



**WORLD'S BEST  
ALLOY BULLBARS**

**Strongest Built  
Australian Made  
Lifetime Warranty**

**PN:8MA52SY  
NB6MA52SY  
NBMA52SY**



# **Fitting Guide & Owners Manual**

## **Mazda BT50**

### **5/18 on**

Type 8, Series 2 Nudge Bar, and 76mm Nudge Bar  
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)  
FOR AIR BAG & ADR COMPLIANT VEHICLES



**OFFICIAL BULLBAR  
OF SUPERCARS**

# Index

---

## **Pages 3-5**

ECB's Benefits  
Product Care

## **Pages 6-7**

Stage 1 - Vehicle Warning Note  
Stage 2 - Vehicle Preparation  
Stage 3 to 7 - Bumper and grille removal

## **Pages 8-9**

Stage 8 - Bumper removal  
Stage 9 to 10 - Air vent and underbelly removal  
Stage 11 to 12 - Mount installation  
Stage 13 to 14 - Plastics trim and refitment  
Stage 15 - Bumper refitment  
Stage 16 - Protection Bar installation

## **Pages 10-11**

Final Checks & Fitting Kit  
Finished Product

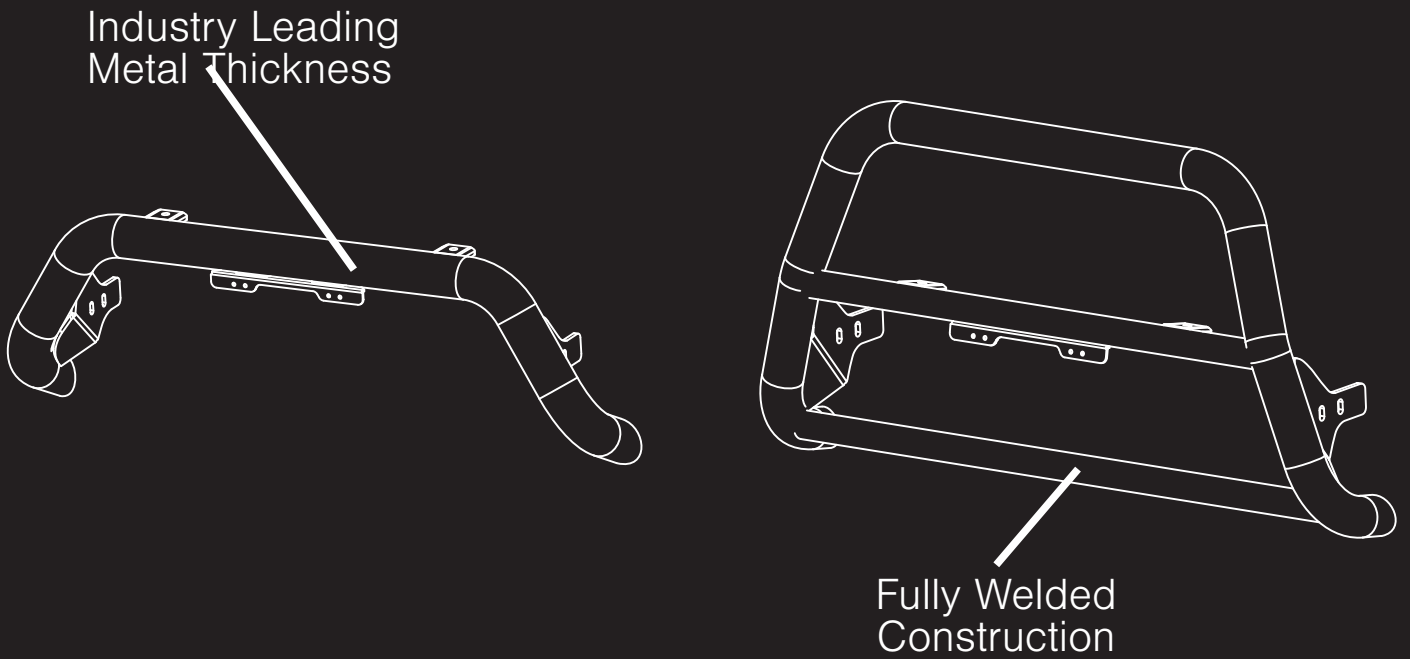
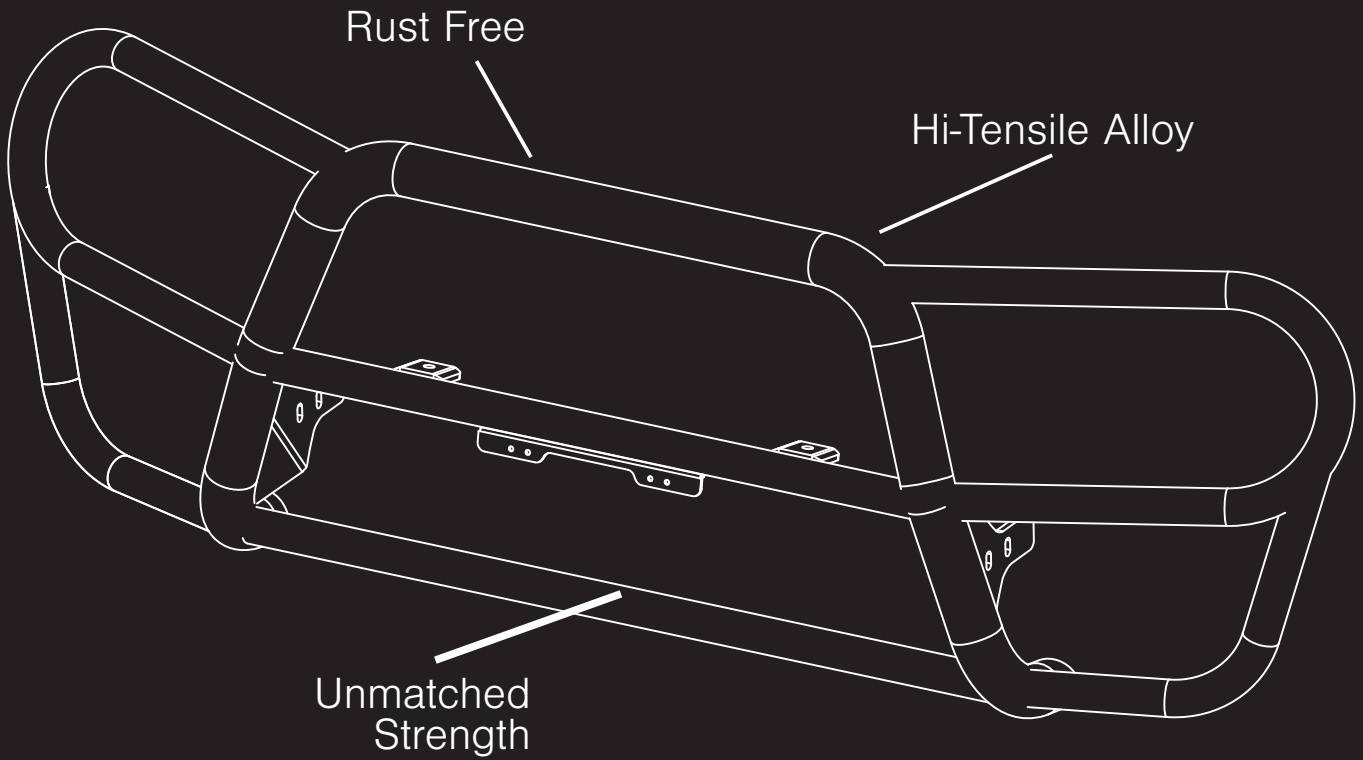
## **Pages 12-13**

Current Promo - TBC  
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 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.



