



WORLD'S BEST  
ALLOY BULLBARS

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**MMA39SY/ NB6MA39SY/ NBMA39SY**

REPLACES: 00.00.00  
REVISED: 19.10.10

## FITTING INSTRUCTIONS

### MAZDA CX-7 11/09on MIDI TUBE, SERIES 2 NUDGE BAR AND 76mm NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) BAR FOR AIR BAG AND ADR COMPLIANT VEHICLES

Required tools:

- 10mm Cobalt drill bit.
- 4mm Cobalt drill bit for pre drilling.

Check installation hardware before commencing.

1. Lift Bonnet
2. Remove bumper. **Underside of bumper:** One 8mm head screw (per side) from top rear of plastic bumper to guard, one plastic screw clip from lower front wheel arch (per side), three 8mm head screws from external underside of bumper into splash guard (per side) and two 10mm head bolt centre underside of plastic bumper. **Top of bumper:** one plastic screw clip and one PK screw (per side) beside headlamps, one plastic PK push pull clip on centre of grille to radiator support on Passengers side and two plastic PK push pull clips on air intake lower flange on driver side.
3. Carefully pull side of bar outward to release plastic clips at guard join. Disconnect fog lamps as bumper is removed.
4. Remove bumper support. Two 14mm head bolts from top of chassis rail (per side) and one 14mm head bolt from underside of chassis rail. **See figure 1.**
5. Fit ECB steel mounting brackets (supplied) to rear of bumper support tie areas. Align inside of mount to inside of tie panel on rear of support, pushing mounts as tight as possible to bumper support. Attach using two 3/8 x 1½ bolts, flat washers, spring washers and large nut plates (supplied). **Finger tighten only. See figure 2.**
6. Check protection bar mount width matches to steel mounts, inside - inside of protection bar to outside – outside of steel mounts. Align centrally and **tighten all bolts.**
7. Using steel mounting bracket as a guide, drill 10mm holes (using cobalt bits) through front of bumper support. **See figure 3. Note: Blow all filings from bumper support and treat all drilled holes with paint or rust proofing.** Install 3/8 x 1½ bolts, spring washers, flat washers and small nut plates (supplied). **Tighten all bolts.**
8. Refit bumper support using original bolts. **See figure 4.**
9. Find centre of lower bumper grille using a tape measure. Measure out from centre, half of the width between steel mounts. **See figure 5.** From this point measure 2mm back toward centre of vehicle and 8mm to outside vehicle, effectively allowing 10mm between lines. Use these lines to trim three central webs from grille. **See figure 6.**
10. Refit bumper cover to vehicle as per reverse of steps 2 and 3.



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11. Fit protection bar to vehicle using 3/8 x 1 ½ bolts, flat washers, spring washers and nuts (supplied). **Finger tighten only.**
12. Align protection bar with vehicle, ensuring fog lamps and tow hook are clear of tubes. **See figures 7 and 8** for 76mm Nudge Bar, **figures 9 and 10** for Series 2 Nudge Bar, **and figures 11 and 12** for Midi Tube bar. **Tighten all bolts.**

**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:**

- a) Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- b) Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- c) Do not remove the plaque or label from the VFPS.
- d) Do not modify the structure of the VFPS in any way.
- e) No accessory or fitment should project forward of the VFPS forward profile.
- f) **ENSURE THESE INSTRUCTIONS ARE LEFT WITH VEHICLE OWNER AND/OR OPERATOR.**

**IMPORTANT INFORMATION**

Periodically check bolts and nuts for correct tightness, especially if travelling on rough roads.

**FITTING KIT**

1 – Pair ECB steel mounting brackets.	2 – 3/8x 1 ½ bolts and washers on 300mm wire
2 – Large nut plates (3/8 nuts)	4 – 3/8 nuts.
2 – Small nut plates (3/8 nuts)	14 – 3/8 flat washers.
10 – 3/8 x 1 ½ bolts.	12 – 3/8 spring washers.



