



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: NBT16SY



Fitting Guide & Owners Manual Toyota Camry Ascent 08/2019on

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



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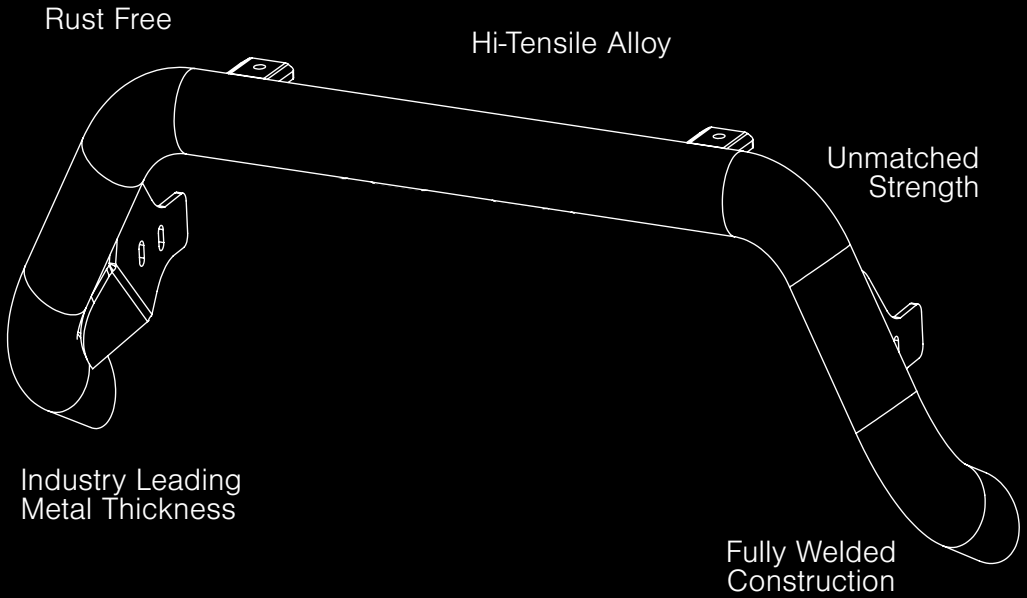
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The Features of ECB



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.
- NOTE: This product will not work with vehicles that have front sensors.



Stage 2

- Remove five (5) push/pull clips from top plastic trim and remove.



Stage 3

- Remove four (4) 10mm head bolts and two (2) push/pull clips from top of bumper between headlights.



Stage 4

- Remove eight (8) 10mm head bolts from under side of bumper.



Stage 5

- Remove one (1) plastic push/pull clip from rear wing per/side.



Stage 6

- Pull out on rear wing of bumper to unclip from guard locator, forward to unclip under headlight.
- Unplug sonar unit from behind grille badge and remove bumper.



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Stage 7

- Remove bumper foam from bumper reinforcement.



Stage 8

- Working on one side at a time, remove three (3) 14mm head bolts from bumper reinforcement.
- Fit ECB steel mounting bracket onto reinforcement using three (3) M10 x 1.25 x 30mm bolts, spring washer and flat washer (per/side) (supplied) **Finger tighten only.**



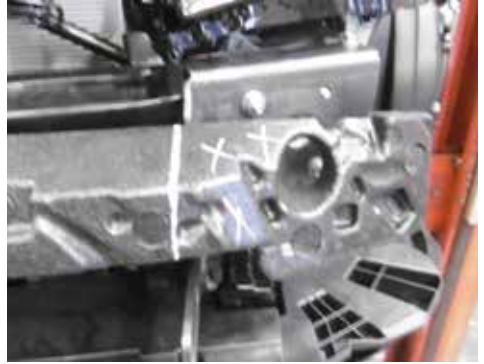
Stage 9

- Using mounting bracket as a guide drill 10mm hole in bumper reinforcement.
- Blow all filings clear and treat all exposed metal with a rust inhibitor.
- Fix with M10 x 1.25 x 30mm bolt, flat washer, spring washer and nut (per/side). **Finger tighten only.**
- Align mount and **tighten all bolts.**
- Repeat stages 8 and 9 for other side.



Stage 10

- Trim bumper foam to fit around steel mounting brackets and refit to reinforcement.



Stage 11

- Trim lower air duct to fit around steel mounting brackets and refit.



Stage 12

- Using steel mounting bracket measurement mark and neatly trim bumper grille to fit over steel mounting brackets.

NOTE: CUT TWO TOP GRILLE BARS ONLY.



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Stage 13

- Refit bumper to vehicle in the reverse step of 1 - 5.



Stage 14

- Fit protection bar onto steel mount using two (2) M10 x 1.25 x 40mm bolts, flat washers, spring washers and nuts (per/ side) (supplied).
- Align protection bar and **tighten all bolts.**



Stage 15

- Relocate number plate to number plate mount on Protection bar using two M6 x 16mm bolts, flat washers and nyloc nuts (supplied).
- Test drive vehicle to ensure all electrical components and driver aids work as per manufacturers requirements.

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.**

Installation Kit

1 - Pair steel mounting brackets	6 - M10 x 1.25 nuts
8 - M10 x 1.25 x 30mm bolts	2 - M6 x 16mm bolts
4 - M10 x 1.25 x 40mm bolts	4 - M6 flat washers
18 - M10 flat washers	2 - M6 nyloc nuts
12 - M10 spring washers	

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.

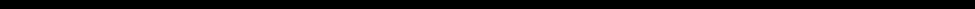
Or Register Online

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.



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Margate QLD 4019

Notes

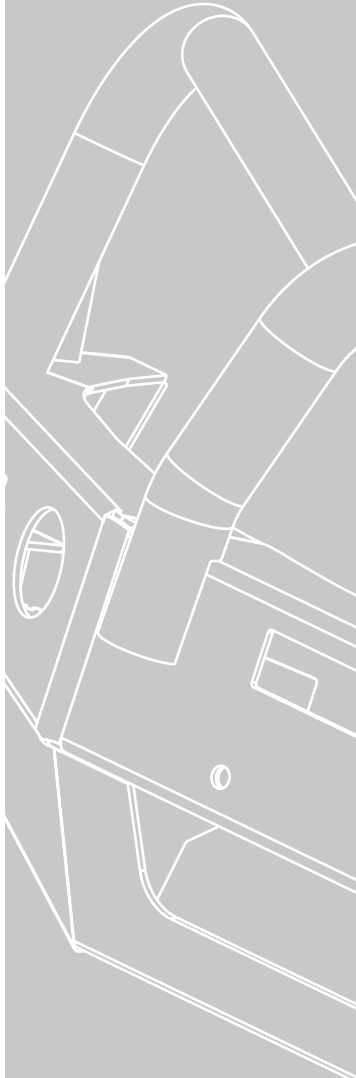


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_____ Full Name

_____ Date

REPLACES: N/A
REVISED: 11.10.19



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Strongest Built Australian Made Lifetime Warranty

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