



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

**PN: NB6S101SY
NBS101SY**



**Fitting Guide &
Owners Manual
SUBARU OUTBACK
12/17-11/20**

63mm Series 2 Nudge Bar and 76mm Nudge Bar
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES



Index

Pages 3-5

ECB's Benefits

Product Care

Pages 6-7

Stage 1 - Vehicle Preparation

Stages 2 to 6 - Bumper Removal

Pages 8-9

Stage 7 - Washer Tube Protection

Stages 8 to 10 - Steel mount Installation

Stage 11 - Lower grille trim

Stage 12 - Bumper refit

Pages 10-11

Final Checks & Fitting Kit

Finished Product - 76mm Nudge Bar

Pages 12-13

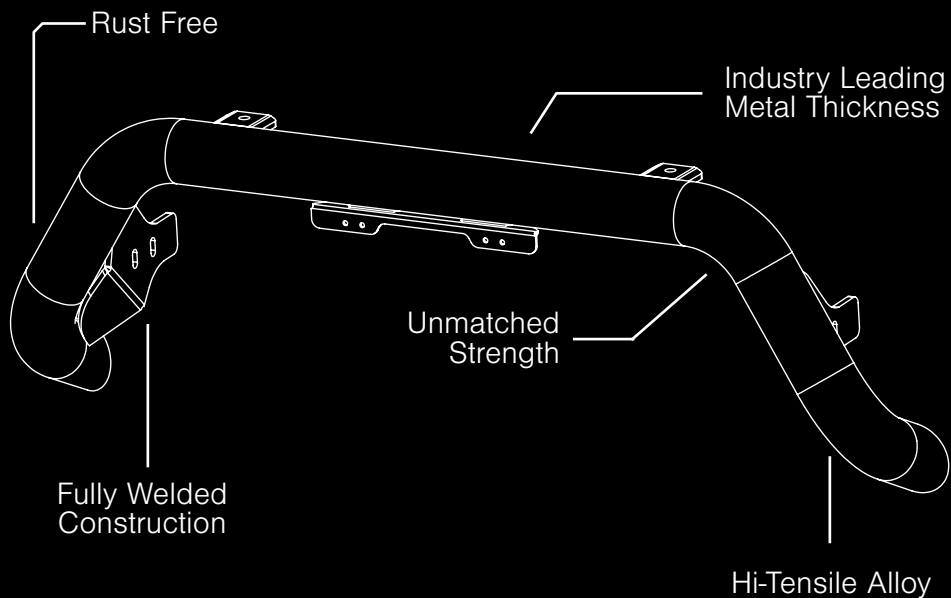
Finished Product - 63mm Nudge Bar

Warranty Registration

Pages 14-15

Notes

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 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.

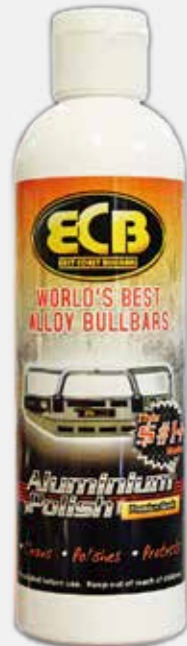
Powdercoated Products

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 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.



76mm & 63mm Series 2 Nudger Bar

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.



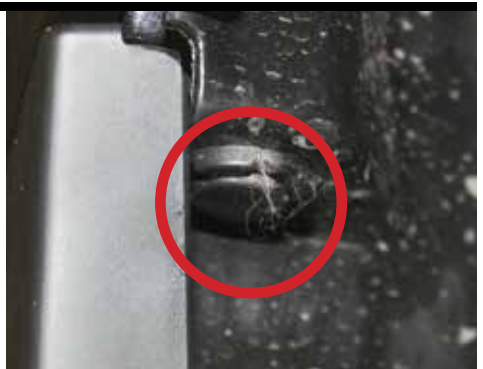
Stage 2

- If vehicle is fitted with headlight washers, gently pull away from the bumper and lift top tab to remove.



Stage 3

- At point where guard meets plastic bumper, remove one plastic push pull clip.