# Nudge and Loop Bars

---

## Stage 1

- Check your vehicle against the vehicle shown in the picture opposite. If your vehicle does not match the vehicle shown, you have the incorrect product for your vehicle. please call ECB to help resolve your problem.



---

## Stage 2

- 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 3

- Under front of wheel arch remove four (4) plastic screw clips and one (1) PK screw (per side), where bumper meets guard.
- Pull inner guard away from bumper.

# Mazda BT50 05/18on

---

## Stage 4

- Remove four (4) 10mm head bolts from underside of bumper. Disconnect fog lights (if fitted).

## Stage 5

- Remove three (3) push pull clips from top cover on grille. Slide hand under cover and push centre of clip to rear to remove two (2) clips on sides and eight (8) clips holding front of cover. Remove cover. **CAUTION:** Excessive force will damage clips on cover.



## Stage 6

- Remove two (2) push pull plastic clips from top outer corners of grille. On bottom of grille, gently press centre of clip down to release clip while pulling grille up and forward. Release all clips on grille.



## Stage 7

- From behind grille remove one (1) 10mm head bolt and one (1) push pull plastic clip from inner lower corner of headlight and two (2) plastic screw clips from under grille.

# Nudge and Loop Bars

---

## Stage 8

- Gently pull side of bumper out to release from guard clips. Remove bumper.

---

## Stage 9

- Remove plastic air dam from front of bumper support, four (4) push pull plastic clips.

---

## Stage 10

- Remove two (2) grey plastic clips from plastic air dam on rear of bumper support and two (2) 15mm head bolts from front of under body steel guard. Loosen only the rear bolts from the under body steel guard and remove.

---

## Stage 11

- Remove bumper support, four (4) 15mm head bolts.

---

## Stage 12

- Fit ECB steel mounting bracket (supplied) to front of chassis by sliding down from top of chassis. Rear of steel mounting bracket will be tight on outside of chassis. This is an expansion fit.
- Refit four (4) original equipment bolts with 6mm washers to inside hole and (2) two M10 x 40 bolts, flat washers, spring washers and nuts (supplied) to hole on inside of chassis.

**NOTE:** Should the chassis mount not be level and square, a hammer may need to be used to realign the front of the chassis at the connection points on the vehicle to achieve a level and aligned mount.





# Mazda BT50 05/18on

---

## Stage 13

- Fit plastic air dams to rear of ECB mounting bracket using two (2) M6 x 30 bolts, washers and nyloc nuts (supplied). **NOTE:** Do not overtighten bolts as it will crack the plastic.

---

## Stage 14

- Trim radiator air damn to allow access to rear bolts on protection bar fitment. Refit using original equipment bolts.



---

## Stage 15

- Refit bumper using original bolts and clips. Refit front of under body steel guard using original equipment bolts.

---

## Stage 16

- Fit ECB alloy protection bar to ECB steel mounting bracket using four (4) M10 x 40 bolts, flat washers, spring washers and nuts (supplied). Align protection bar. See finished bar photos, Page 11. **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. **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

