 - Clip lock trim
Stage 21 - Protection bar fittment
Stage 22 - Sonar fittment
Stage 23 - Camera/ Sonar connection

Pages 14-15

Final Checks & Fitting Kit
Finished Product
Warranty Registration

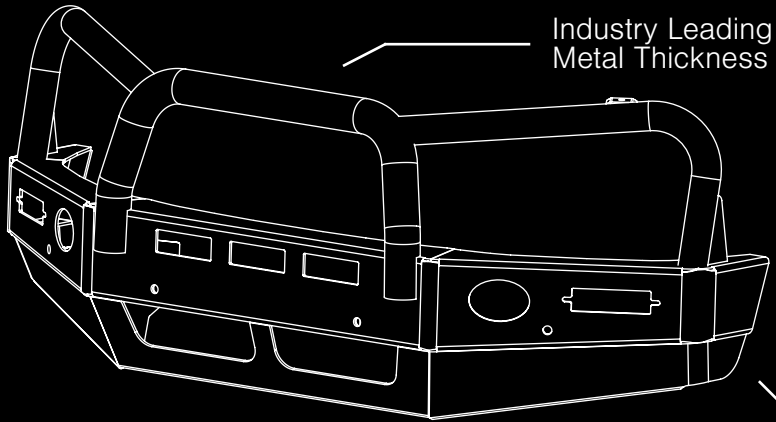
Pages 16-17

Warranty Registration

Pages 18-19

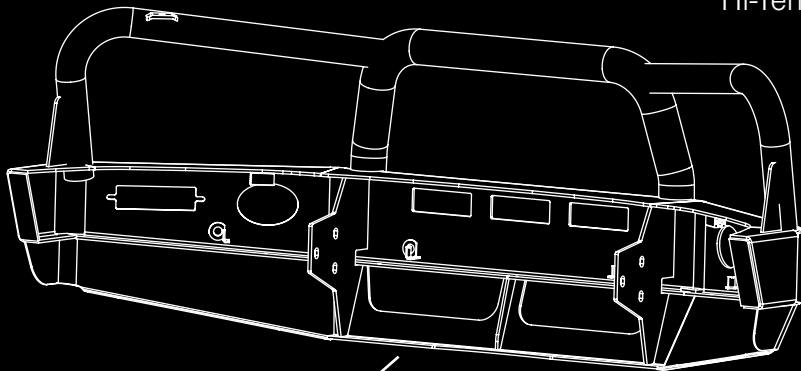
Notes

The Features of ECB



Industry Leading
Metal Thickness

6mm Thick
Hi-Tensile Alloy



Unmatched
Strength

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 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.

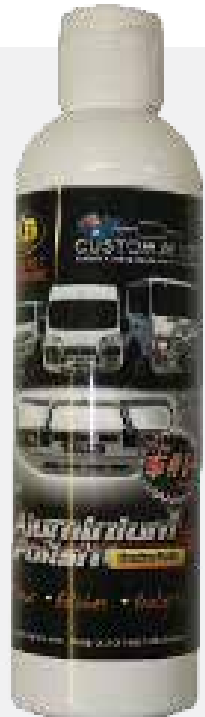
Powdercoated Products

Our powdercoated finishes are very low maintenance. 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. 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.



BH132SY

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

- Top of grill remove seven (7) T15 Torx screws.



Stage 3

- Inner wheel arch remove four (4) T15 Torx screws per side.
- Pull gaurd lining away to expose one (1) 7mm head screw top of bottom of gaurd and top of bumper.



Holden Acadia 3/2019 on

Stage 4

- Underside of bumper remove ten (10) 7mm head screws.
- In lower grill remove two (2) 7mm head screws.



Stage 5

- Unplug sensor and camera on drivers side.
- Unclip heat sensor harness from lower bumper support and grill.



Stage 6

- Pull flare away from bumper.
- Gently pull side wing away from car and forward to remove bumper.



BH132SY

Stage 7

- Unplug sonar. Remove three (3) 7mm head screws from sonar unit mount from bumper support.
- Remove sonar from mount three (3) 10mm nuts .



Stage 8

- Working on one side at a time, remove four (4) 13mm head bolts from bumper support.
- Slide ECB steel mounting bracket (supplied) between chassis and bumper support.
- Use M10 x 1.50 x 35mm bolts, flat washers and spring washers (supplied) in outer holes only. **Finger tighten only.**
- Repeat for opposite side.



Stage 9

- On inner holes attach mount support bracket (supplied) using 30mm spacers (supplied) between bumper support and bracket secure with M10 x1.50 x 70mm bolt, flat washer and spring washer (supplied). Attach to mounting bracket using M10 x 1.5 x 35mm bolt, flat washer, spring washer and nuts (supplied).
- Check measure outside measurement of mounts on protection bar. Align inner measurement on steel mounting brackets to suit.
- **Tighten all bolts.**



Holden Acadia 3/2019 on

Stage 10

- Remove Camera from bumper two (2) T20 Torx screws.



Stage 11

- Place camera into protection bar and secure with 8G x 20 self-drilling screws (supplied).
- **Do not over tighten.**



Stage 12

- Remove sensor and camera harness from bumper and place into protection bar.
- Use zip ties (supplied) to secure harness to protection bar.
- **Do not over tighten.**



BH132SY

Stage 13

- Rotate parking sensor mount to suit direction parking sensor was removed from vehicle. Ensure silicon ring is attached to front of sensor. With parking sensor in correct direction, gently place into parking sensor mount with locating pins ratcheting into holding lugs. Push only until front of sensor is aligned with front of parking sensor mount. Silicon seat on parking sensor should seat loosely into front opening.
- Zip tie rear of sensor. CAUTION: Pulling zip ties to tight can cause sensor to give false readings.



