



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN:EALD80SY



Fitting Guide & Owners Manual LDV T60 7-17 ON

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



**Official Bullbar
of Supercars**

Index

Pages 3-5

ECB's Benefits
Product Care

Pages 6-7

Stage 1 - Vehicle Preparation
Stage 2 to 7 - Bumper Removal

Pages 8-9

Stage 8 to 9 - Chassis preparation
Stage 10 - Mount Installation
Stage 11 to 12 - Inner Guard Trim and Refitment

Pages 10-11

Stage 13 to 14 - Electrics
Stage 15 to 17 - Bumper Trim and Refit

Pages 12-13

Stage 18 to 20 - Protection Bar Preparation
Stage 21 - Protection Bar Fitment
Stage 22 - Underbelly guard

Pages 14-15

Final Checks & Fitting Kit
Finished Product

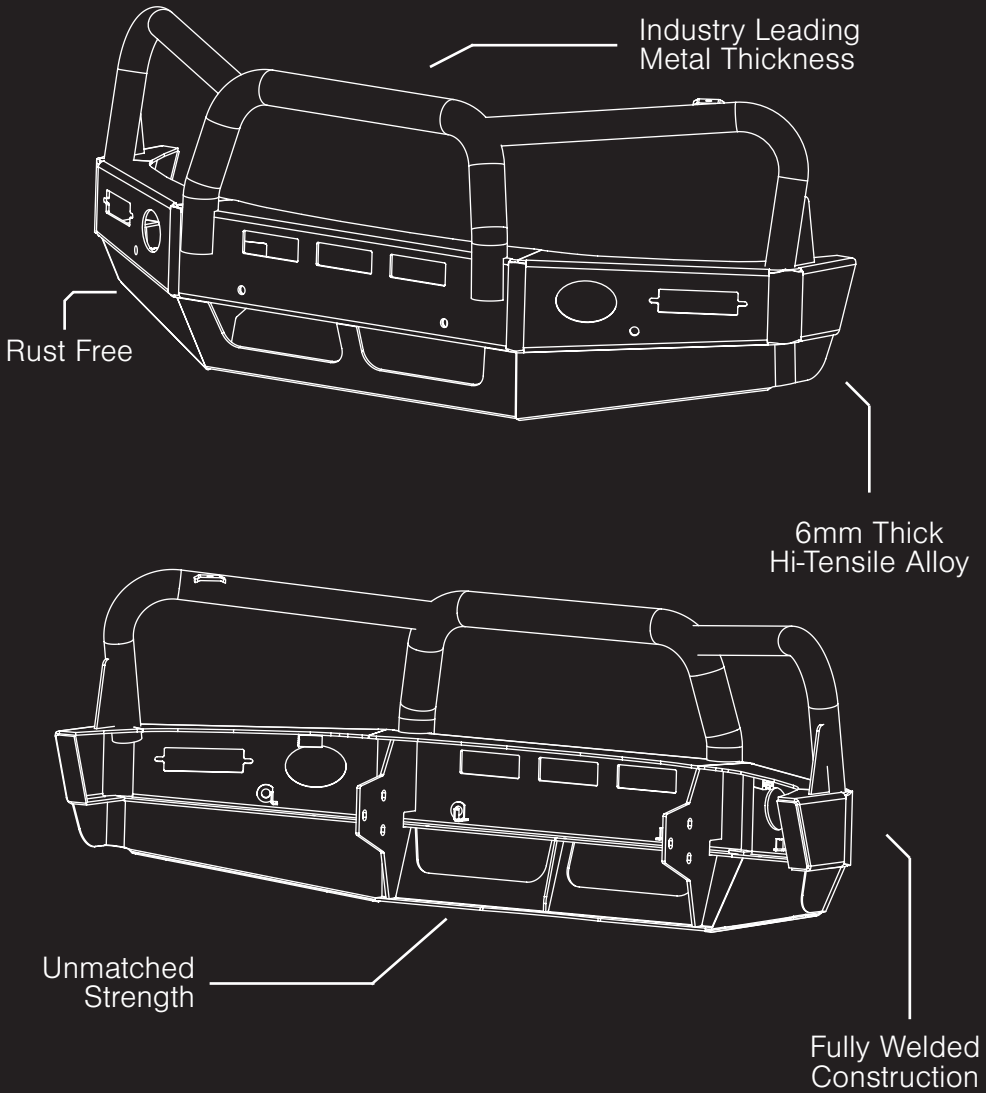
Pages 16-17

Current Promo - TBC
Warranty Registration

Pages 18-19

Notes

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 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.**

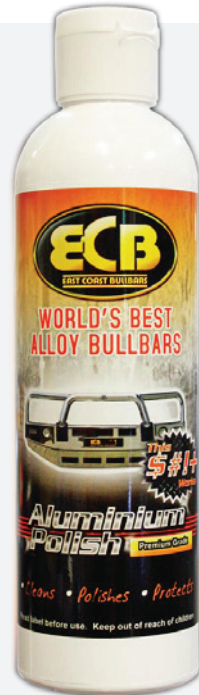
Powdercoated Products

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 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.

