



**Lighter
Stronger
Better!**

**Strongest Built
Australian Made
Lifetime Warranty**

PN:EAC80SY



Fitting Guide & Owners Manual

Chevrolet Silverado 1500 LTZ Premium

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



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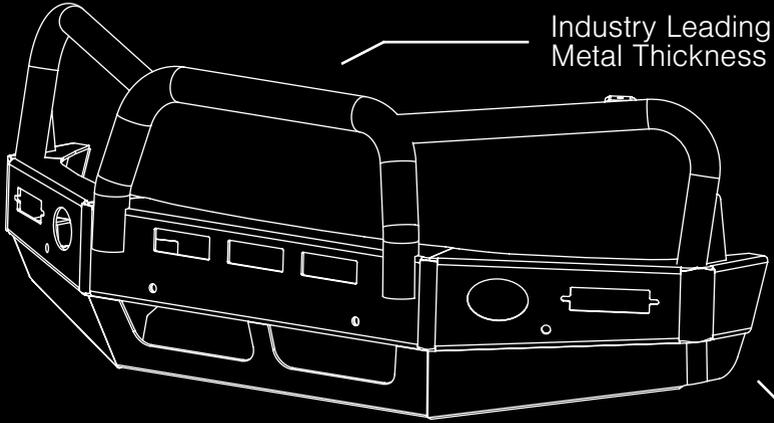
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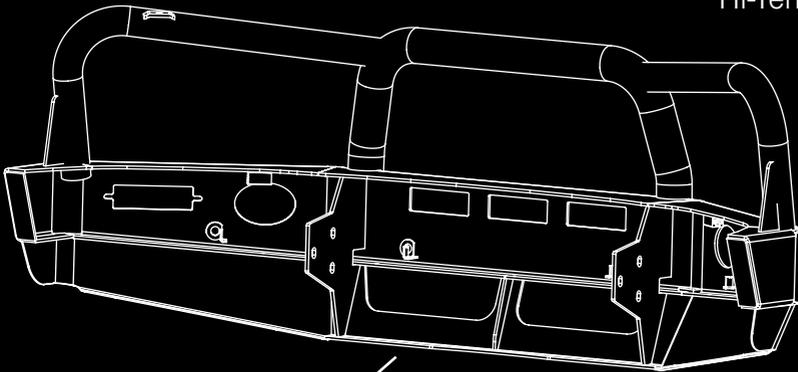
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The Features of ECB



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 out 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.



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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 bonnet release latch two (2) T15 torx screws.
- Remove top radiator cover. Remove ten (10) push pull clips.

CAUTION: Do not close bonnet with latch removed.



Stage 3

- Remove front grille, four (4) 10mm head bolts.
- Pull up top of grille to release. Pull grille away from head lights then pull out and up on centre to release.



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Stage 4

- Remove four (4) T15 torx screws from inside wheel arch (per side).



Stage 5

- Remove three (3) 15mm head bolts from underside of bumper on side support (per side).



Stage 6

- Remove one (1) 10mm head bolt from underside of bumper (per side) and remove bumper support bracket.
- Top of bumper under rubber flap, remove two (2) 18mm bolts (per side).



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Stage 7

- On passenger side disconnect fog light and parking sensor harness and remove bumper.



Stage 8

- Remove side guards by gently pulling away from vehicle towards outside of vehicle.



Stage 9

Remove the following:

- Front bumper supports three (3) 15mm head bolts (per side). Retain bolts for refitment.
- Tow hooks two 18mm head bolts (per side).



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Stage 10

- Remove underbody guard, four (4) 13mm head bolts. Retain two rear bolts for refitment.



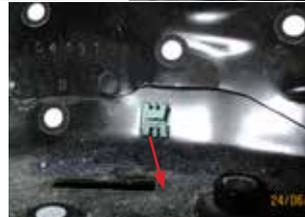
Stage 11

- Remove plastic inner guard support, four (4) 10mm head bolts and on inner side of wheel arch, two(2) T15 Torx screws (per side).
- Remove Torx screw retaining clip from support, place into upper guard and secure with Torx screw.



Stage 12

- Remove Torx screw retaining clip from support.
- Using steel opening in metal upper guard as a guide, drill a 6mm hole through the inner guard.
- Place retaining clip into hole in metal upper guard and secure with Torx screw.



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Stage 13

- On rear hole on chassis rail, drill opposite side to 12mm hole in line with opposite side.

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



Stage 14

- Fit ECB steel mounting bracket (supplied) to vehicle.
- For front chassis rail use original bolts. Finger tighten only .
- On side of Chassis rail, place 12 nb x 75mm tubing inside rail, M12 x 1.75 x 120mm bolts, 3mm washer plate (supplied) on in side of rail, flat washer, spring washer and M12 x 1.75 nut (supplied). Finger tighten only.
- Secure bottom side using M10 x 1.5 x 35mm bolt, flat washer, spring washer and M10 x 1.5 nut (supplied).
- Align steel mounting bracket and tighten all bolts.



NOTE: 4 mm packer plate (supplied) may be needed between rail and mount, as some chassis rails may vary from side to side. Ensure mount is central to body.

Stage 15

- Refit grille as per steps 2 and 3.

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Stage 16

- 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.



