



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: NBT260SY



**Fitting Guide &
Owners Manual
TOYOTA C- HR
11/20on**

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



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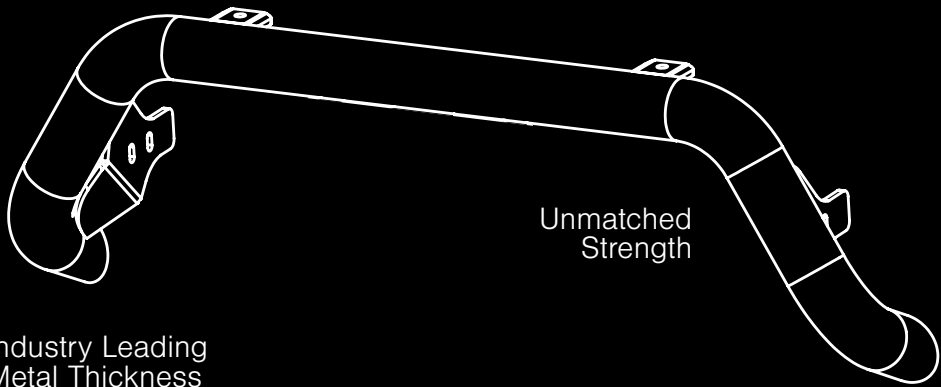
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Finished Product

The Features of ECB

Rust Free

Hi-Tensile Alloy



Unmatched
Strength

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 decades 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. Within our decades 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 and lift bonnet.
- Unwrap ECB Protection bar and disconnect mounts. Discard bolts.
- Ensure these instructions are left with the vehicle owner / operator.



Stage 2

- From top radiator cover, remove four (4) push/pull clips and two (2) phillips head rubber stoppers
- Remove radiator cover.



Stage 3

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



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Stage 4

- Remove two (2) 10mm head bolts and two (2) push/pull clips from lower guard liner per/side.
- From guard mould remove two (2) 10mm head bolts and one (1) screw clip.
- Pull lower of liner away and release clip while gently pulling out on guard mould per/side.



Stage 5

- Remove four (4) 10mm head bolts from under side of bumper.



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Stage 6

- Pull out on rear wing to release bumper from guard retainer and forward to unclip under headlights (per side).
- Unplug sonar unit from behind grille badge and wiring loom from center of bumper.
- Remove bumper.



Stage 7

- Remove foam padding from both reinforcements.
- Remove three (3) 14mm head bolts from end of rail (per/side) and wiring harness from reinforcement.
- Remove upper reinforcement.
- Remove two (2) 12mm head nuts from lower crash can (per/side) and remove lower reinforcement.



Stage 8

- Flatten out lug on crash can so steel mounting brackets can sit flush (per/side).



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Stage 9

- Using steel mounting bracket as a guide, trim side air dam to fit.



Stage 10

- Fit ECB steel mounting brackets (supplied) onto end of crash cans and replace alloy reinforcements to original position, fix with original bolts and nuts.
- Align mounts and tighten all bolts.

NOTE: Picture taken without air dam fitted.



Stage 11

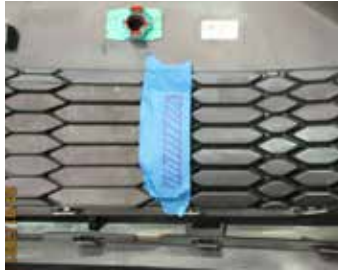
- Replace lower foam padding back to original position on reinforcement and trim lower padding to access steel mounting bolts when fitting protection bar.



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Stage 12

- Using measurement from alloy mount on protection bar, mark and cut lower grille.
- Double check measurement before cutting.



Stage 13

- Remove center parking sensors from bumper and relocate them into protection bar with zip ties (supplied).
- Refit sensor the same direction it was in bumper cover.



Stage 14

- Extend center parking sensor harness with extension wires and solder joiners supplied.
- Cover with 10mm split loom and tape each end.



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Stage 15

- Remove six (6) 10mm head bolts and two (2) push/pull clips from front splash guard.
- Remove guard.



Stage 16

- Refit bumper to vehicle using original equipment.
- Connect sensor harness in center of bumper and sonar harness behind grille badge.



Stage 17

- Fit protection bar onto steel mounts using two (2) M10 x 40 bolts, flat washers, spring washers and nuts (per/side).
- Access mounting area from under side of bumper.
- Align protection bar and tighten all bolts.
- Plug in sensors on protection bar and check for correct operation. Trim excess zip tie away.



Stage 18

- Refit underbelly guards using original fixings

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 steel mounts	2 - Zip ties 150 x 3.6mm
4 - M10 x 1.5 x 40mm bolts	24 - Solder joiners
8 - M10 flat washers	12 - Extension wires 240mm long
4 - M10 spring washers	2 - Split loom 250 mm long
4 - M10 nuts	

Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **NBT260SY** _____

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.

Register Online

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



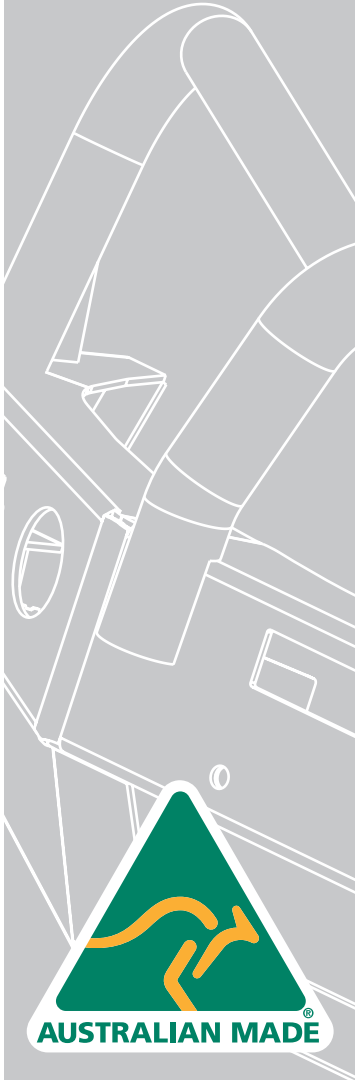
PN: NBT260SY
Please post to PO Box 122,
Margate QLD 4019

Finished Product



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