



WORLD'S BEST
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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8M38SY / NB6M38SY / NBM38SY

REPLACES: 10.02.10
REVISED: 28.06.10

FITTING INSTRUCTIONS

MITSUBISHI ZH OUTLANDER 9/09 on TYPE 8, 63mm SERIES 2 NUDGE BAR and 76mm NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet.
2. Remove bumper to radiator cover; four plastic clips.
3. Remove under body guard; six plastic clips and five 10mm head bolts from under body guard to rear of bumper, eleven plastic clips from guard to sub-frames and inner splash guards.
4. Remove bumper cover; three 10mm head bolts from under radiator cover, disconnect light wiring and light washer tubing (where required) from under lock and drivers side, **see figure 1**, two plastic screws clips from front of wheel arch (per side), two plastic clips where under body guard was removed, one plastic clip from top rear of wing (one per side) and one 10mm head bolt in front and two plastic push clips from behind grille under number plate mount. Unclip sides of bumper by pulling outward away from vehicle.
5. Remove wiring from top of bumper support. **See figure 2**. Remove bumper support from vehicle, four 13mm head bolts (per side) and two 10mm head bolts from central lock support.
6. With ECB steel mounting bracket (supplied) on floor, insert bumper support into centre of mount. Attach ECB steel mounting bracket to bumper support using one M8 x 30 bolt, spring washer and flat washer (per side)(supplied). **Do not tighten**.
7. Refit bumper support and ECB steel mounting bracket to front of chassis rails using four M8 x 40 bolt, spring washers and flat washers (per side) (supplied) and refit two 10mm head bolts to centre. Centralise mount to vehicle and **tighten all bolts**. **See figure 3**.
8. Using ECB steel mounting bracket as a guide, drill two holes (per side) through front of bumper support. **See figure 4**. **Blow all fillings clear and treat all exposed metal with a rust inhibitor**. Fit two M8 x 30 bolt, flat washers, spring washers and nuts. **Tighten all bolts**.
9. Remove plastic air dam from rear of bumper, three push pull plastic clips and trim top at screw leaving enough plastic to hold foam in rear of bar. Trim lower grille to allow mount to protrude forward through bumper. **See figure 5**.
10. Refit bumper cover and under body guard as per reverse steps 2-4.
11. Position ECB protection bar on outside of steel mounting brackets using four 3/8 x 1 1/2, flat washers, spring washers and nuts (supplied). **Finger tighten only**.
12. Align protection bar with vehicle. **See figures 6, 8 and 10** for front holes and **figure 7, 9 and 11** for rear holes.



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13. Tighten all bolts.

ENSURE NUMBER PLATE IS CLEARLY VISABLE

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:

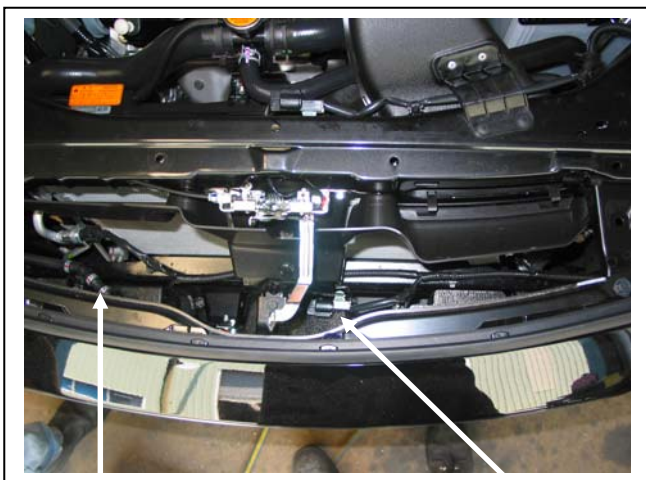
- a) Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- b) Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- c) Do not remove the plaque or label from the VFPS.
- d) Do not modify 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 – Steel mounting bracket.	4 – M8 nuts
6 – M8 x 1.25 x 30mm bolts.	4 – 3/8 x 1 1/2 bolts
8 – M8 x 1.25 x 40mm bolts.	8 – 3/8 flat washers
18 – 8mm flat washers.	4 – 3/8 spring washers
14 – 8mm spring washers.	4 – 3/8 nuts



