



**Lighter
Stronger
Better!**

**Strongest Built
Australian Made
Lifetime Warranty**

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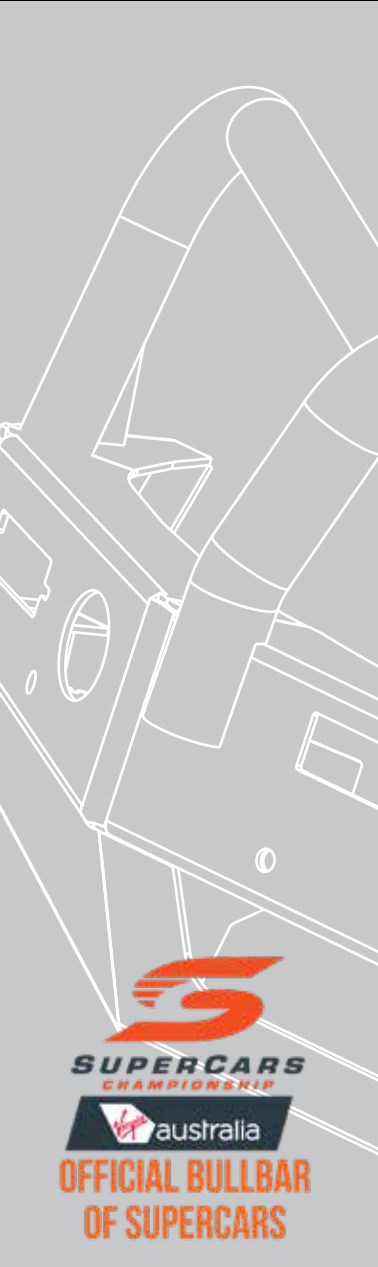


Fitting Guide & Owners Manual

CHEVROLET SILVERADO

4/2018 on

WINCH COMPATIBLE BIG TUBE BAR
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES



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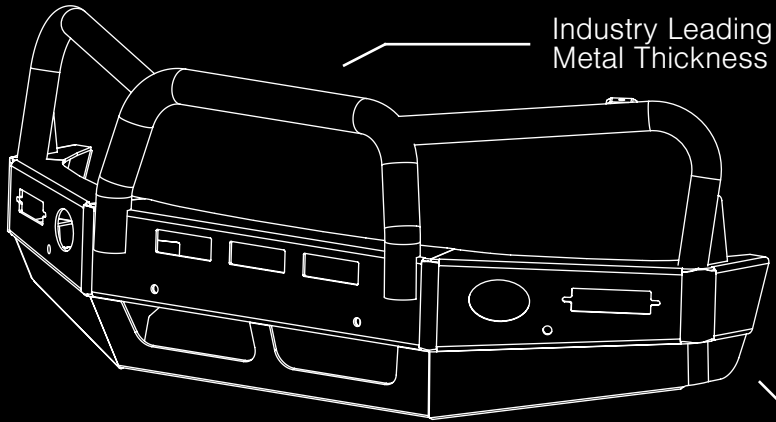
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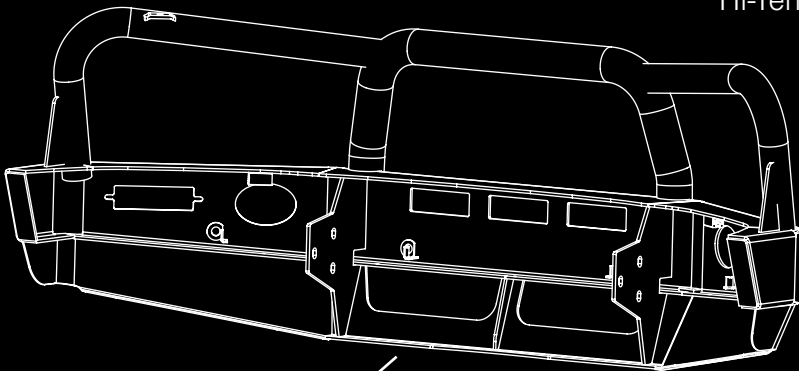
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The Features of ECB



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 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

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 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 Winch 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

- From between headlights, remove twelve (12) plastic push pull clips from radiator cover.



