



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

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NBM31SY

REPLACES: 10.08.17

REVISED: 00.00.00

FITTING INSTRUCTIONS

MITSUBISHI ASX 6/2016 on 76mm NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Park the vehicle on level ground and apply the hand brake. Lift Bonnet
2. Remove six push pull clips from the radiator cover. Gently lift cover and pull rearward to remove. **See figure 1.**
3. From inside of headlight in the grill area, remove two 10mm head bolts securing the bumper to radiator support and one 10mm head bolt securing the latch mechanism. **See figure 2.**
4. Remove one 10mm head bolt from the inside of front wheel arch flares, gently pull the wheel arch flares away from the vehicle. **See figure 3.**
5. From behind the front of the flares, remove one 8mm head screw from the guard join and two push pull clips.
6. Remove the push pull clips from the underbody guards and remove the guards. **See figures 4 & 5.**
7. Disconnect the wiring harness to the right-hand side of the bonnet lock mechanism.
8. Remove one 10mm head bolt (each side) from the outside of the lower grill. **See figure 6.**
9. Carefully pull out and unclip the sides of the bumper then move forward to unclip from the headlights, remove bumper completely.
10. Remove temperature sensor from left hand side of bumper support. Remount to available hole on front face of bumper support.
11. Working one side of the vehicle at a time, remove four 12mm head bolts from the bumper support to the chassis rail. Pull bumper support away from vehicle and slide the ECB steel mounting brackets (supplied) between the bumper support and the chassis rail. Install using M8 x 40 bolts, spring washers and flat washers (supplied). **See figure 7.**
12. Align mounts and bumper support central to vehicle and level. Outside measurement of steel should match inside measurement of Protection bar. Ensure mounts are well clear of radiators. (Mounts on development vehicle had 3mm between mounts and radiators on each side). Tighten all bolts.
13. Cut lower grille for chassis mounts to protrude. **See figures 8 and 9.**
14. Re-fit the bumper bar using the original fasteners, clips and covers. Do not refit underbelly guards at this time.
15. Fit ECB protection bar to mounts using M10 x 40 bolts, flat washers, spring washer and nuts (supplied). **See figures 10 and 11.** Rear bolt is accessible from under vehicle. Align protection bar and tighten all bolts.
16. Install underbelly guards with original equipment clips.



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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 – Pair Steel Mounting Brackets	4 – M10 nuts
4 – M10 x 1.5 x 40 bolts	8 – M8 x 1.25 x 40 bolts
8 – M10 flat washers	8 – 5/16 x 1 ¼ flat washers
4 – M10 spring washers	8 – M8 spring washers



Figure 1



Figure 2



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Figure 3



Figure 4



Figure 5



Figure 6

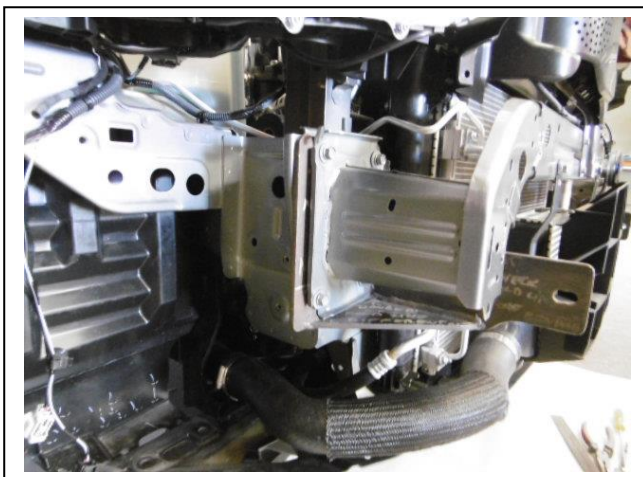


Figure 7

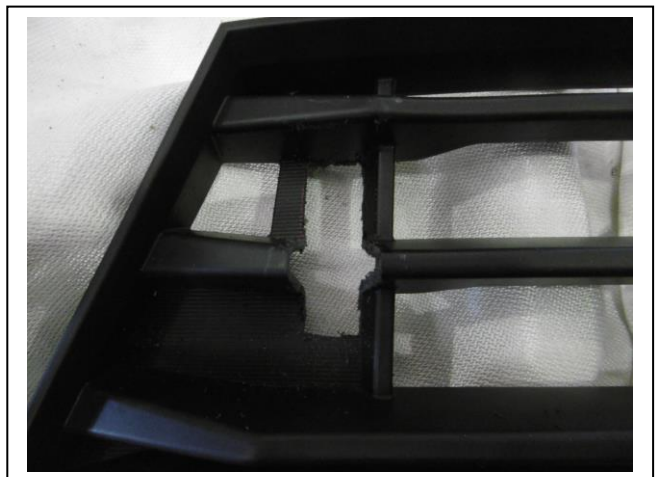


Figure 8



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Figure 9



Figure 10



Figure 11



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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 you're 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
(07) 3283 1168



