



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN:BMA90SY



Fitting Guide & Owners Manual MAZDA CX-9 (06/17-ON)

Big Tube Bar
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES



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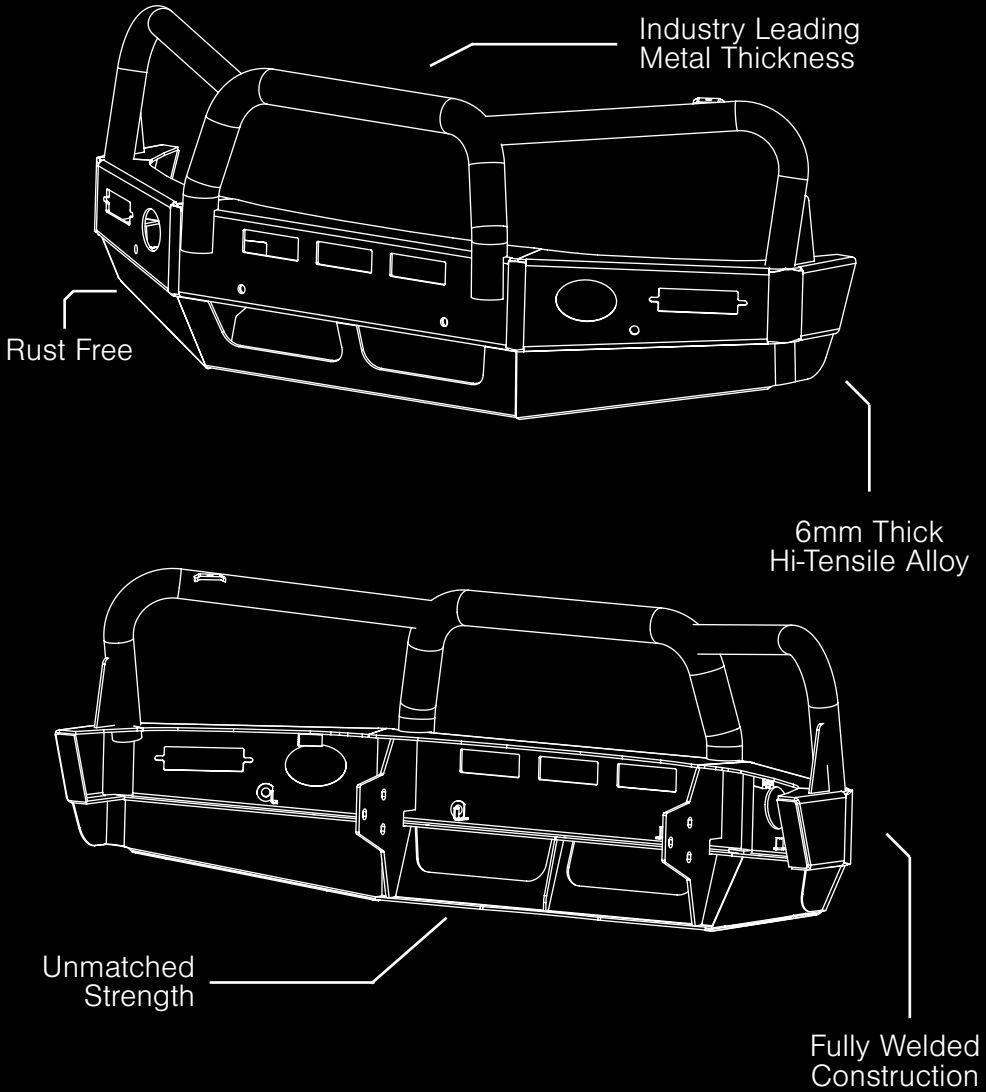
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The Features of ECB



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 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.

ECB Big Tube Bar

Stage 1

- Road test vehicle to check all active safety equipment is operational.
- Lift bonnet



Stage 2

- From top of grille, remove 6 push pull plastic clips and (4) four 10mm head bolts
- On inside front of wheel arch, remove (4) push pull plastic clips and (1) one 10mm head screw in bumper/ guard join.



Stage 3

- Under center of bumper, remove (8) eight 10mm head bolts and (2) push pull clips.
- Pull center of underbelly cover down to reveal (2) two further push pull plastic clips. Remove clips



Mazda CX-9 (06/17-ON)

Stage 4

- Gently pull bumper away from sides of guards, then forward to release clips from under headlights.



