



**WORLD'S BEST
ALLOY BULLBARS**

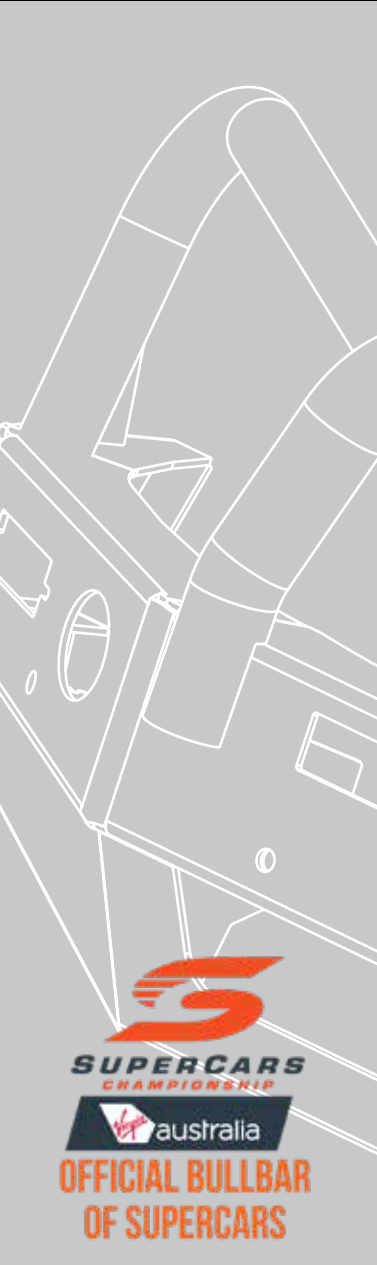
**Strongest Built
Australian Made
Lifetime Warranty**

PN:NBR57SY



Fitting Guide & Owners Manual LANDROVER DISCOVERY 12/ 2017 ON

76MM NUDGE BAR
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 Preparation
Stage 2 to 3 - Grille Removal
Stage 4 to 6 - Bumper Removal

Pages 8-9

Stage 8 to 9 - Mount Installation
Stage 10 - Bumper Trim
Stage 11 - Sensor wiring
Stage 12 - Protection Bar mounting

Pages 10-11

Final Checks & Fitting Kit
Finished Product

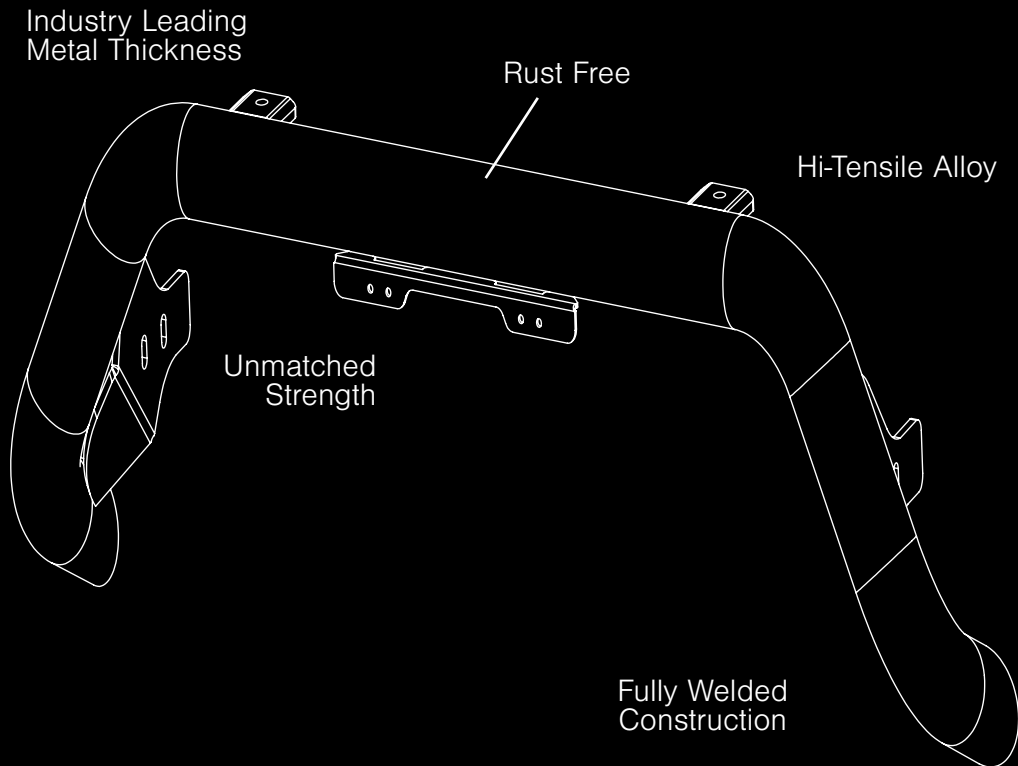
Pages 12-13

Current Promo - TBC
Warranty Registration

Pages 14-15

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.



76mm Nudge 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.



Stage 2

- Remove (4) four phillips head screws from top of grille between headlights.



Stage 3

- Gently pull bottom of centre grill and remove
- Remove headlight washer covers, gently pull cover forward and spread apart clips on sides.
- Remove (4) four 8mm head bolts from top of bumper



Landrover Discovery 5/18 on

Stage 4

- Remove (2) two phillips head screws, one from bottom of inner wheel arch and one inner top of arch. Gently pull cover strip from bumper.
- Remove (1) one phillips head screw top of bumper under headlight.

