



NBS81SY



Fitting Guide & Owners Manual

Subaru XV 09/17-ON

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

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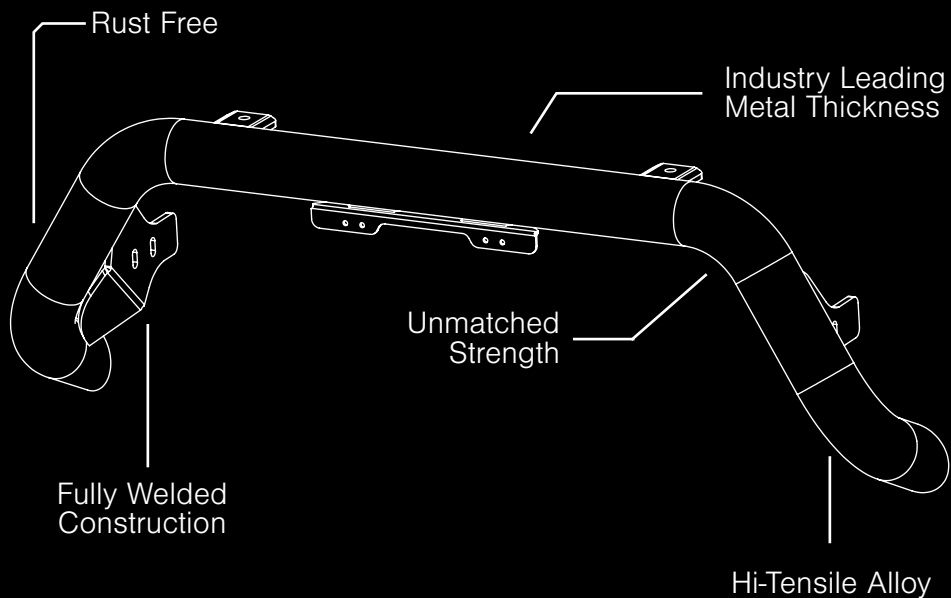
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The Features of ECB



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 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.**

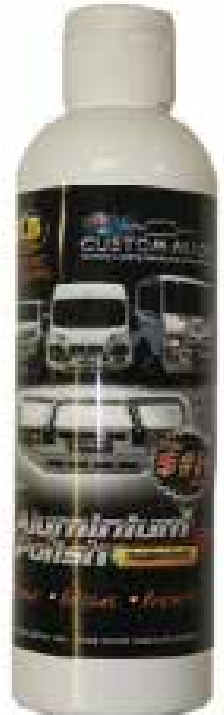
Powdercoated Products

Our powdercoated finishes are very low maintenance. In fact 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 Nudge Bar

Stage 1

- Road test vehicle to test all active driver assist technology is operational.
- Lift bonnet
- Ensure these instructions are left with the vehicle owner and/or operator.



Stage 2

- If vehicle has headlight washers, carefully pull washers out and unclip fascia to remove.



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Stage 3

- From front underside of inner guard / bumper join, remove (3) three push pull plastic clips
- Pull front of inner guard down and disconnect bumper lights.



Stage 4

- Along center of underbelly guard to bumper join, remove (4) push pull plastic clips.



76mm Nudge Bar

Stage 5

- At bumper guard join, remove (1) one center push plastic clip.



Stage 6

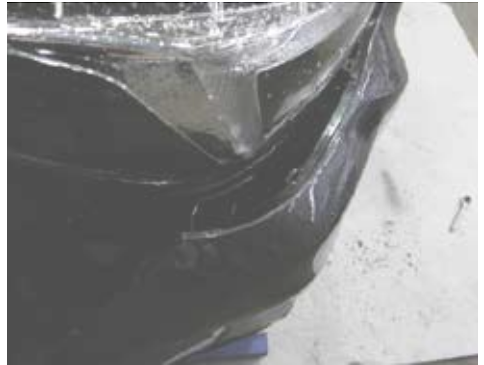
- From between headlights at rear of bumper, remove (6) six 10mm head bolts and (2)two push pull plastic clips



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Stage 7

- At bumper to guard join, carefully pull rear edge backward to unclip from hole keeper and out from side of vehicle to unclip from bumper guard joiner clips.
- Once unclipped from side of guard, pull bumper forward to unclip under headlight.
- *Tip: hold center of bumper to stop bumper from falling forward when unclipping the last side*



Stage 8

- From bumper support, remove polystyrene infill section.