Stage 14

- Measure distance outside steel mounting bracket and carefully trim lower grill to allow mount fitment.
- Tape area to be trimmed to avoid any damage.



Stage 15

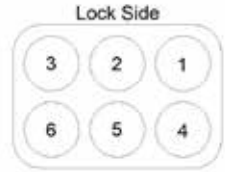
- Remove fog lights from bumper for camera and light wiring. Gently pull fog lights to release clips.
- Remove sonar harness from water bottle by pulling out christmas tree clip.



Holden Acadia 3/2019 on

Stage 16

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



6 pin plug	Pin Number	Colour	Use
	1	Grey Brown	Parking light
	4	black	Ground
	5	Blue/ Brown	DRL
2 pin plug	Pin Number	Colour	Use
	1	Green/ Purple	Indicator
	2	Black	Gound

Stage 17

- Refit bumper in reverse as per steps 2 to 4.



Stage 18

- Fit ECB LED indicator / park lights into protection bar as per instructions supplied with the LED indicator kit.
NOTE: Ensure park light is to top.



BH132SY

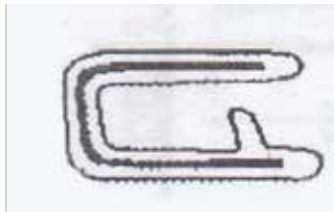
Stage 19

- 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 fog light openings with large side of surround to inside of opening.



Stage 20

- 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.



Stage 21

- Fit protection bar to steel mounts using M12 x 1.50 x 40mm bolts, flat washers and spring washers and nuts (supplied). **Finger tighten only.**
- Align protection bar with vehicle. **Tighten all bolts.**



Holden Acadia 3/2019 on

Stage 22

- Mount sonar and plastic cover onto sonar mount (supplied) using three (3) x M6x 50 bolts, flat washers, nuts and nyloc nuts (supplied) to secure sonar to mount.
- Fit sonar and bracket to top fo lower leg of protection bar through air vent using M6 x 25mm bolts, flat washers and nyloc nuts (supplied).
- Connect harness and ensure harness is clear of sharp edges and moving parts.



Stage 23

- Connect camera, indicator/ park/ DRL lights and bumper lights.
- Ensure camera and all lights operate correctly.
- Test drive vehicle to ensure all driver aids work as per manufacturers specifications.



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.**

Installation Kit

1 - Pair ECB steel mounting brackets	2 - M6 x 25mm bolts
1 - Pair steel support bracket	2 - M6 x 20mm bolts
1 - Sonar bracket	16 - M6 flat washers
1 - Perspex sonar cover (145 x 80 x 2mm)	2 - M6 spring washers
4 - 30mm tube spacers 10mm nb	8 - M6 nuts
6 - M12 x 1.5 x 40mm bolts	5 - M6 Nyloc nuts
12 - M12 flat washers	2 - 8G x 20mm self-drilling screw
6 - M12 spring washers	1 - ECB indicator /DRL / Park light kit
6 - M12 x 1.5 nuts	8 - Cable locks
4 - M10 x 1.5 x 70mm bolts	1 - Bumper light kit
8 - M10 x 1.5 x 35mm bolts	1 - Quick Click kit (IC10D40S1004ECBH)
16 - M10 flat washers	1 - 2030mm length 6mm clip lock
12 - M10 spring washers	2 - 600mm lengths 6mm clip lock
4 - M10 x 1.5 nuts	2 - Bumper light surrounds
3 - M6 x 50mm bolts	8 - 150mm Zip ties

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **BH132SY** _____

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.

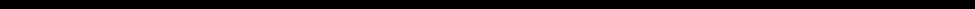
Register Online

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: BH132SY
Please post to: PO Box 122,
Margate QLD 4019

Notes



A series of 18 horizontal lines for writing notes, evenly spaced and extending across most of the page width.

_____ Full Name

_____ Date

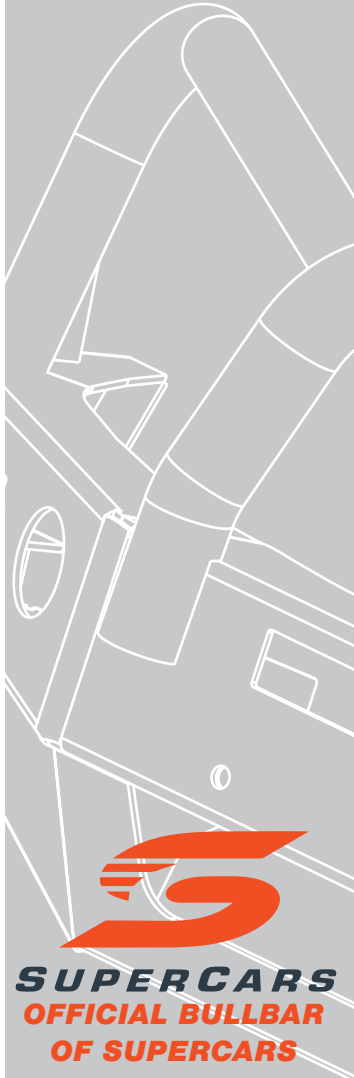
REPLACES: 26.10.19

REVISED: 03.05.21

End Notes:

Revisions:

03/05/21 General wording logo updates change to checklist for sensor mounts



1800 069 145
www.ecb.com.au

**Strongest Built
Australian Made
Lifetime Warranty**

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