Stage 5

- Gently remove grille and disconnect center sensors and bumper lights



Stage 6

- Remove water bottle (3) three 12mm head bolts, to gain access to rear hole in rear of crash can



ECB Big Tube Bar

Stage 7

- Remove top wind deflector. Loosen (1) one 10mm head bolt (per side) on inner side of headlight. Lift plastic to reveal (1) one push pull plastic clip. Remove push pull plastic clips.
- In center of deflector remove (1) one 10mm head bolt.
- Remove deflector.



Stage 8

- Remove wind deflector from bottom of chassis, push pull plastic clips.



Stage 9

- Wind nut onto tow pin supplied.
- Install tow pin to front of vehicle. Wind tow pin in completely, then back 2 turns for correct position.
- Do not tighten nut at this time.



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Stage 10

- Remove (2) two 12mm head bolts from outer side of bumper support / chassis rail join.



Stage 11

- Place 5mm steel spacer and attach side steel mount to front of bumper support/ chassis rail join using (2) M10 x 1.25 x 40 bolts, spring washers and flat washers(supplied). Finger tighten only
- Install (2) M10 x 1.5 x 125 bolts, flat washer, spring washers and nuts(supplied) into side of bumper support.
- Repeat for opposite side of vehicle.



ECB Big Tube Bar

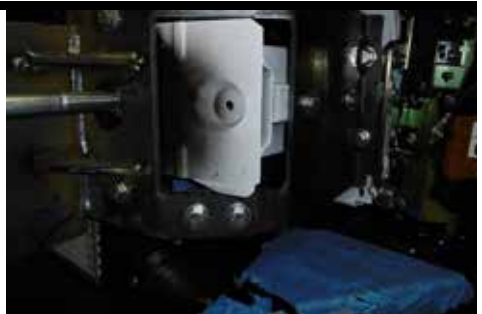
Stage 12

- Attach front cross section of mount to vehicle using (4) M10 x 1.5 x 40 bolts, flat washers, spring washers and nuts (supplied) (per side).
- Slide steel clamp plate behind bumper support, between radiator mounting plates. Install to front cross section of mount using M10 x 1.5 x 100 bolts, flat washers, Tube spacers to top bolts, spring washers and nuts. (supplied)



Stage 13

- Align mount to center of vehicle. Starting at chassis rail bolts, tighten all bolts.
- Tilt tow pin at a slight angle to Steel mount to allow easy fitment of bolts. Lock nut into position on front of bumper support to stop tow pin twisting. Ensure tow pin is secure to vehicle.



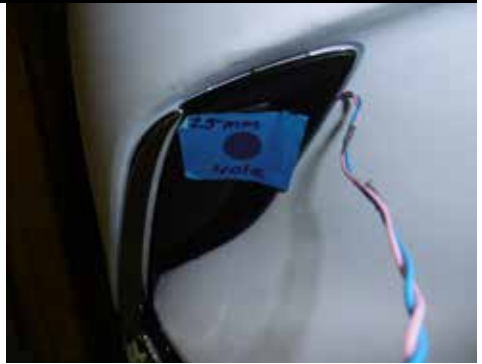
Stage 14

- Refit water bottle to vehicle using original equipment bolts.

Mazda CX-9 (06/17-ON)

Stage 15

- Disconnect parking sensors and remove from bumper.
- Extend center parking sensors only using 300mm wire and solder wire joiners (supplied) through parking sensor holes in bumper. Cover wiring with split loom tube (supplied)
- Drill 25mm hole in top of trim above fog light. Unclip wiring from around fog light to allow enough length to clip to Protection bar.



Stage 16

- Find bumper cut template in instructions. Check measure scales to ensure correct sizing. Cut template from instructions using scissors or similar.
- Using a paper style tape, mask area to be cut. This protects bumper from excess damage.
- Attach template to bumper in correct location and mark position of bumper cut. CAUTION: measure twice, so once you cut, it is correct.
- Cut bumper as per marked area.

Stage 17

- Splice ECB wiring harness into wiring harness behind headlight using cable locks (supplied). Ensure harness is clear of sharp edges and moving parts.

Stage 18

- Refit bumper in reverse of steps 2 to 6.
- Ensure parking sensor wiring is forward of the bumper.

ECB Big Tube Bar

Stage 19

- Attach parking sensors to protection bar using zip ties supplied.