Stage 3

- Remove four (4) 10mm head bolts from grille.
- Pull grille forward to release clips from radiator support.
- Remove grille from vehicle.



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Stage 4

- Under wheel arch remove one (1) torx head screw.
- Pull inner wheel arch from behind end of bumper.



Stage 5

- Behind inner guard, remove one (1) 15mm head bolt from bumper wing.



Stage 6

- Under bumper right of center, disconnect wiring harness connecting bumper to vehicle.



Big Tube Winch Bar

Stage 7

- In grille opening, remove two (2) 18mm head bolts (per side) from bumper mount to vehicle. These are both accessed from the top.



Stage 8

- Remove bumper from vehicle.
- **CAUTION** . This is a 2 person lift due to weight, size and shape of bumper.



Stage 9

- Remove bumper plates from the end of the chassis rail, four (4) 15mm head bolts (per side).



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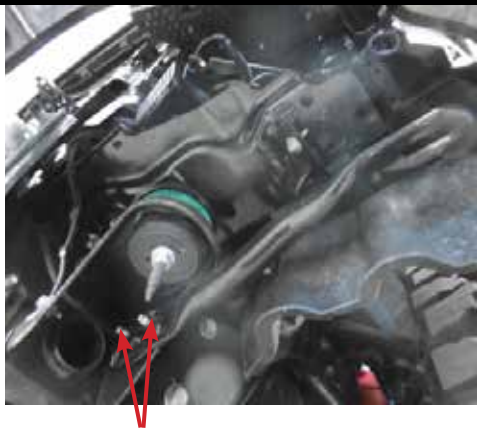
Stage 10

- Remove tow hooks from the end of the rails. One (1) 18mm head bolt from the under side of chassis rail and one (1) 18mm head bolt and nut from the side.



Stage 11

- Remove two (2) 15mm head bolts from bumper stay (per side) and remove bumper stay.



Stage 12

- Check the front of the chassis rail does not sit forward of the top bumper attachment plate.
- Should chassis rail sit forward, grind edges to be flat to the top plate.
- **Blow filings clear and treat all exposed metal with a rust inhibitor.**
- Trim front from plastic shield around oil cooler ensuring to leave enough of front tags to remain secured.



Big Tube Winch Bar

Stage 13

- Install ECB winch frame (supplied) to inside of chassis rails. **CAUTION:** This is a two person lift due to weight.
- Use original bolts in correct location and two (2) M12 nut and washer on wire (supplied) for bolt in underside of chassis.
- Centralise ECB winch frame to vehicle and **tighten all bolts.**
- Install air deflector to underside of winch frame using four (4) M6 x 25 bolts, flat washers and nyloc nuts.



Stage 14

- Fit fairlead roller, supplied with winch, to front of ECB winch frame using bolts supplied with winch.
- **Finger tighten only.**



Stage 15

- On warn 16.5 Ti winch, remove lower tie bar two(2) 15mm head bolts, move to other side and refit.
- Check winding direction of winch and set up rope winding in from underside.

Chevrolet Silverado 4/18on

Stage 16

- Install winch into winch frame using bolts supplied with winch. **CAUTION:** This is a two person lift due to weight.
- Attach control box mount (supplied) using two (2) M10 x 30 bolts, flat washers, spring washers and nuts (supplied).
- Wire winch electrics as per winch manufacturers instructions.
- Do not attach to winch frame at this time as control box will need to be moved during fitment of the protection bar.



Stage 17

- Remove eight (8) 15 mm head bolts from bumper reinforcement (per side), remove reinforcement to allow access to bumper sensors and wiring.



Stage 18

- Remove wiring and sensors from bumper.
- Install parking sensors into ECB plastic parking sensor clip until front of sensor is level with the front. Ensure silicon ring on front of sensor sits in front of opening. Secure sensor into housing with one (1) 150mm cable tie (supplied) in the second hole of housing.
- Connect parking sensor to wiring and fit wiring harness into rear of ECB protection bar.