**Figure 1:** Bumper support panel bolts, three 14mm head bolts (per side)



**Figure 2:** Steel mount bracket mounted to bumper support panel



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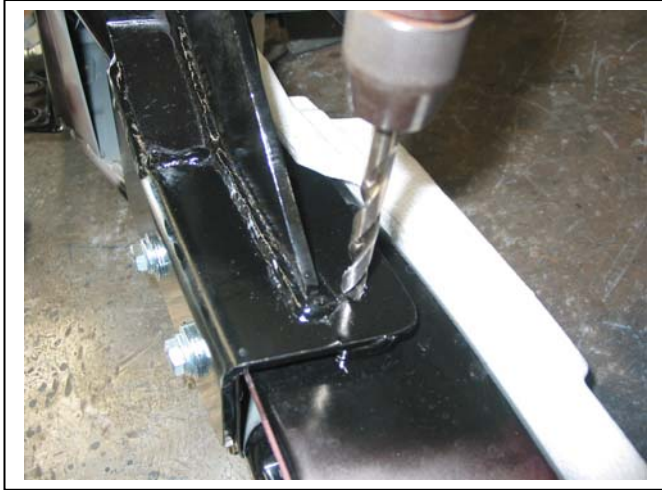
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**Figure 3:** Drilling underside of bumper support panel with cobalt bits



**Figure 4:** Support panel and mounts refitted to vehicle



**Figure 5:** Measuring from centre for mount openings in lower grille



**Figure 6:** Webs cut from grille



**Figure 7:** Front view 76mm Nudge Bar



**Figure 8:** Side view 76mm Nudge bar





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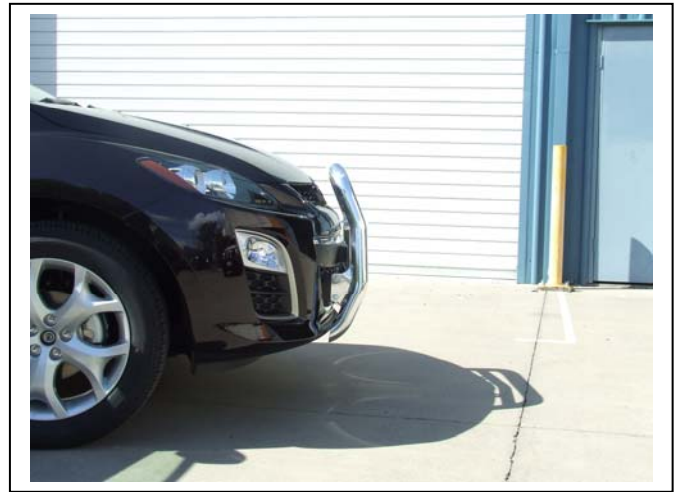
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**Figure 9:** Front view Series 2 Nudge Bar



**Figure 10:** Side view Series 2 Nudge Bar



**Figure 11:** Front view Midi Tube Bar



**Figure 12:** Side view Midi Tube Bar



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## *We value your comments*

Dear Fitter,

ECB would like to know how you went with the installation of this product. We value your comment and may need to contact you to clarify some details so please complete your contact details clearly.

We would appreciate if you could complete as many of the following details as possible.

<b>Your Name:</b>	<b>Your contact No.</b>
<b>Product Part No.</b>	<b>Product Invoice No.</b>
<b>Product Description:</b>	<b>Make, model, and year of vehicle:</b>
<b>Product Work Order No.</b>	<b>Company your from/Company product purchased from:</b>

**Date of fitment:** \_\_\_\_/\_\_\_\_/\_\_\_\_

Was the fitting hardware supplied complete?

Yes

No

If no what was not supplied

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Did the installation go well?

Yes

No

Please provide comments

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Please draw diagrams if you need to.

**Post to**

Reply Paid 122

PO Box 122

Margate QLD 4019

**Fax to**

(07) 3283 1168



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## DESPATCH CHECKLIST MMA39SY / NB6MA39SY / NBMA39SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Pair ECB steel mounting brackets.
- 2 – Large nut plates (3/8 nuts).
- 2 – Small nut plates (3/8 nuts).
- 1 – Bolt Kit.



Is this product “the best it can be” Yes \_\_\_\_\_ / \_\_\_\_\_  
Wrapper's initials / Checker initials  
 If NO fix before continuing

All parts checked and completed by:

Nut and bolts: \_\_\_\_\_ Date \_\_/\_\_/\_\_

Order control: \_\_\_\_\_ Date \_\_/\_\_/\_\_

Final wrap check: \_\_\_\_\_ Date \_\_/\_\_/\_\_



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