Stage 20

- Fit ECB LED indicator / park lights into protection bar as per instructions supplied with the LED indicator kit.
NOTE: Ensure park light correct way up



Stage 21

- Attach 6mm clip lock trim (supplied) to top of ECB protection bar. NOTE: Trim off lower edge on an angle so trim will sit flush with end of protection bar.
- Attach 6mm clip lock trim (supplied) to cut out for tow hook in ECB protection bar skirt



Mazda CX-9 (06/17-ON)

Stage 22

- Install protection bar to inside of steel mounts using (6) six M12 x 1.5 x 40 bolts, Flat washers, spring washers and nuts. Finger tighten only.
- Place bolts from outside of mount for best result



Stage 23

- Align Protection bar with vehicle. Tighten all bolts. See finished product page for photos.

Stage 24

- Connect indicators and parking sensors. Check all electronics for correct operation.

Fitting Kit

1 – Pair side steel mounts

1 - Front cross section

2 – 5mm steel spacer plates (BMA90SY_A5MS)

1 – pair steel clamp plate (BMA90SY_C6MS)

1 – M20 Tow pin

2 – 10Nb x 40mm tube spacers

1 – M20 x 2.5 nut

6 – M12 X 1.75 X 40 Bolts

12 – M12 flat washers

6 – M12 spring washers

6 – M12 X 1.75 nuts

4 – M10 x 1.25 x 40 bolts

4 – M10 x 1.5 x 120 bolts

4 – M10 x 1.5 x 100 bolts

8 – M10 x 1.5 x 40 bolts

40 – M10 flat washers

20 – M10 spring washers

16 – M10 x 1.5 nuts

1 – INDI/Parklight/DRL Kit (ICLE-D105ECB)

8 – cable locks

4 – 300mm length single core wire

8 – Solider joiners

2 – 300mm length 10mm split loom tubing

1 - 2100mm length 6mm clip lock trim

1- 500mm length 6mm clip lock trim

8 – 300mm zip ties

Final Checks

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.

Finished Product



Official Bullbar of SuperCars



Join us this year!

The first turbo diesel dual-cab SuperUtes were unveiled on Thursday 6th July in Townsville with confirmation that six different models are available for teams to race in the 2018 Series.

East Coast Bullbars (ECB) was confirmed as naming rights partner of the ECB SuperUtes Series from 2018 onwards, continuing its association with the hugely popular Utes racing category in Australia.

ECB is the Official Bullbar of the Supercars Championship and also the naming rights sponsor of the ECB V8 Utes in 2017.

“We are incredibly proud to be the naming rights partner for the inaugural ECB SuperUtes Series which will showcase our world class product in what is one of the largest segments in the Australian automotive industry,” said Ray Smith-Roberts, Managing Director – East Coast Bullbars

Keep an eye out for ECB at SuperCars events near you!

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.

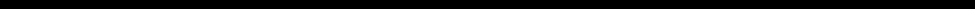
Or Register Online

For online registration please go online to www.ecb.com.au/warranty. 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



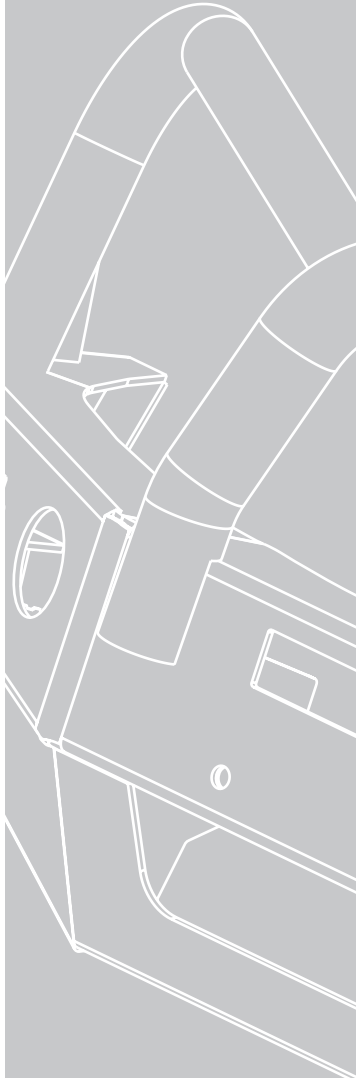
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 Full Name

 Date

REPLACES: 08/02/2018

REVISED: 27/02/2018



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Strongest Built Australian Made Lifetime Warranty

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