



**Lighter  
Stronger  
Better!**

**Strongest Built  
Australian Made  
Lifetime Warranty**

PN: NBF87SY



# Fitting Guide & Owners Manual

**FORD TRANSIT**

**VO MY18.75 05/2018 on**

76mm Nudge Bar  
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)  
FOR AIR BAG & ADR COMPLIANT VEHICLES



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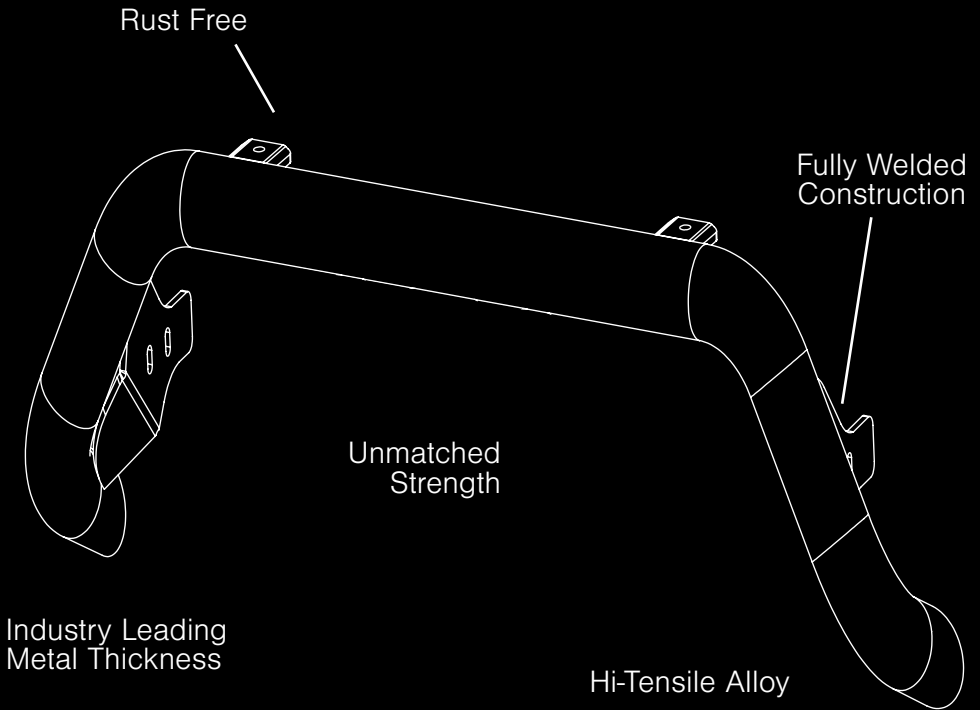
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# The Features of ECB



# ECB's Benefits

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## **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

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## 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.

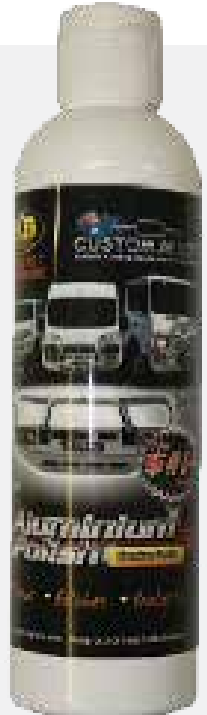
## Powdercoated Products

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.



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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.
- Unwrap ECB Protection bar and disconnect mounts. Discard bolts.
- Ensure these instructions are left with the vehicle owner and/or operator.



## Stage 2

- Lift bonnet. Bonnet catch is key operated and found in centre of grille above badge.



## Stage 3

- To remove headlights remove two (2) T30 Torx drive bolts from top of headlight. Move headlights forward to unclip from clip beneath headlight.
- Using small screwdriver on connectors latch carefully lever latch to open far enough and disconnect.
- Remove headlight.



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## Stage 4

- From between headlights, remove five (5) push pull clips and four (4) 10mm head bolts.



## Stage 5

- From front wheel arches, remove two (2) push pull clips from guard flares.
- From under front guard unclip push pull retaining clips on front section of guard flare connected to bumper. Release enough to be able to remove bumper from behind.

**Note:** Rear clip is made of different material to rest of clips. It will break when stressed.



## Stage 6

- From rear point where bumper meets gaurds in wheel arch, remove one (1) 10mm head bolt from behind bumper.



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## Stage 7

- On sides of coloured section of bumper at guard join, remove two (2) T25 Torx head screws. This join is a push pull join to the guard, but is difficult to unclip. By removing the Torx screws the clip section is removed.
- Unclip sides of bumper from guard and allow to hang.
- Disconnect parking sensor harness on drivers side. Behind washer bottle.



## Stage 8

- From underside of vehicle. Remove four (4) 10mm head bolts from join of underbelly guard to bumper, one (1) push pull clip from underbelly guard to air conditioner lines on passenger side of vehicle and two (2) 10mm head bolts from underbelly guard to chassis rails. Remove underbelly guard.



