



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: NBT186SY



Fitting Guide & Owners Manual

TOYOTA HIACE

05/19 ON

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

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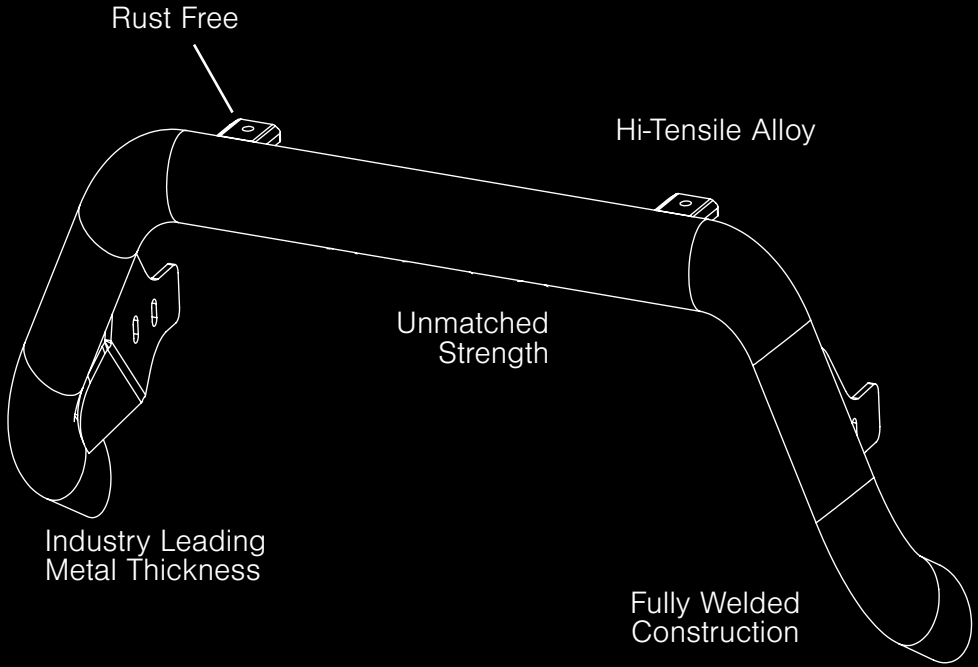
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The Features of ECB



ECB's Benefits

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 top cover from grille, nine (9) push pull plugs.



Stage 3

- Remove three (3) 10mm head bolts from beside headlight and centre of grille about half way down grille and four (4) 10mm head bolts top of grille.
- Pull up on clips beside headlight and pull bumper forward slightly.



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Stage 4

- Disconnect parking sensors and sonar next to bonnet latch.



Stage 5

- Underside of vehicle remove fourteen (14) push pull plugs, two (2) 10mm head screws and four (4) 10mm head bolts.
- Remove under belly guard.



Stage 6

- From inside wheel arch remove one (1) push pull plug.
- Gently pull side of bumper from guard to release clips and away from vehicle .

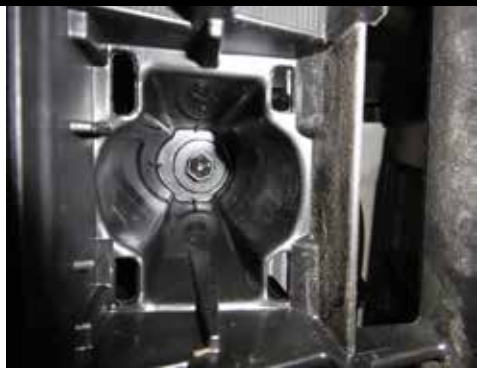
CAUTION: Catch area at side of bumper can be easily ripped away from the bumper skin. Care is required.



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Stage 7

- On lower front of grille, remove tow point covers. Unclip lower section by pushing down on clips and remove cover.
- Remove two (2) 10mm head bolts.
- Carefully remove plastic bumper cover.



Stage 8

- Remove foam from bumper support.
- Remove upper and lower air dams, two (2) push pull clips either side of centre air dam, side air dams gently pull away from vehicle.



Stage 9

- Remove bumper support four (4) 14mm head bolts (per side).



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Stage 10

- Fit ECB steel mounting brackets (supplied) to bumper support.
- Place mount on inside of crash can .
- Secure top of mount with two (2) M10 x 1.25 x 35mm bolts, flat washers, spring washers and nuts (supplied) through top two (2) holes in top of crash can. **Finger tighten only.**



Stage 11

- On under side of bumper support drill two (2) 10mm holes using steel mount as a guide. **Blow filings clear and treat all exposed metal with a rust inhibitor.**
- Secure with two (2) M10 x 1.25 x 35mm bolts, flat washers, spring washers and nuts to outer hole (supplied). On inner hole use one (1) M10 x 1.25 nut and washer on 300mm wire (supplied).
- **Tighten all bolts.**



Stage 12

- Refit bumper support to vehicle using four (4) M10 x1.25x 40mm bolts, flat washers, spring washers (supplied).
- **Tighten all bolts**



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Stage 13

- Using steel mounting bracket measurement, mark lower air vent to be trimmed.
- Trim lower air vent to allow for protrusion of protection bar mounting brackets.

NOTE: Allow room for alloy bar mounts to run down inside of steel mounting brackets.



Stage 14

- Refit all air dams and foam bumper support to front of vehicle, trim where necessary.
- Refit bumper in reverse of steps 2 to 8. Do not refit underbelly guard at this stage.



Stage 15

- Fit protection bar to steel mounting brackets using four (4) M10 x 1.25 x 40mm bolts, flat washers, spring washers and nuts (supplied).
- Align protection bar with vehicle.
- **Tighten all bolts.**
- Refit under belly guard.



Final Checks & Installation 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. 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 steel mounting brackets	20 - M10 spring washers
12 - M10 x 1.25 x 40mm bolts	10 - M10 x 1.25 nuts
8 - M10 x 1.25 x 35mm bolts	2 - M10 x 1.25 nuts and washer on 300mm wire
30 - M10 flat washers	

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: NBT186SY _____

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.

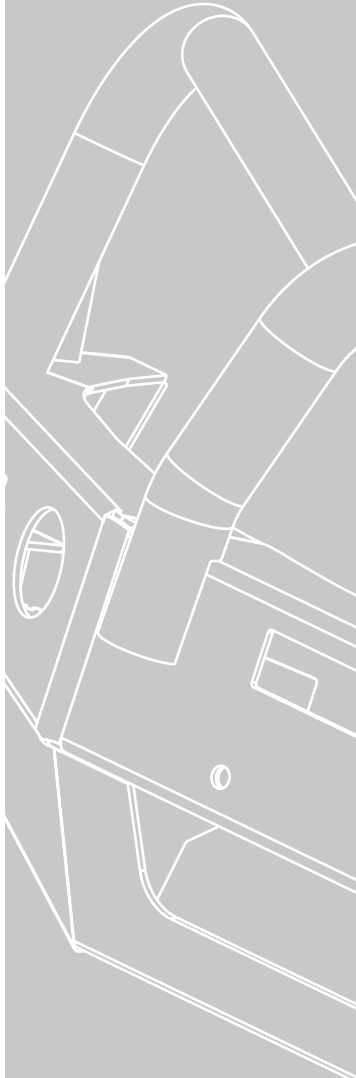
Or Register Online

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: NBT186SY
Please post to PO Box 122,
Margate QLD 4019

REPLACES: N/A
REVISED: 25.06.19



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