



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: 8T220SY, NB6T220SY, NBT220SY



Fitting Guide & Owners Manual

**TOYOTA HILUX
SR / SR5 05/19-07/20
2WD Workmate Lo-Rider 05/19on**

TYPE 8, 63mm SERIES 2 NUDGE BAR & 76mm NUDGE BAR
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES

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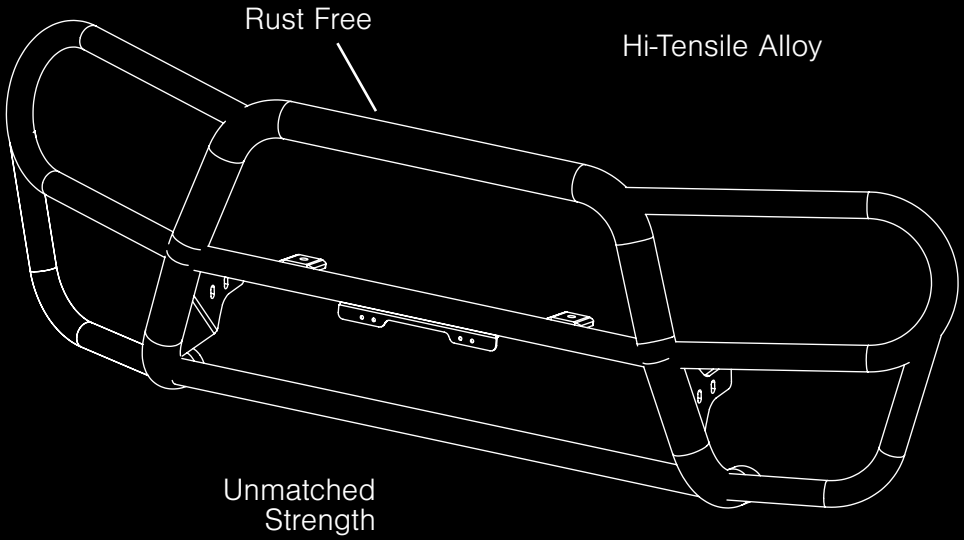
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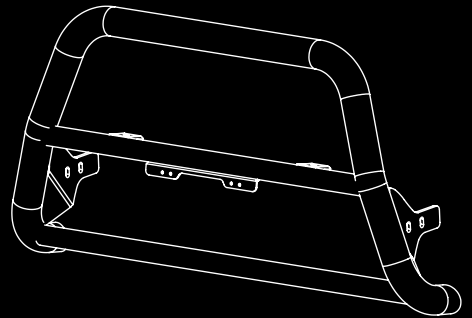
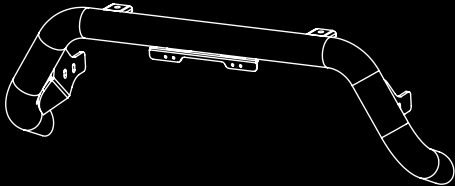
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Notes

The Features of ECB



Industry Leading
Metal Thickness



Fully Welded
Construction

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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NOTE: Spotlight tabs are attached to lower side of tubes so lights hang underneath tubes. This is done to keep lights from affecting the sonar unit positioned behind the Toyota badge in the grille.

Tabs have been included to allow the number plate to hang from the protection bar when lights are installed.

Please note name plate location on 76mm Nudge bar when installing.

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 eight (8) plastic push pull clips from top panel between headlights and remove panel.



Stage 3

- Remove four (4) 10mm head bolts from top of grille, unplug sonar unit from behind grille badge. From bottom of grille, release push clips and remove grille.



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Stage 4

- Remove three (3) 10mm head bolts from top of bumper behind grille.



Stage 5

- Remove nine (9) 10mm head bolts from underside of bumper and two (2) plastic push pull clips from wheel arch per side, pull outwards on bumper wing to unclip from guard. Disconnect fog lights if required and slide bumper forward from vehicle.