## Stage 9

- Remove number plate (if fitted).
- From behind number plate , remove two (2) 13mm head bolts.





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## Stage 10

- Under headlights, release the catch holding bumper in place, and latches at sides of centre grill.



## Stage 11

- Under painted section above grille under the bonnet, lift the painted section to allow vision beneath.
- Using a screw driver, release the clips on the black section underneath by levering rear edge upward on outer corners. Beneath this black section is a second smaller catch similar to the one underneath the headlight. Release this catch and carefully remove bumper.



## Stage 12

- Remove plastic push pull clip from air dam at rear of bumper support. Pull air dam away from bumper support and secure out of the way.
- Drill holes out to 10mm under bumper support where push pull plugs were removed from air dam.
- On passenger side remove tag from top of chassis rail. Enlarge hole to 10mm.
- **Blow filings clear and treat all exposed metal with a rust inhibitor**



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## Stage 13

- Attach steel mounting brackets behind bumper support using one (1) M10 x 1.5 x 70mm bolt, flat washer, spring washer and nut (per side) (supplied). Use centre hole in front of chassis rail, **tighten bolt.**
- Using mounting brackets as a guide drill 10mm holes in top of rail.
- **Blow filings clear and treat all exposed metal with a rust inhibitor**



## Stage 14

- Secure top and bottom of mounting brackets with two (2) M10 x 1.5 x 25mm bolts, flat washers and nuts and washer on 300mm wire (supplied) (per side).
- Insert nuts on wire through hole in front of chassis rail.
- **Align mounts and tighten .**



## Stage 15

- Trim air dam neatly to fit around steel mounting brackets.
- Measure distance between steel mounting brackets and cut lower grille on bumper to allow steel mounting brackets to protrude



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## Stage 16

- Disconnect two (2) centre parking sensors and remove sensors from bumper.
- Feed sensor harness through sensor holes in bumper. Ensure enough is through to connect to protection bar .



## Stage 17

- Replace bumper repeat steps 1 to 10 in reverse.



## Stage 18

- Place 25mm plastic sensor spacer (supplied) into parking sensor housing then sensor, secure firmly only with zip ties (supplied) through rear hole of sensor plug.
- **NOTE** Do not overtighten zip ties as this may lead to false sensor readings.



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## Stage 19

- Secure protection bar to vehicle using four (4) M10 x 1.5 x 40mm bolts, flat washers, spring washers and nuts (supplied). **Finger tighten only.**
- Align protection bar vertical, matching bumper and central to vehicle. **Tighten all bolts.**



## Stage 20

- Connect parking sensors and check for correct operation.
- Test drive vehicle to ensure all driver assists are operating as per before fitment.

# Final Checks & Installation Kit

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## 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 - Pair ECB mounting brackets	10 - M10 spring washers
2 - M10 x 1.5 x 70mm bolts	6 - M10 x 1.5 nuts
4 - M10 x 1.5 x 40mm bolts	4 - M10 x 1.5 nuts and flat washer on 300mm wire
4 - M10 x 1.5 x 25mm bolts	2 - Clear sensor spacers (EAMB100)
16 - M10 flat washers	4 - 150mm zip ties

# Finished Product

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# Warranty Registration

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## 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.

## Please post to:

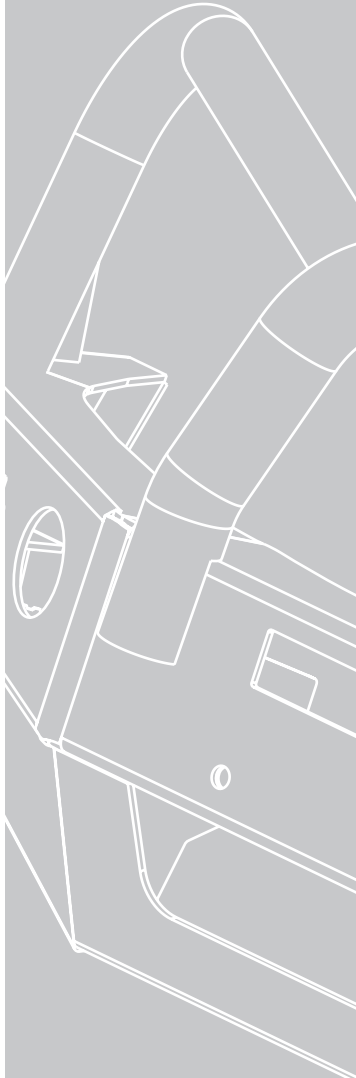
PO Box 122, Margate QLD 4019

## Or Register Online

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



REPLACES: N/A  
REVISED: 04.06.19



1800 069 145  
[www.ecb.com.au](http://www.ecb.com.au)

# **Strongest Built Australian Made Lifetime Warranty**

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