Subaru Outback

Stage 4

- From under vehicle around edge of bumper, remove nine plastic push pull clips. Pull lower inner guard away from bumper and unclip fog lights.



Stage 5

- Under bonnet between headlights, remove six plastic push pull clips from rear of plastic bumper at bonnet seal, to radiator support.
- Disconnect camera from the inside of right hand headlight.



Stage 6

- Gently pull bumper out from sides of vehicle to unclip from guard and forward to unclip from under headlight. Pull lower section of bumper forward and release top of bumper from clips on radiator support by pulling up. Remove bumper.
- Remove camera from bumper, two small phillips screws.



76mm & 63mm Series 2 Nudger Bar

Stage 7

- Install convoluted tubing (supplied) over washer tube under bumper support. This will protect the washer tube from rubbing on the ECB steel mount.



Stage 8

- Install ECB steel mounts (supplied) using two M8 x 100mm bolts, flat washers and nyloc nuts (supplied) each side. NOTE: Slide the mount up from below the chassis rail and fit rear bolt first.



Stage 9

- Using internal measurement of alloy mounts, set external steel mount measurement. Adjust if necessary.
- Ensure the steel mounts are level before tightening bolts.

Subaru Outback

Stage 10

- Trim the lower grille to allow the steel mounts to protrude. Use the measurements of the steel mounts as a guide.

Stage 11

- Refit the bumper in the reverse steps of 2 to 6.



Stage 12

- Trim the camera to allow installation. Install the camera into protection bar using two 8g x 12 self drilling screws. Align mount cover and attach using two 8g x 12 self drilling screws. Fit convoluted protection tubing to camera wiring.
- Fit the ECB Protection Bar to the ECB steel mounts using the M10 x 40mm bolts, flat washers, spring washers and nuts (supplied). Align protection bar.
- Feed camera wiring back through camera housing in bumper and reconnect.



Final Checks & Fitting 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. **Insure 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.

Fitting Kit

1 – Pair ECB Steel mounting brackets	4 – M8 x 100mm bolts
1 - Camera cover	8 – 5/16 x 1 ¼ flat washers
4 – M10 x 1.25 x 40mm bolts	4 – M8 nyloc nuts
8– M10 flat washers	4 - 8g x 12 self drilling screws
4 – M10 spring washers	3 x 250mm length 13.5mm convoluted split loom
4 – M10 x 1.25 nuts	

76mm Nudge Bar



63mm Series 2 Nudge Bar



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **NB6S101SY / NBS101SY** (Please Circle) _____

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

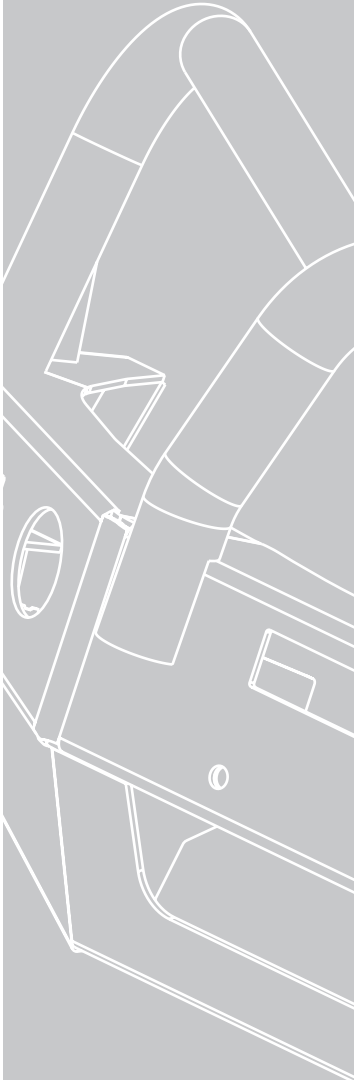
For online registration please go online to www.ecb.com.au/warranty-registration
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.

Or Post To:

PO Box 122, Margate, QLD 4019



REPLACES: 06/06/18
REVISED: 31/03/21



1800 069 145
www.ecb.com.au

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