Stage 2

- Remove (4) four push pull clips from top of grille plastic trim.
- Gentle lift front of trim to unclip and remove.



Stage 3

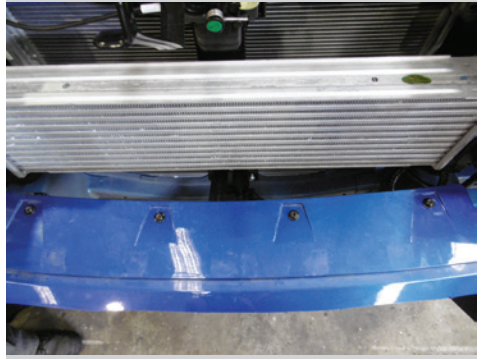
- From top of grille at headlights, remove (2) two T27 Torx head screws.
- Pull bottom corners of grille forward from bumper to remove grille.



LDV T60

Stage 4

- Between headlights on top of bumper, remove (4) four T27 Torx head bolts.



Stage 5

- At the front of the inner guards, remove (2) two plastic push pull clips and one Phillips head screw from join guard to bumper.
- Under front of inner guards, remove two plastic push pull clips and one T27 torx head screw.



Stage 6

- Under car, remove (6) eight T27 Torx and (2) plastic push pull clips from underbelly guard. Remove guard.
- Remove (2) T27 Torx head bolts from center of lower bumper.



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Stage 7

- Disconnect fog lights, sensors and center camera.
- Gently pull sides of bumper away from guards. Remove bumper.
- Remove camera from rear of bumper. Retain for refitment.

Stage 8

- Disconnect and remove temperature sensor from top of bumper support.
- Remove bumper support, (4) four 14mm head nuts.



Stage 9

- Drill hole at rear of chassis rail plates to 22mm to allow fitment of chassis spacer tube.
- **Blow filings clear and treat all exposed metal with a rust inhibitor.**



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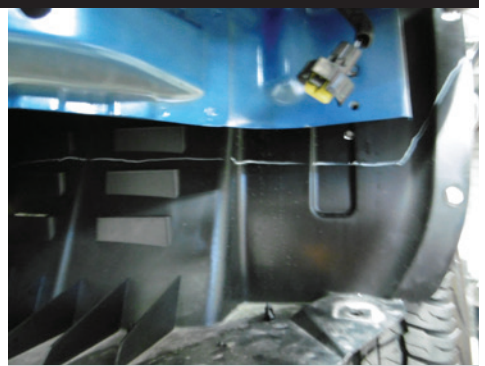
Stage 10

- Install ECB steel mount to front of chassis using (4) M10 nuts, spring washers and flat washers. Finger tighten only.
- Check mount is central to body of vehicle. If mount is not central, remove mount, tap rear mount across to centralize and refit in center.
- Install rear M10 x 100mm bolts, flat washers 40 x 40 x 6 steel washer, spring washers, tube spacers and nuts. NOTE: for ease of fitment of underbelly guard at a later stage, install bolt from inside of chassis (nut to outside)
- Tighten front bolts to chassis rail only at this stage.



Stage 11

- Push inner guard up into wheelarch and mark for cutting slightly below radiator support.
- Mark hole in radiator support on inner guard as per picture, ready to be drilled.



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Stage 12

- Cut inner guard and drill pre marked hole to 6mm.
- Fit to Radiator support using M6 x 25mm bolt, spring washer and flat washer.



Stage 13

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

Stage 14

- Connect ECB Quick Click fog light wiring harness (supplied) into original wiring harness.

Stage 15

- Mask area on bumper to be marked ready for bumper cut.
- Find and carefully cut bumper cut template from this instruction. CAUTION: scale needs to be checked for correct as some printers may vary.
- Place template over bumper and match to bumper. Mark cut line on bumper. Check cut line for correct. (No this is not a typo).



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Stage 16

- Carefully cut bumper using a jigsaw or similar.
- Clean edge of cut. NOTE: Center of cut is a finished edge.
- Install 3mm clip lock trim to guard end of bumper cut.



Stage 17

- Refit top of bumper back to vehicle as per reverse of stages 2 to 5.



