



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

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NBM146SY

REPLACES: 23.08.10
REVISED: 26.08.14

FITTING INSTRUCTIONS

mitsubishi challenger 07/14on 76MM NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Remove steel under body guard. Completely remove two 12mm head bolts at front, loosen only two rear 12mm head bolts, slide under body guard forward to drop away from rear bolts of vehicle and remove from vehicle. **See figure 1.**
2. Using a sharp knife or similar tool trim grille to accept ECB steel mounting brackets. **See figure 2.**
3. Install ECB steel mounting brackets onto sides of chassis rails using one M10 x 1.25 x 40 bolt, spring washer and flat washer (per side) (supplied) for rear holes. **Note:** Passenger side has no captive nut, use flat washer, spring washer and nut supplied in bolt kit. **Note:** Use top hole in mount for driver's side and lower hole in mount for passenger's side. Fit one M10 x 1.25 x 50 bolt, spring washer and flat washer (per side) (supplied) for front holes in mount. **See figure 3.** Align mount to vehicle and **TIGHTEN ALL BOLTS.**
4. Refit steel under body guard by placing front against body above plastic bumper and move as far forward as possible, placing onto rear bolts and moving back. Refit original front bolts. **TIGHTEN ALL BOLTS.**
5. Attach ECB protection bar to outside of ECB steel mounting brackets using M10 x 40 bolts, flat washers, spring washers and nuts. **FINGER TIGHTEN ONLY. See figure 4 and 5.**
6. Align ECB protection bar to front of vehicle. **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



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FITTING KIT

1 – pair ECB steel mounting brackets	8 – M10 spring washers
6 – M10 x 1.25 x 40 bolts	5 – M10 nut
2 – M10 x 1.25 x 50 bolts	13 – M10 flat washers

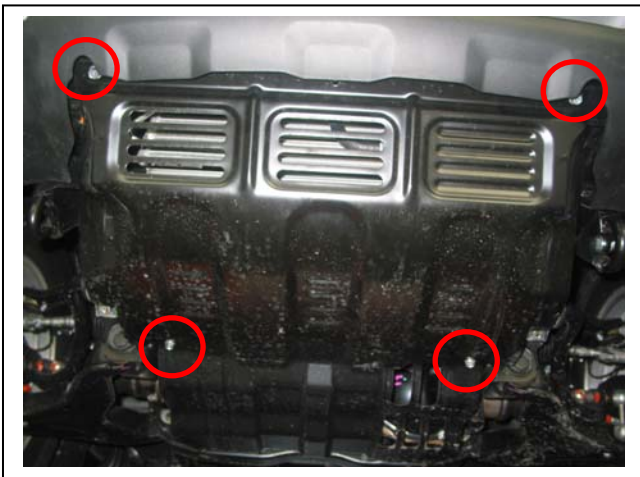


Figure 1: Under body guard bolts to remove.

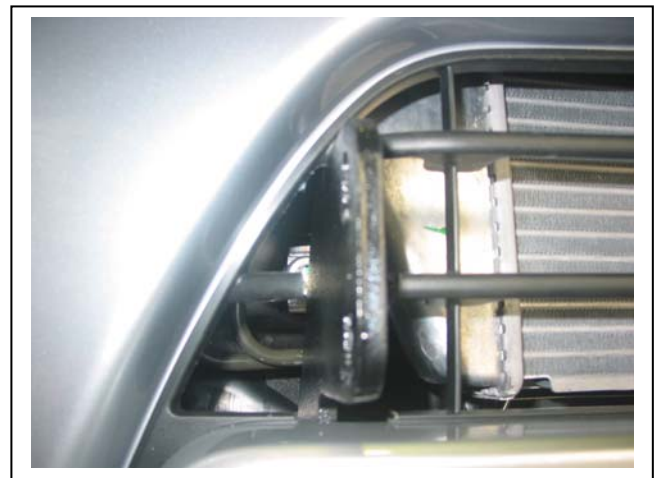


Figure 2: Grille trimmed to accept steel mount on driver side.



Figure 3: Steel mount fitted to vehicle with bumper removed for photo.



Figure 4: Side view



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Figure 5: Front view



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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

(07) 3283 1168



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DESPATCH CHECKLIST NBM146SY

ICZBKTM145



Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Pair steel mounting brackets.
- 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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