Caution: plastic is easily broken if stressed.



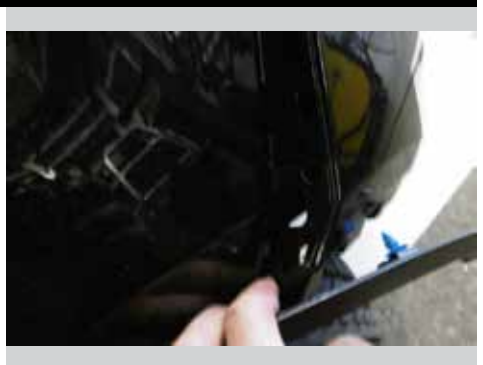
Stage 5

- From under bumper outer bumper remove (2) two phillips head screws each side and (4) four T27 torx screws
- Undo (4) four plastic screws to remove underbody trim and remove.
- Remove (2) two T27 torx screws from above cover.



Stage 6

- Gently pull inner guard away from vehicle. Remove phillips head screw from inside bumper guard join each side .
- Disconnect wiring for sensors and fog lights passenger side and headlight wahers on drivers side.
- Gently remove bumper from vehicle .



76mm Nudge Bar

Stage 8

- Remove air scoop in front of cooler from drivers side. (1) One push plug at front and release clips from side .
- Install steel mounts (supplied) onto crash cans using (1) one M10 x 35 bolt, spring washer, flat washer and nut on wire (supplied). In front hole place (1) one M10x150 bolt, flat washers, spring washer and nut (supplied). Finger tighten only.

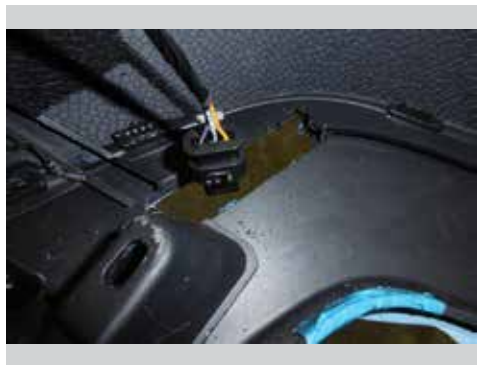


Stage 9

- Measure mounts on protection bar and set distance on steel mounts on vehicle. Tighten all bolts.
- Replace air scoop over cooler.

Stage 10

- Mask area of bumper to be trimmed using paper masking tape.
- As printer vary, check template for correct scale. Should scale be out, check printer settings and reprint, or call ECB for assistance.
- Using template (supplied) mark out area to be cut. Check measure cut outs with spacing of steel mounts.
- Turn bumper over, disconnect and remove two middle parking sensors and any wiring around where slots are to be cut
- Cut bumper using a jigsaw or similar.



Landrover Discovery 5/18 on

Stage 11

- Place split wiring loom tubing over sensor wiring. Refit bumper feeding sensor wiring through mount cut outs on bumper.
- Replace bumper in reverse of steps 2 to 6

Stage 12

- Mount protection bar to vehicle using (4) four M10 x 35 bolt, flat washers, spring washers and nuts (supplied). Finger tighten only.
- Align protection bar with vehicle. Tighten all bolts
- Connect parking sensors and test for correct operation.
- Install black plugs into bumper where sensors removed.



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 - Pair steel mounts	6 - M10 x 1.5 nuts
2 - M10 x 1.5 x 150mm bolts	2 - M10 x 1.5 nuts and washers on 300mm wire
6 - M10 x 1.5 x 35 bolts	2 - 200mm length, 10mm convoluted tubing
14 - M10 flat washers	2 - 19mm black plastic plugs
8 - M10 spring washers	

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 was 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

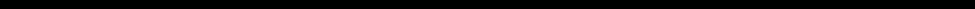
For online registration please go online to www.ecb.com.au/TBC. If you have any
questions please contact our national office on 1800 069 145 or www.ecb.com.au.



PN: #####

Please post to PO Box 112, Margate QLD 4019

Notes

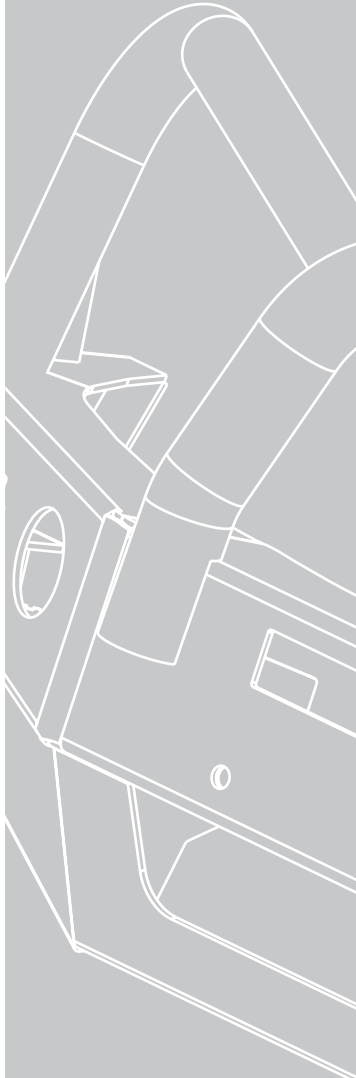


A series of 20 horizontal lines for writing notes, spaced evenly down the page.

_____ Full Name

_____ Date

REPLACES: N/A
REVISED: 27.07.18



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