Stage 18

- Drill 6mm x 12mm slot hole in top center of bumper to fit size of temperature sensor mounting.
- Locate temperature sensor to underside of bumper.
- Reconnect wiring to temperature sensor.



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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.



Stage 19

- Attach ECB fog 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 centralise light to hole. **TIGHTEN FIRM ONLY.**



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.



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Stage 21

- Install bumper into rear of ECB Protection Bar



Stage 22

- Fit ECB protection bar to outside of ECB steel mount using (4) M12 x 40 bolts, flat washer, spring washers and nuts.
- Align ECB Protection Bar to vehicle.
- TIGHTEN ALL BOLTS



Stage 26

- Undo rear chassis rail M10 bolt.
- Install underbelly guard onto top of lower skirt using (4) M6 x 20 bolts, flat washers and nyloc nuts and (2) two M6 x 20 bolts, spring washer and flat washers and (2) two 8mm alloy spacer washers (per side) to front of center underbelly guard.
- Refit M10 chassis rail bolt through side mounts of underbelly guard.
- TIGHTEN ALL BOLTS



Stage 27

- Connect Indicator / Park lights, fog lights and camera.
- Check all electronics for correct operation.

Final Checks & Fitting 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. **Insure 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.

Fitting Kit

1 - ECB steel mount	2 - M6 x 30 bolts
1 - Underbelly guard	4 - M6 x 25 bolts
2 - 10Nb x 52mm spacer tube	2 - M6 x 20bolts
2 - 40 x 40 x 6 square steel washer	10 - M6 Flat washers
4 - 25 x 8, 6mm alloy washer	4 - M6 spring washers
8 - M12 x 1.75 x 40 bolts	4 - M6 Nyloc nuts
16 - M12 flat washers	2 - M6 nuts
8 - M12 spring washers	2 - Indi / park kit (ICLED105ECB)
8 - M12 x 1.75 nuts	10 - Cable locks
2 - M10 x 1.5 x 100 bolts	1 - Fog light kit
8 - M10 Flat Washers	1 - Quick Click Kit (IC10D40S1004ECBH)
6 - M10 spring washers	1 - 2500mm Length 6mm clip lock trim
2 - M10 x 1.5 nuts	2 - 400mm length 3mm clip lock trim
4 - M10 x 1.25 nuts	2 - Fog light surrounds

Finished Product



Official Bullbar of SuperCars



Join us this year!

The first turbo diesel dual-cab SuperUtes were unveiled on Thursday 6th July in Townsville with confirmation that six different models are available for teams to race in the 2018 Series.

East Coast Bullbars (ECB) was confirmed as naming rights partner of the ECB SuperUtes Series from 2018 onwards, continuing its association with the hugely popular Utes racing category in Australia.

ECB is the Official Bullbar of the Supercars Championship and also the naming rights sponsor of the ECB V8 Utes in 2017.

“We are incredibly proud to be the naming rights partner for the inaugural ECB SuperUtes Series which will showcase our world class product in what is one of the largest segments in the Australian automotive industry,” said Ray Smith-Roberts, Managing Director – East Coast Bullbars

Keep an eye out for ECB at SuperCars events near you!

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.

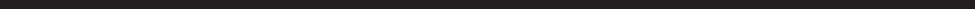
Or Register Online

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



Please post to PO Box 112, Margate QLD 4019

Notes

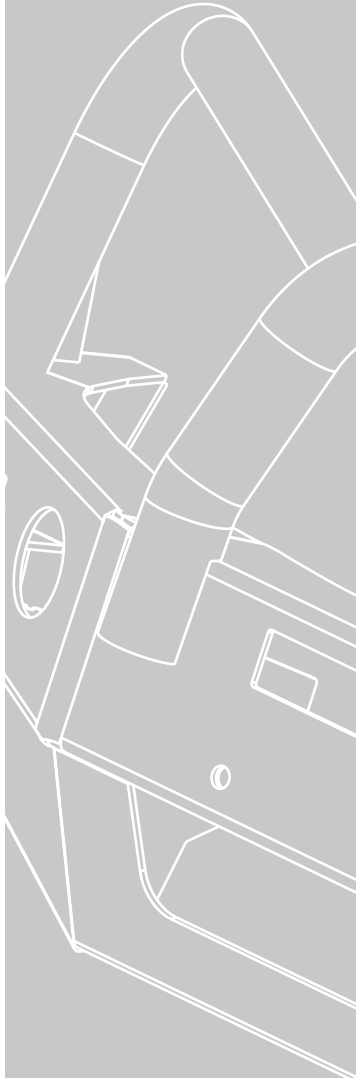


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_____ Full Name

_____ Date

REPLACES: N/A
REVISED: 10.05.18



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Strongest Built Australian Made Lifetime Warranty

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