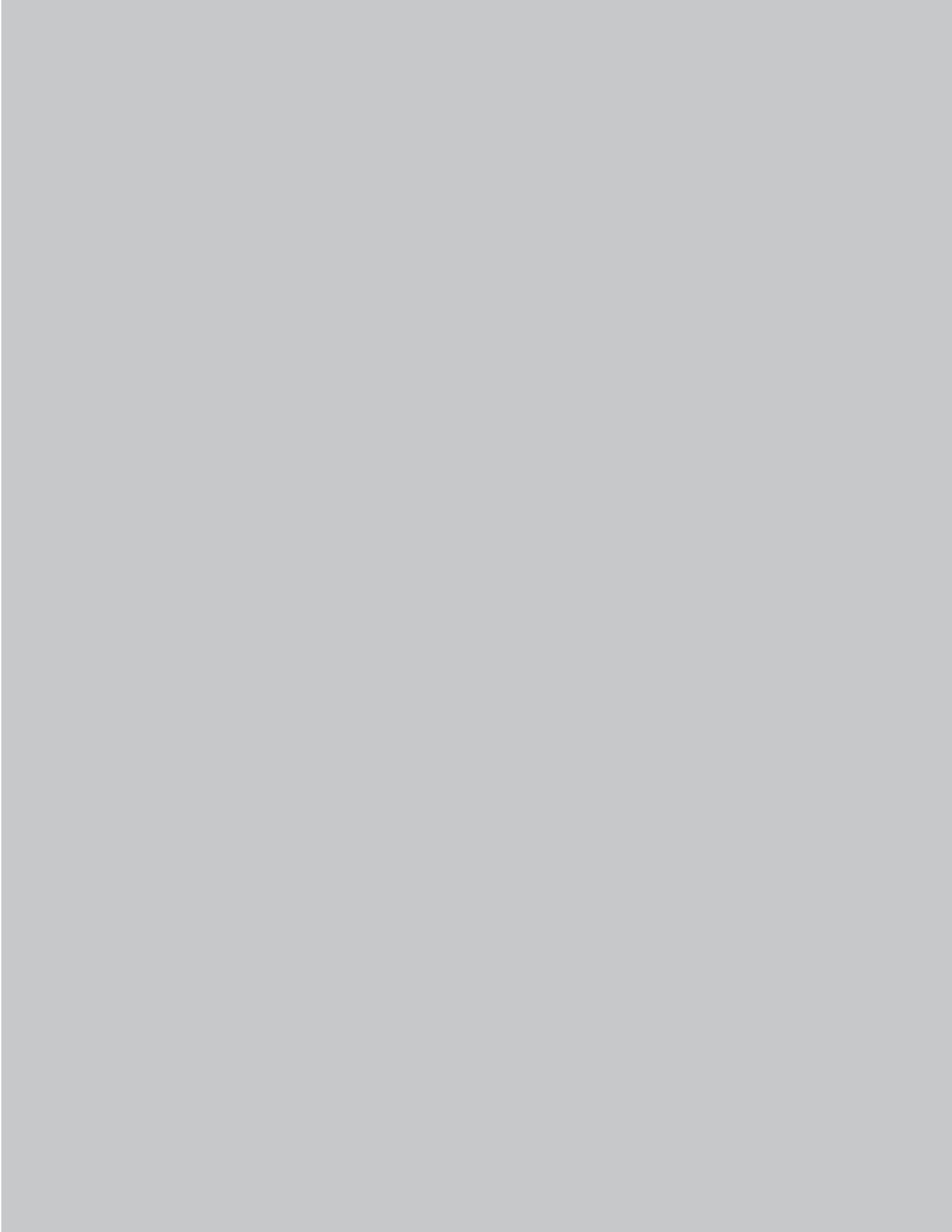
1 – ECB Steel mounting bracket	6 – M10 spring washers
2 – 40 x 40 x 6 washer, 13mm hole	6 – M10 nuts
4 – M10 x 1.5 x 40 bolts	2 – M6 x 30 bolts
2 – M10 x 1.5 x 40 bolt and washer on 300mm wire	4 – M6 flat washers
10 – M10 flat washers	2 – M6 nyloc nuts

# Finished Product



# Current Promo TBC

---



# 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](http://www.ecb.com.au/TBC). If you have any  
questions please contact our national office on 1800 069 145 or [www.ecb.com.au](http://www.ecb.com.au).



**PN: #####**

**Please post to PO Box 112, Margate QLD 4019**



REPLACES: N/A  
REVISED: 19.07.18



**Strongest Built  
Australian Made  
Lifetime Warranty**

1800 069 145  
[www.ecb.com.au](http://www.ecb.com.au)

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