Stage 17

- Remove parking sensor harness from bumper.
- Remove 13mm head bolts, pull harness from bumper support brackets.
- Remove sensors from housings and unplug fog lights.



Stage 18

- Extend right inner and right outer parking sensor using 200mm of 3 core wire and solder joiners (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 solder is solid for a good join.



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Stage 19

- 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.



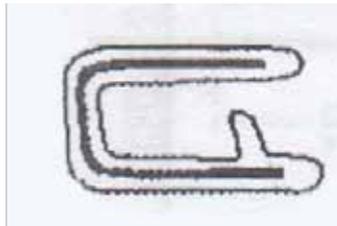
Stage 20

- Secure parking sensor, fog light harness into protection bar using zip ties (supplied)



Stage 21

- 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.



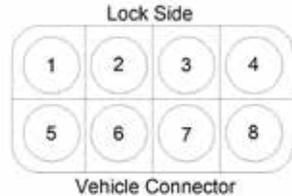
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Stage 22

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



Pin	Colour	Use
1	Black	Earth
5	Grey/ Brown	Parking Light
7	Green / Pink	Indicator
8	Grey/ brown	DRL



Stage 23

- Fit protection bar to steel mount using M12 x 1.75 x 40 mm bolts, flat washers, spring washers and M12 x 1.75 nuts.
- Align protection bar with vehicle and tighten all bolts.



Stage 24

- Neatly trim inner guard. See picture for approximate cut line.



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Stage 25

- 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 light openings with the large side of surround to inside of opening



Stage 26

- Fit under body guard using two (2) original rear bolts and M6 x 25mm bolts, flat washers and nyloc nuts (supplied) to secure front of guard to protection bar.
- Align and tighten all bolts.



Stage 27

Trim guards using template provided.

- Using paper masking tape, mask area to be cut to avoid damage.
- As printers vary, check measure template to ensure correct sizing.
- From this instruction, using sharp scissors, carefully cut out template.
- Mark and cut bumper using jigsaw, hack saw or similar.

CAUTION: Double check all marked lines before trimming.



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Stage 28

- Apply loctite (supplied) to inner guard as it may have separated from outer guard, when trimmed.
- Use 6mm clip lock (supplied) on cut edge of guard.
- Refit to vehicle and replace Torx screws.



Stage 29

- Connect parking sensors, bumper lights and indicator / DRL / park lights .
- Check all working correctly.

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	6 - M6 flat washers
4 - 4mm packing plates	2 - M6 spring washers
2 - 3mm washer plates	2 - M6 nuts
1 - 6mm alloy underbody guard	3 - M6 nyloc nuts
4 - 12nb x 75mm tubing	1 - Indicator / DRL / Park light kit
4 - M12 x 1.75 x 120mm bolts	1 - Bumper light kit
8 - M12 x 1.75 x 40mm bolts	1 - Quick click harness (IC10D40S1004ECBH)
24 - M12 flat washers	2 - Bumper light surrounds
12 - M12 flat washers	2 - 200mm lengths three core wire
12 - M12 x 1.75 nuts	2 - 250mm lengths 10mm convoluted tubing
2 - M10 x 1.5 x 35mm bolts	12 - Solder joiners
4 - M10 flat washers	8 - Cable locks
2 - M10 spring washers	16 - 150mm zip ties
2 - M10 x 1.5mm nuts	2 - 300mm length 6mm clip lock
3 - M6 x 25mm bolts	1 - 2500mm lengths 6mm clip lock
2 - M6 x 20 bolts	1 - Tube 3g loctite adhesive

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **EAC80SY** _____

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

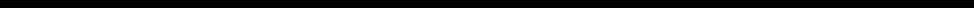
For online registration please go online to www.ecb.com.au/warranty-registration
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.

Or Post to

PO Box 122
Margate QLD 4019



Notes

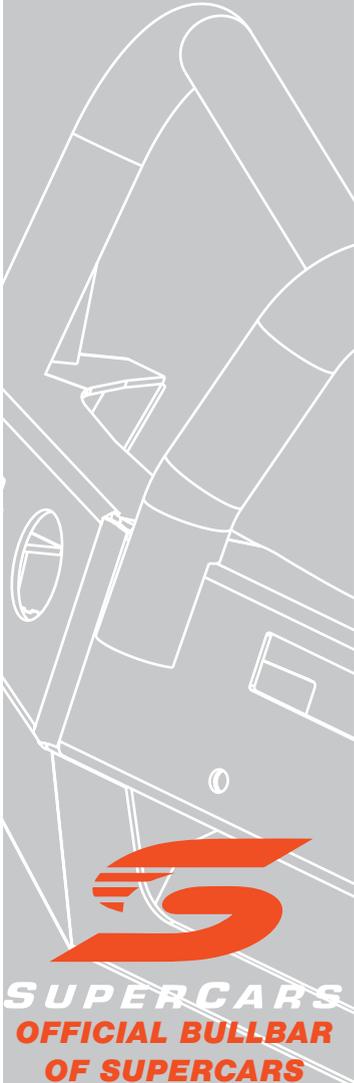


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 Full Name

 Date

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REVISED: 1.09.20



Strongest Built Australian Made Lifetime Warranty

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