Stage 6

- Remove three (3) 10mm head bolts from bumper stiffener and remove, remove left and right hand air ducts.



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Stage 7

- Fit ECB steel mounting bracket (supplied) to outside of chassis rail.
- For rear hole use one (1) M12 x 1.25 x 30mm bolt, flat washer and spring washer (supplied) into captive nut in chassis rail.
- For front holes use two (2) M10 x 100mm bolts, 53 mm tube spacer, 2 hole steel washer, flat washers, spring washers and nuts (supplied)
- Level mounts to front of vehicle and **all tighten bolts**



Stage 8

- Mark and trim air dam to fit around steel mounting brackets. Refit to vehicle.



Stage 9

- Mark and trim lower grille to fit over steel mounting brackets.

Note: Grille removed from bumper for photo.



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Stage 10

- Refit bumper to vehicle in the reverse step of 6.
- Do not put bolts in bottom of liner at this stage.



Stage 11

- Fit protection bar onto steel mounting brackets using two (2) M10 x 1.5 x 40mm bolts, flat washers, spring washers and nuts (supplied) in front holes, two (2) M10 x 1.5 x 40mm bolt and washer on wire, flat washers, spring washers and nuts (supplied) in rear hole.
- Align protection bar to front of vehicle and **tighten all bolts.**
- Install bolts to bottom of liner. **Tighten all bolts.**



Stage 12

- Relocate name plate to lower tube on protection bar using two self drilling screws (supplied).
- Fit ECB alloy cover name plate onto bumper using two (2) black phillips head M6 bolts (supplied).



Stage 12

- Check all electrical connections are connected.
- Test drive and check all drivers aids are working as per manufacturers requirement.

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	2 - M10 x 1.5 x 40mm bolts
2 – 2 hole steel washer plates (75mm x 31mm, two 11mm holes)	2 – M10 x 1.5 x 40mm bolts and washer on 300mm wire
4 – 10 NB steel tubes 53mm long	14 – M10 flat washers
1 - Name Plate cover	8 – M10 spring washers
2 – M12 x 1.25 x 30mm bolts	8 – M10 x 1.5 nuts
2 – M12 flat washers	2 - M6 x 25 black Phillips head bolts
2 – M12 spring washers	2 - 8 -18 x 12mm Self drilling screws
4 – M10 x 1.5 x 100mm bolts	

Finished Product



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.

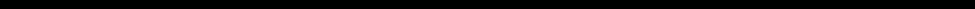
Or Register Online

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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Please post to PO Box 122,
Margate QLD 4019

Notes



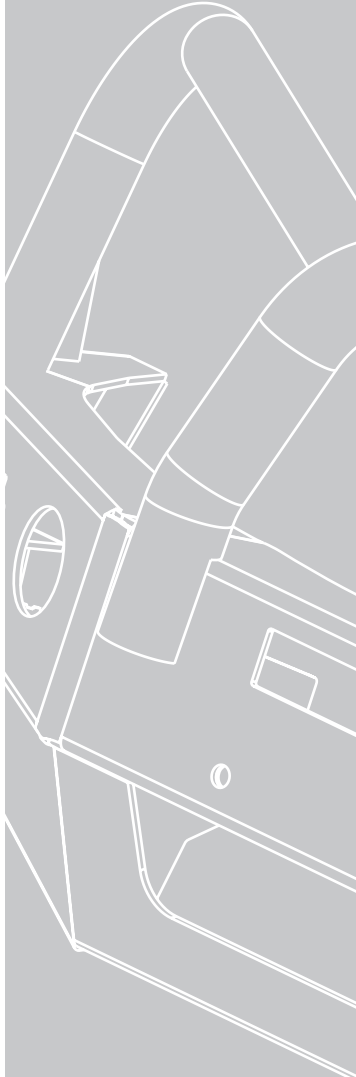
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_____ Full Name

_____ Date

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1800 069 145
www.ecb.com.au

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29 Snook St, Clontarf QLD 4019
PO Box 122, Margate QLD 4019