76mm Nudge Bar

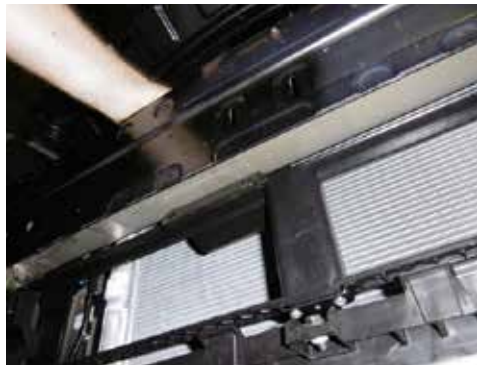
Stage 9

- On headlight washer hose, unclip plastic holding clip on either side of center plastic clip on bumper support .
- Install 200mm of split loom tube to headlight washer hose at this point to avoid rubbing on ECB steel mounts when fitted.



Stage 10

- In center of vehicle, carefully slide ECB rear steel mounts behind bumper support with uneven holes to top.
- Hook bottom of ECB rear steel mount over top of air dam system so mount will be between air dam and bumper support.



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Stage 11

- Align outer top hole in ECB rear steel mount with round hole beside slot where plastic hose keeper clip was situated on bumper support.
- Affix ECB front steel mount through hole and rear steel mount using (4) four M10 x 1.5 x 40 bolts, flat washers, spring washers and nuts.
- Finger tighten only



Stage 12

- Align ECB steel mounts to center of vehicle and at 646mm outside to outside of mounts. Mounts should be vertical.
- Tighten all bolts starting with top bolts on each side.



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Stage 13

- Trim polystyrene to fit around ECB steel mounts and refit to vehicle



Stage 14

- Using measurement of ECB steel mounts, mark and cut grille to allow ECB steel mount to protrude.
- *TIP: When measuring, check your markings more than once to ensure correct cuts. This will allow you to cut only what you require.*



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Stage 15

- Refit bumper as per reverse of steps 2 to 7

Stage 16

- Install ECB protection bar to ECB steel mounts using (4) four M10 x 1.5 x 35 bolts, Flat washers, spring washers, and nuts.



Stage 17

- Align ECB protection bar to vehicle and tighten all bolts



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. **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.

Fitting Kit

1 - Pair ECB rear steel mounts	24 - M10 flat washers
1 - Pair ECB front steel mounts	12 - M10 spring washers
8 - M10 x 1.5 x 40mm bolts	12 - M10 x 1.5 nuts
4 - M10 x 1.5 x 35mm bolts	2 - 200mm length, 10mm split loom tube

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **NBS81SY** _____

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

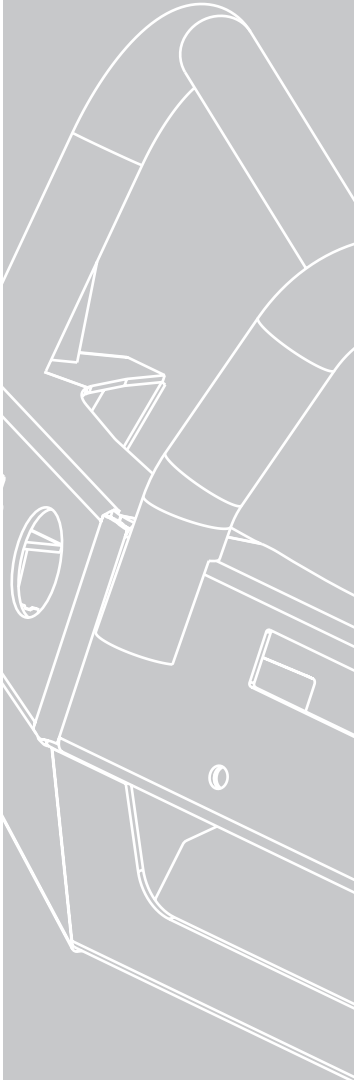
For online registration please go online to www.ecb.com.au/warranty-registration
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.



PN: NBS81SY
Please post to PO Box 122,
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