



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: NBM33SY

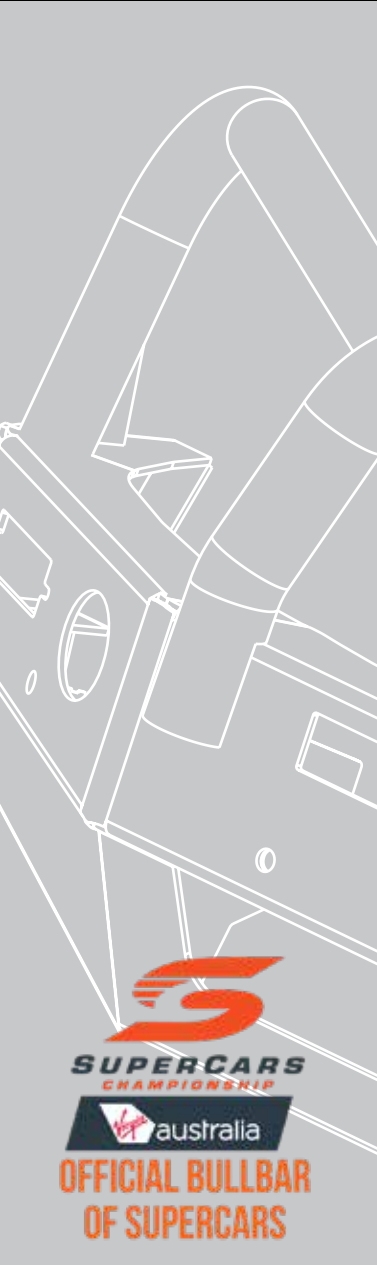


Fitting Guide & Owners Manual

Mitsubishi ASX MY20

09/2019 on

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



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The Features of ECB

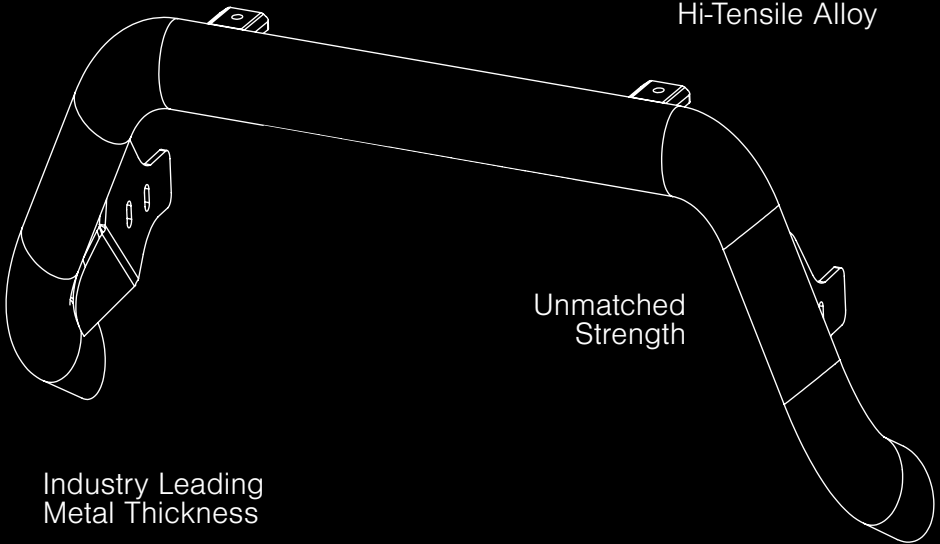
Rust Free

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 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 bars 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.



Stage 2

- Remove top radiator cover, ten (10) push pull clips.



Stage 3

- Remove front grille, two (2) push pull clips either side of head lights.
- Gently pull grille forward and remove.
- Remove five (5) 10mm head bolts from top of bumper.
- Unplug fog light harness below bonnet release latch.



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Stage 4

- From outer corners of lower grille, remove two (2) 10mm head bolts.



Stage 5

- Underside of bumper remove eleven (11) push pull clips from bumper to underbelly join.



