



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN:NBMB100SY



Fitting Guide & Owners Manual

Mercedes Benz X Class (04/18-ON)

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



**OFFICIAL BULLBAR
OF SUPERCARS**

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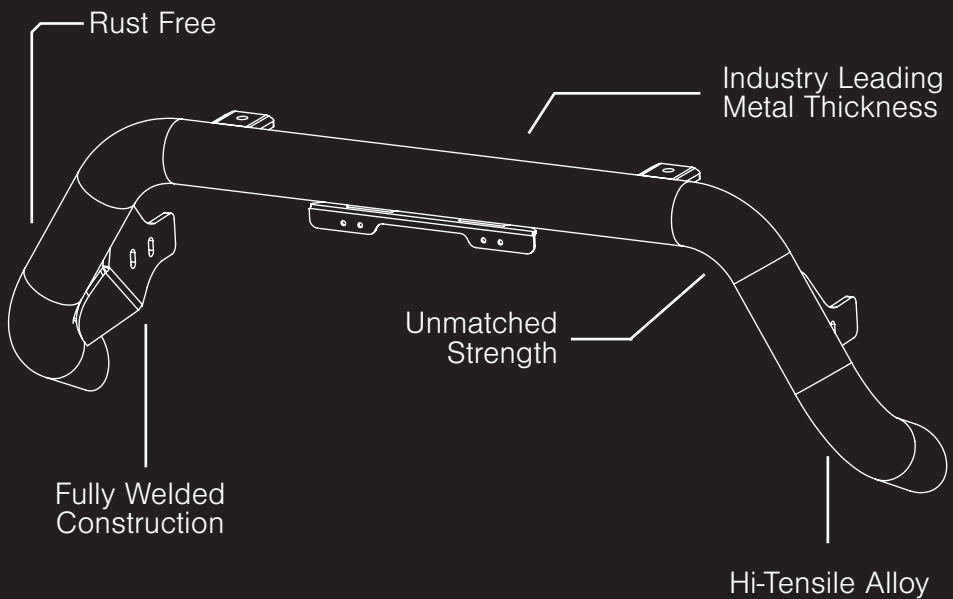
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The Features of ECB



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 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.**

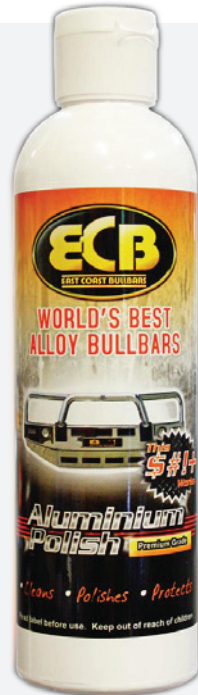
Powdercoated Products

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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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 (13) thirteen push pull plastic clips from top cover plate of grille.



Stage 3

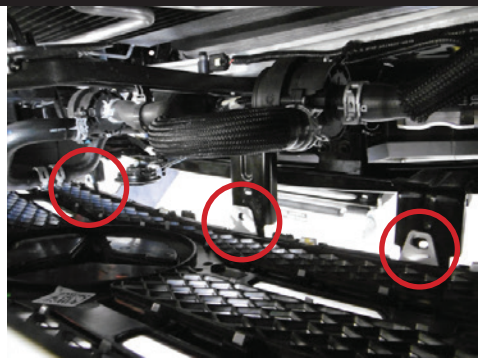
- From front of wheel arch, remove (1) one T20 Torx screw (per side).
- Under front of bumper, remove (2) two 10mm head bolts from bumper lower cover to inner guard.
- Pull inner guard rearward to expose rear of bumper.
- Disconnect Lights, camera and FM antenna from left hand radiator support and bumper washers from right hand inner guard.



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Stage 4

- Remove (1) one push pull plastic clip from top of grille to headlight.
- From bottom of grille, remove (3) three plastic push pull clips.



Stage 5

- Remove (1) one 10mm head bolts from bumper guard join.
- Remove (6) six 10mm head bolts from centre lower bumper cover. Remove cover.
- Remove (4) four 10mm head bolts from bumper to underbelly splash guard.



Stage 6

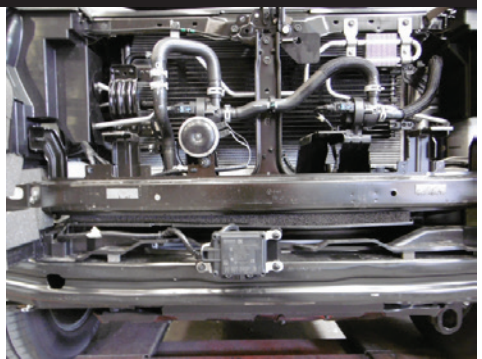
- Carefully pull sides of bumper away from guard and forward on vehicle.
- Remove bumper from vehicle.
- CAUTION: Pull bumper away carefully to ensure clips are not damaged and all electrics are disconnected.



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Stage 7

- Disconnect and remove sonar unit, (2) two 10mm head bolts, from vehicle. Retain for refitment. Caution needs to be taken when handling this unit. DO NOT scratch or drop the sonar unit.
- Remove air dams from top of bumper support.



