



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN:BLD21SY



Fitting Guide & Owners Manual

**LDV VAN V80
01/2019 on**

BIG TUB BAR WITH BUMPER LIGHTS
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES



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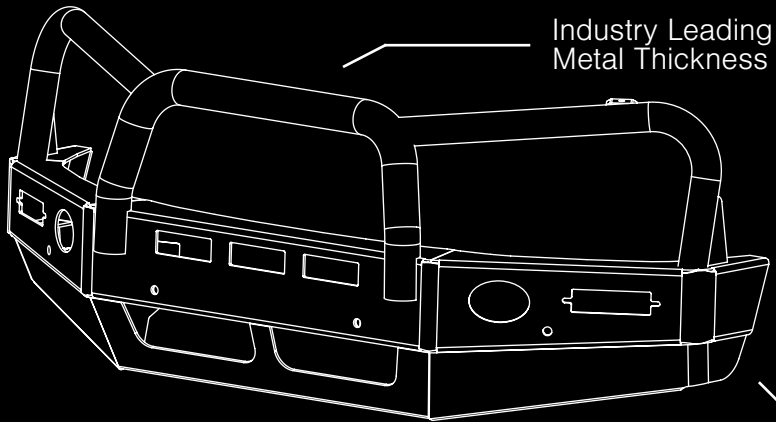
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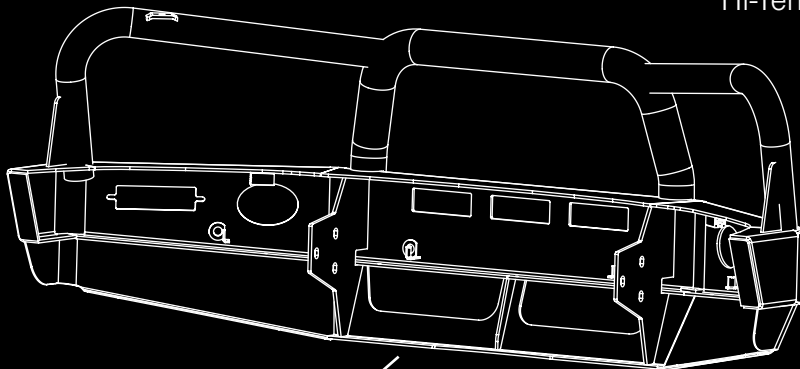
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Notes

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 trialled 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 three (3) screws on top of grille and gently pull forward to unclip from bumper.



Stage 3

- Remove two (2) 10mm head bolts from rear wing to guard (per/side).
- Remove three (3) 10mm head bolts from top of bumper.
- Remove one (1) 10mm head bolt from outer under side of bumper.



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Stage 4

- Pull bumper forward to release from locaters under lights and unplug foglights.
- Remove bumper.



Stage 5

- Drill one (1) 8mm hole in outer side of the upper flange in reinforcement and attach helper plate with M8 x 25 bolt, flat washers and nyloc nut (per/side).
- Drill two (2) holes in upper flange on reinforcement above chassis rail and attach helper plate with M8 x 25 bolts, flat washers and nyloc nuts (per/side).

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



Stage 6

- On inside of L/H chassis rail remove two (2) 15mm head bolts from tow hook.
- Remove two (2) 15mm nuts from rear of chassis connection (per side).



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Stage 7

- Enlarge hole on drivers side of reinforcement to allow for bolt on wire access.

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



Stage 8

- Remove three (3) 8mm head bolts from plastic under body guard.
- Underbody guard is not being refitted.



Stage 9

- Align the ECB steel mount vertically to the vehicle chassis rear face.
- Install the chassis mount and chassis support angle upper holes with the captive nuts using M12 x 1.75 x 40mm bolts, spring washers and flat washers (supplied). (FINGER TIGHT ONLY.)
- Attach the support angles with original nuts.



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Stage 10

- Align the front mounts with the threaded chassis holes, attach using M10 x 1.5 x 30mm bolts, spring washers and flat washers.
- Using mount as a guide, drill side holes in front face of bumper support to 10.5mm.

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

- Install two (2) M10 x 1.5 x 35mm bolt and washer on 300mm wire, flat washers, spring washers and nuts (supplied).



Stage 11

- On underside of chassis rail, remove one 15mm head nut.
- Place the lower chassis support assembly under the vehicle chassis rail and attach with the original nut in front hole.
- Attach the chassis mount with M10 x 1.5 x 40mm bolts, flat washers, spring washers and nuts (supplied).



Stage 12

- Using the lower chassis support as a guide drill a 12.5mm hole into chassis.

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

- Insert M12 x 1.75 x 30mm bolt and washer on wire, flat washer, spring washer and nut (per/side) (supplied).
- When all bolts are fitted in place align mount and tighten all bolts.



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Stage 13

- Remove two (2) 13mm head nuts from outer reinforcement and remove bumper bracket per/side.



Stage 14

- Position the wing support assembly (supplied) against the chassis mount outer face.
- Attach using M10 x 35 x 1.5 bolt and washer on wire through the top hole and M10 x 35 x 1.5 bolt through lower hole, flat washer, spring washer and nut (supplied). **Finger Tighten Only.**



Stage 15

- Connect the ECB bumper light quick click harness to the fog light harness on the vehicle.
- Splice ECB wiring harness into wiring harness behind headlight using cable locks (supplied). Ensure harness is clear of sharp edges and moving parts.
- Removal of headlight will give easy access to wiring harness.