Stage 6

- From front of wheel arch remove one (1) 10mm head bolt.
- Gently pull flare away from bumper and guard. Care must be taken with plastic retaining clips.
- Remove two (2) push pull clips from inner guard to bumper join and one(1) push pull clips from bumper to guard join.



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Stage 7

- Gently pull rear of wing away from vehicle to unclip from guard clips.
- Remove bumper.



Stage 8

- Working one side of the vehicle at a time, remove four (4) 12mm head bolts from the bumper support to the chassis rail.
- Pull bumper support away from vehicle and slide the ECB steel mounting brackets (supplied) between the bumper support and the chassis rail.
- Install using M8 x 35mm bolts, spring washers and flat washers. Finger tighten only.



Stage 9

- Align mounts and bumper support central to vehicle and level. Outside measurement of steel should match inside measurement of Protection bar.

CAUTION: Ensure mounts are well clear of radiators. (Mounts on development vehicle had 3mm between mounts and radiators on each side).

- Tighten all bolts.

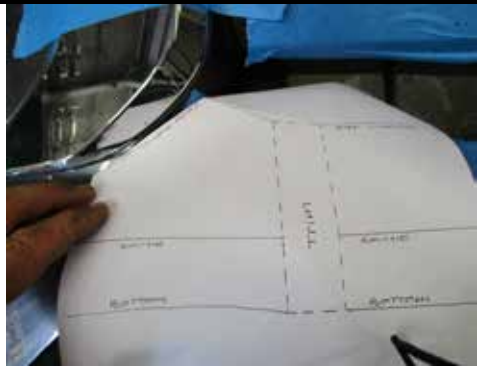


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Stage 10

- Using paper masking tape, mask area to be cut to avoid damage.
- As printers vary, check measure template to ensure correct sizing.
- From this instruction, using sharp scissors, carefully cut out template.
- Mark and cut bumper using jigsaw, hack saw or similar.

CAUTION: Double check all marked lines before trimming.



Stage 11

- Re-fit the bumper bar using the original fasteners, clips and covers.
- Do not refit clips for underbelly guards at this time.



Stage 12

- Fit ECB protection bar to mounts using M10 x 40mm bolts, flat washers, spring washer and nuts (supplied). Rear bolt is accessible from under vehicle.
- Align protection bar and tighten all bolts.



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Stage 13

- Install underbelly guards clips and with original equipment clips.



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	4 - M10 x 1.5 nuts
4 - M10 x 1.5 x 40mm bolts	8 - M8 x 1.25 x 35mm bolts
8 - M10 flat washers	8 - 5/16 x 1 1/4 flat washers
4 - M10 Spring washers	8 - M8 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/warranty-registration.
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.



PN: NBM33SY
Please post to PO Box 122,
Margate QLD 4019

Notes

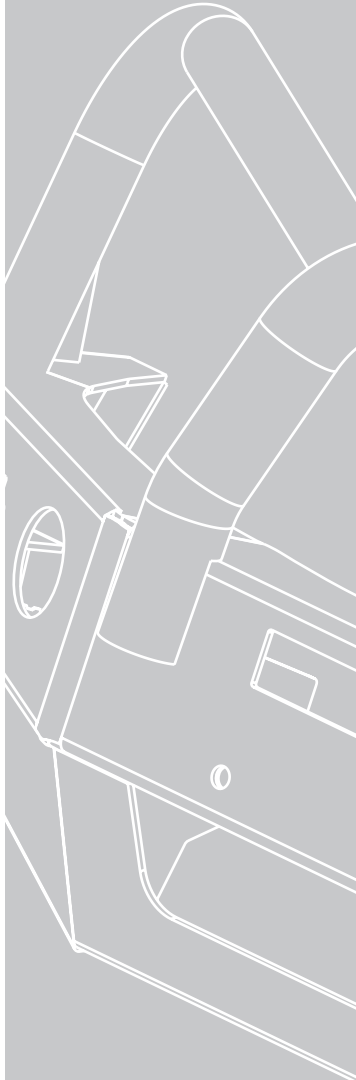


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_____ Full Name

_____ Date

REPLACES: N/A
REVISED: 28.11.19



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www.ecb.com.au

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