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DESPATCH CHECKLIST NBM31SY

Work Order #		See other side of this page for photos of all mounts
Finish:		
Transport:		
Due Date:		

OC....1 – Pair Steel mounting brackets.
BK....1 – Bolt Kit.

_____/_____
Wrapper's initials / Checker initials



Is this product “the best it can be” Yes
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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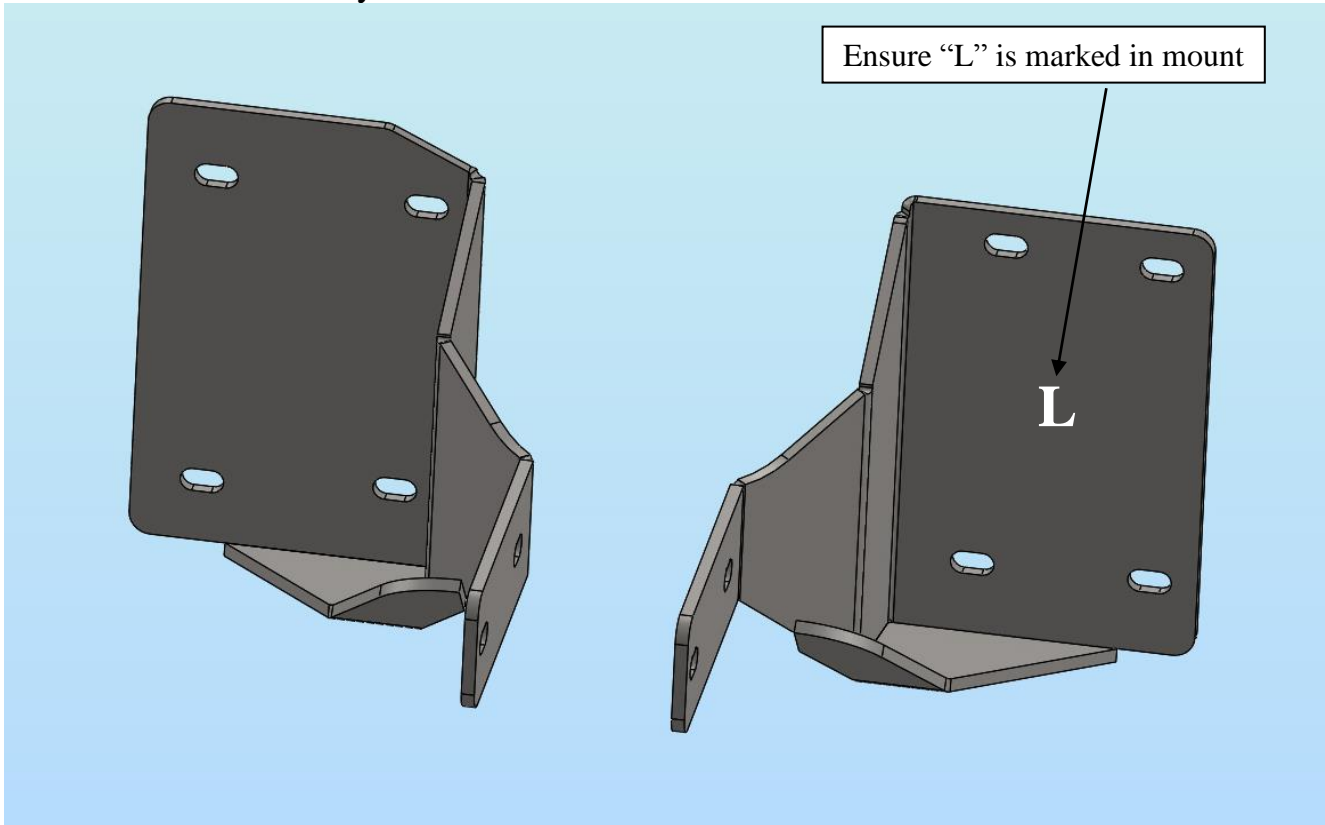
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Chassis Mount assembly



_____/_____
Wrapper's initials / Checker initials