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Stage 16

- Place the under headlight filler panel (supplied) on top of protection bar.
- Attach using two (2) M6 x 30mm bolt, flat washer and nyloc nuts (per/side)(supplied). **Finger Tighten Only.**



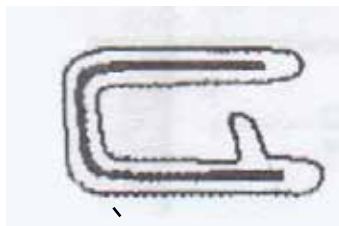
Stage 17

- 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 18

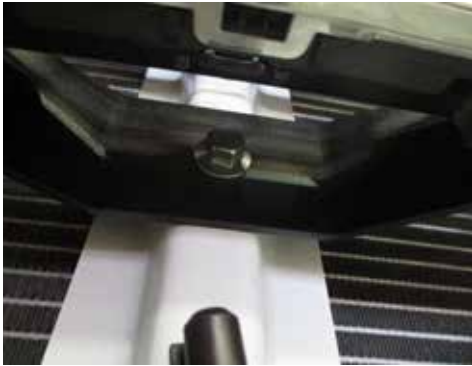
- Attach 6mm clip lock trim (supplied) to top of ECB protection bar. NOTE: Trim off lower edge on an angle so trim will sit flush with end of protection bar.



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Stage 19

- Refit grille using original equipment.
- Attach lower grille bracket to bonnet lock support with M8 x 15 bolt, spring washer and flat washer.
- Zip tie grille to bracket with zip ties supplied.



Stage 20

- Fit protection bar onto steel mount using M12 x 1.75 x 40mm bolts, flat washers, spring washers and nuts (supplied).
- Align protection bar and tighten all bolts.
- Correct fitment will result in a slightly larger gap at wing tip than front of the protection bar.



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Stage 21

- Align wing support mount to protection bar. Attach using M10 x 1.5 x 35mm bolt, flat washers, spring washers and nuts (per/side) (supplied).
- Tighten all bolts.



Stage 22

- 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. Large side of surround to inside of opening on lights.



Stage 23

- Fit ECB under body guard into position using M6 x 25 bolts, flat washers and nyloc nuts (supplied).



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Stage 24

- Mark and neatly trim guard liner.
- Remove front section.



Stage 25

- Connect all wiring.
- Check lights and vehicle 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 - Steel mounting bracket	14 - M10 x 1.5 nuts
1 - Pair chassis mount support	6 - M8 x 1.25 x 30mm bolts
1 - Pair angle support	1 - M8 x 1.25 x 15mm bolt
1 - Pair wing support assembly	13 - M8 flat washers
1 - Pair alloy infill panels	1 - M8 spring washer
1 - Under body guard centre	6 - M8 x 1.25 nyloc nuts
1 - Centre grille bracket	4 - M6 x 30mm bolts
1 - Pair 2 hole flange plate support	6 - M6 x 25mm bolts
1 - Pair 1 hole flange plate support	2 - M6 x 20mm bolts
10 - M12 x 1.75 x 40mm bolts	20 - M6 flat washers
4 - M12 x 1.75 x 30mm bolt/washer on wire 300mm long	2 - M6 spring washers
20 - M12 flat washers	2 - M6 nuts
14 - M12 spring washer	10 - M6 nyloc nuts
10 - M12 x 1.75 nuts	1 - Indicator / DRL / Park light kit (ICLED105ECB)
2 - M10 x 1.5 x 30mm bolts	8 - Cable locks
4 - M10 x 1.5 x 35mm bolts	1 - Bumper light kit
4 - M10 x 1.5 x 35mm bolt/washer on wire 300mm long	1 - Quick Click Bumper harness (IC10D-40S1004ECBH-H)
4 - M10 x 1.5 x 40mm bolts	2 - Bumper light surrounds
24 - M10 flat washers	1 - 1200mm length 6mm clip lock trim
14 - M10 spring washers	4 - 200mm Zip ties

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: _____

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

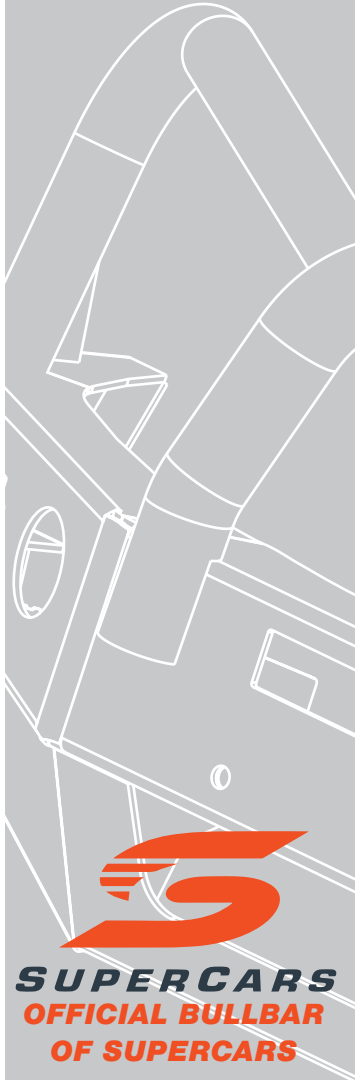
For online registration please go online to www.ecb.com.au/warranty-registration
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.



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REPLACES: N/A
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