Stage 8

- Working one side at a time, remove (2) two 17mm head bolts. Slide ECB steel mount onto bumper support and refit to vehicle using (2) two M12 x 40 bolts, spring washers and flat washers (supplied).
- Centralise and align mounts using measurement from ECB Protection bar as a width guide.
- Tighten all bolts.



Stage 9

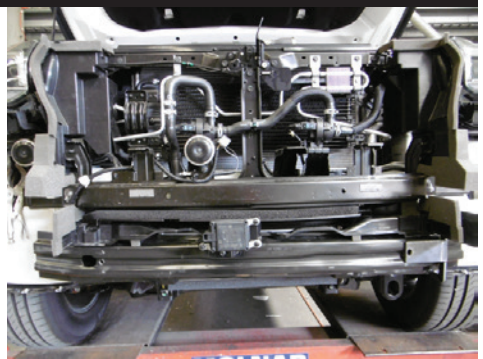
- Using the ECB steel mount as a guide, drill 10mm hole in front of bumper support.
- Blow filings clear and treat all exposed metal with a rust inhibitor.
- Install M10 x 40 bolt, spring washer, flat washer and nut and washer on 300mm wire (supplied) into previously drilled hole.
- Tighten all bolts.



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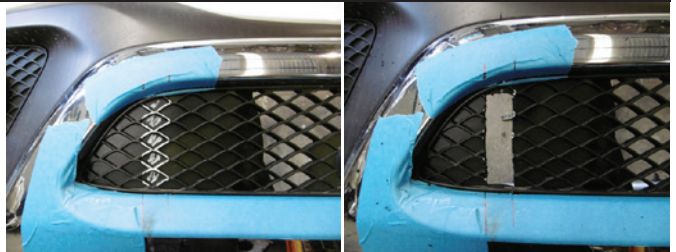
Stage 10

- Refit air dam and sonar unit to vehicle using original bolts and clips.



Stage 11

- Mark grille using measurement of ECB steel mounts.
- Trim grille to allow ECB steel mounts to protrude through grille.



Stage 12

- Remove parking sensors from bumper.
- Extend parking sensor wiring using wire and solder joiners (supplied).
- Place wiring into convoluted tubing (supplied) and tape to match the wiring in the vehicle.



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Stage 13

- Refit bumper back to vehicle as per reverse of steps 1 to 6.



Stage 14

- Install ECB protection bar onto steel mounts using (4) M10 x 40 bolts, flat washers, spring washers and nuts (supplied).
- Align ECB protection bar with vehicle.
- Tighten all bolts.
- Connect parking sensors.



Stage 15

- Install name plate mount onto bumper using (2) two M6 x 50 bolts, spring washers and flat washers (supplied).
- Fit two 28mm black plastic plugs (supplied) to parking sensor holes in lower grille.
- Ensure all electronics reconnected.
- Test all lights and electronic equipment for correct operation.



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 mounts	2 - M10 x 1.5 nut and washer on 300mm wire
1 - Name Plate Mount	2 - M6 x 50 bolts
4 - M12 x 1.25 x 40 bolts	2 - M6 spring washers
4 - M12 spring washers	2 - M6 flat washers
4 - M12 flat washers	4 - 350mm length single core wire
6 - M10 x 1.5 x 40 bolts	8 - Solder joiners
10 - M10 flat washers	2 - 370mm length 10mm convoluted tubing
6 - M10 spring washers	2 - 28mm black plug (ICINSERT28)
4 - M10 x 1.5 nuts	

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.



Please post to PO Box 112, Margate QLD 4019

Notes

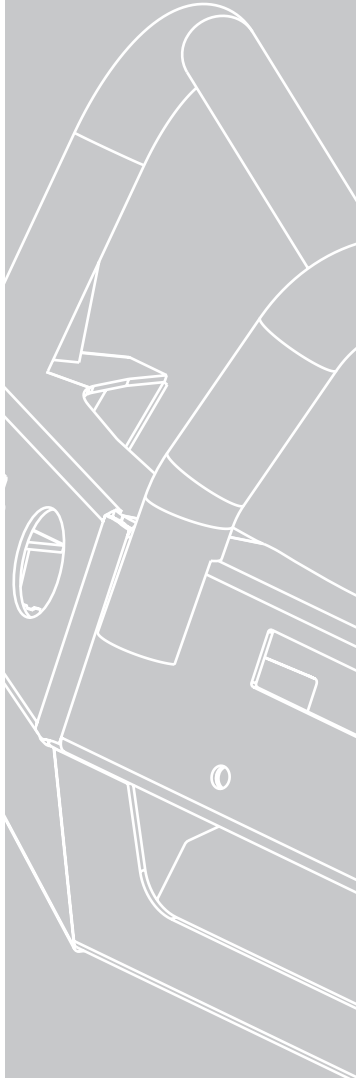


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 Full Name

 Date

REPLACES: N/A
REVISED: 04.06.18



1800 069 145
www.ecb.com.au

Strongest Built Australian Made Lifetime Warranty

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