Light washer connection

Figure 1

Light wiring connection

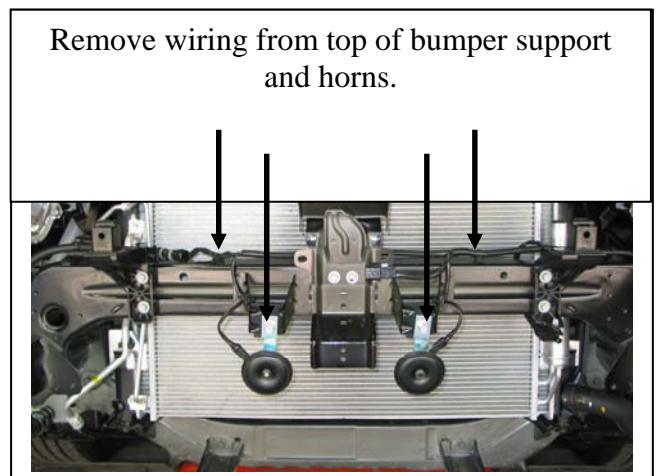


Figure 2



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Figure 3

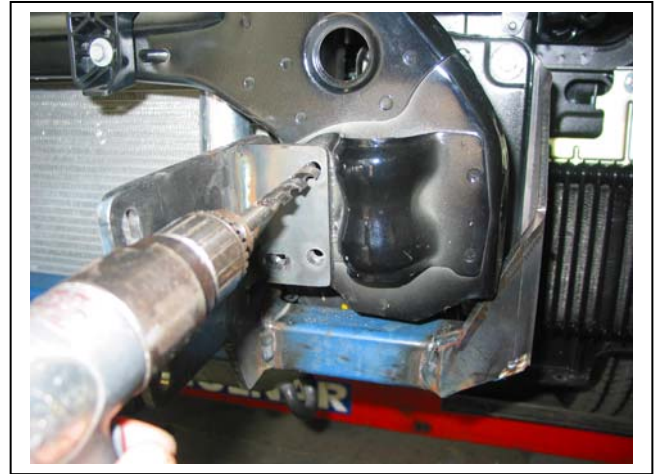


Figure 4 – Passenger side shown



Figure 5 – Measure mount for distance apart on grille



Figure 6– Type 8 front view shown



Figure 7– Type 8 side view shown



Figure 8 – 63mm Series 2 Nudge Bar front view shown



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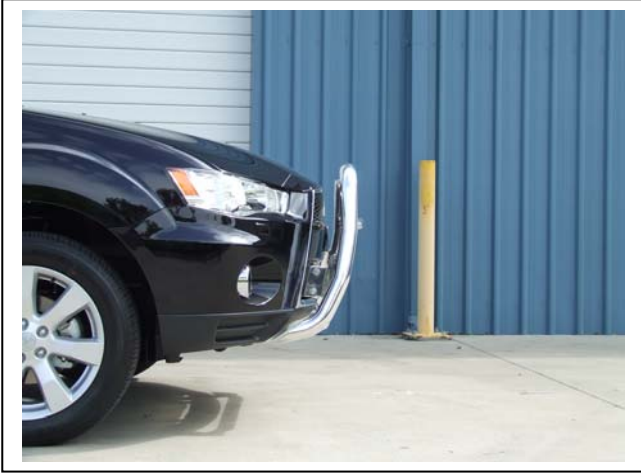


Figure 9 – 63mm Series 2 Nudge Bar side view shown



Figure 10 – 76mm Nudge Bar front view shown



Figure 11 – 76mm Nudge Bar front view shown



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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.

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

Date of Fitment: ____/____/____

Was the fitting hardware supplied complete?

Yes

No

If no what was not supplied

Did the installation go well?

Yes

No

Please provide comments

Please draw diagrams if you need to.

Post to
Reply Paid 122
PO Box 122
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Fax to
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DESPATCH CHECKLIST 8M38SY / NB6M38SY / NBM38SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Steel mounting bracket.
- 1 – Bolt Kit.

**See other side of
this page for
photos of all
mounts**



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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