Big Tube Winch Bar

Stage 19

- Splice ECB wiring harness into wiring harness behind headlight using cable locks (supplied). Ensure harness is clear of sharp edges and moving parts.
- Splice ECB fog light wiring into fog light harness using solder joiners (supplied).
- **NOTE:** Leave connector supplied with ECB fog lights attached for ease of disconnection should light require repair or replacement during the lifetime of the vehicle.

Stage 20

- 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 21

- Attach 6mm clip lock trim (supplied) to top edge of 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

- Fit ECB protection bar onto ECB steel winch frame using six (6) M12 x 1.75 x 40mm bolts, flat washers, spring washers and nuts (supplied).
- Access bolts through fog light hole.
- Align ECB protection bar on vehicle.
- **Tighten all bolts.**
- Install Winch control box bracket to front of winch frame using two (2) M10 x 1.5 x 30mm bolts, flat washers, spring washer and nuts (supplied).



Stage 23

- Attach ECB fog lights to protection bar. Place M6 x 20mm 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.**



Stage 24

- Mark and cut guard liner to seat behind rear of channel cap. Trim inner guard to match bottom of channel on an angle to chassis rail.
- **Note:** Ensure trim is as straight as possible to ensure appearance is at a high standard.



Big Tube Winch Bar

Stage 25

- Connect and check lights and parking sensors. Using Zip ties (supplied) ensure all wiring out of the way so it does not hang below the vehicle.

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

Installation Kit

1- ECB Steel winch frame	2 - M6 x 20mm bolts
1 - Control box mount	8 - M6 flat washers
1 - Air deflector	2 - M6 spring washers
6 - M12 x 1.75 x 40mm bolts	6 - M6 nuts
12 - M12 flat washers	1 - ECB LED indicator/ park light kit
6 - M12 spring washers	6 - Cable locks
6 - M12 x 1.75 nuts	1 - ECB fog light kit
2 - M 12 x 1.75 nut and washer on wire	2 - Fog light surrounds
4 - M10 x 1.5 x 30mm bolts	4 - Solder joiners
8 - M10 flat washers	1 - 2550mm length 6mm clip lock
4 - M10 spring washers	4 - 150mm cable ties
4 - M10 nuts	12 - 300mm cable ties
4 - M6 x 25mm bolts	

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: BC58SY _____

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

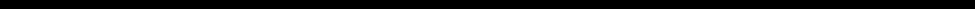
Or Register Online

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



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Notes

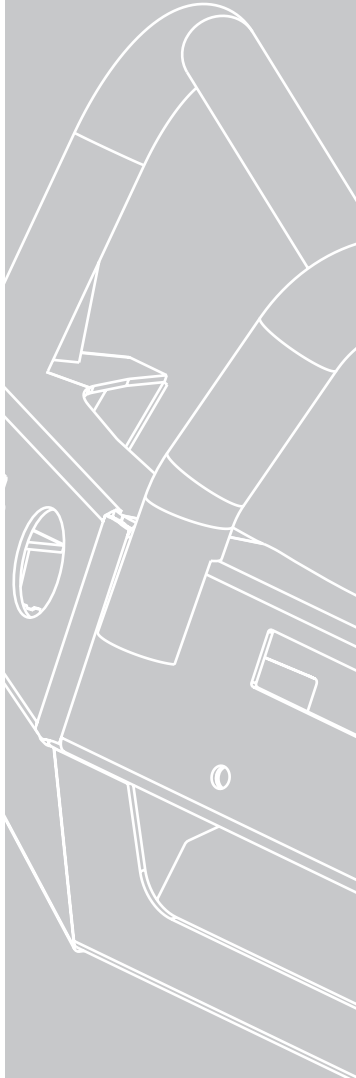


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_____ Full Name

_____ Date

REPLACES: N/A
REVISED: 24.03.19



1800 069 145
www.ecb.com.au

Strongest Built Australian Made Lifetime Warranty

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