



WORLD'S BEST
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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NBM111SY

REPLACES: 00.00.00
REVISED: 6.10.16

FITTING INSTRUCTIONS

PAJERO SPORT 01/16- 76mm NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Remove two 12mm head bolts from front of stone tray, loosen rear two bolts and remove stone tray from vehicle.
2. Fit 58mm tube spacer and 3/8 x 4 bolt and flat washer (supplied) into rail on each side as shown in **figure 1**.
3. Drill 25mm hole through passenger side chassis as shown in **figure 2**. **Blow filings clear and treat all exposed metal with a rust inhibitor**. Fit 3/8 x 2 bolt, spring washer and flat washer (supplied) through the drilled hole and out the existing hole. Slide 30mm spacer tube (supplied) onto the bolt.
4. Fit ECB steel mounting brackets (supplied) onto outside of chassis rail using 3/8 flat washer, spring washer and nut (supplied) in rear hole. Use 3/8 x 4 bolt, flat washers, 58mm tube spacer, spring washer (supplied) and nut in middle hole used in step 2. M10 x 1.25 x 30mm bolt, spring washer and flat washer (supplied) in front hole.
5. Align mounts to front of vehicle and **TIGHTEN ALL BOLTS**. See **figure 3**.
6. Remove top cover of grille. Twelve plastic clips along top and gently pull up.
7. Remove two push pull clips behind grille. Pull grille directly outwards to release two white clips and undo camera plug, place grille away. See **figures 4 and 5**.
8. Lever clips around the outside of the lower grille while putting slight pressure onto it to pull it forward slightly.
9. Pull sensor clips apart gently and remove both sensors from the grille. See **figure 6**
10. Using the supplied numberplate adapter as a template, mark the hole in the bottom grille for relocating the camera system. See **figure 7**.
11. Cut out a hole which will fit the camera and feed the wiring through the hole.
12. Attach the numberplate adapter to the front of the grille using two M6 bolts and flat washers, securing the camera system in place and reconnect camera. See **figure 8**.
13. Refit the lower grille.
14. Fit ECB protection bar onto outside of steel mounting brackets using M10 x 1.25 x 40mm bolts, flat washers, spring washers and nuts (supplied) in rear hole per side. Fit M10 x 1.25 x 40mm bolt and washer on wire, flat washer, spring washer and nut (supplied) in front hole per side.
15. Align protection bar to front of vehicle. See **figure 9** for front view and **figure 10** for side views. **Tighten all bolts**.



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16. Pull parking sensor loom through the grille and attach the parking sensors to the mounts in the bar as they were attached to the bumper. **CAUTION: The plastic clips are directional, make sure the clip marked UP is on top.**
17. Test parking sensors for correct operation.
18. Refit the top grille and cover in reverse of steps 5-7 and stone tray in reverse of step 1.

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 – Drivers mounting bracket	2 – M10 x 1.25 x 40mm bolts
1 – Passenger mounting bracket	3 – M10 x 1.25 x 30mm bolts
1 – Numberplate adapter	2 – M10 x 1.25 x 40mm bolt and washer on 300mm wire
2 – Tube spacers 10NB x 58 mm	10 – M10 Spring washers
1 – Tube spacer 10NB x 30 mm	16 – M10 flat washers
2 – 3/8 x 4 bolts	7 – M10 x 1.25 nuts
1 – 3/8 x 2 bolt	2 – M6 x 20 bolts
3 – 3/8 nuts	2 – M6 flat washers



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Figure 1

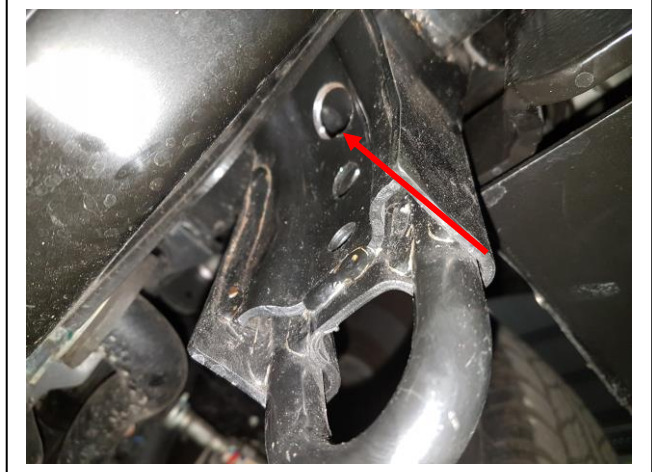


Figure 2



Figure 3

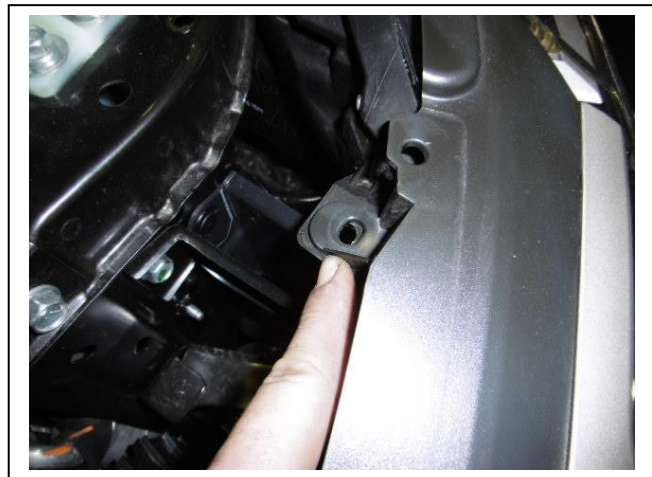


Figure 4

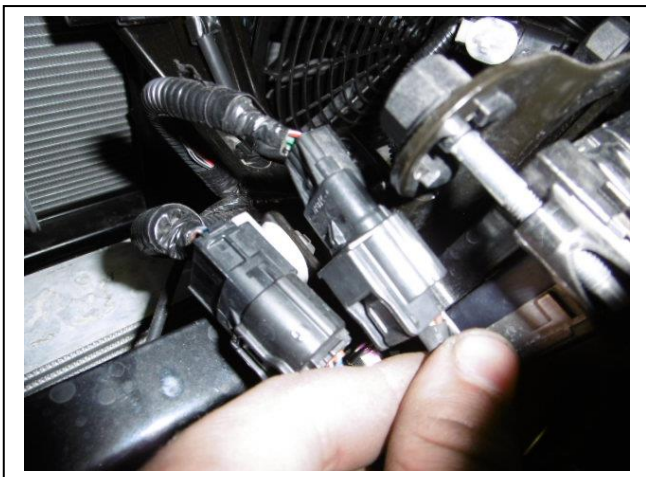


Figure 5



Figure 6



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Figure 7



Figure 8



Figure 9



Figure 10



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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 NBM111SY

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

- OC..... 1 – Drivers side steel mounting bracket.
- OC..... 1 – Passengers side steel mounting bracket.
- OC..... 1 – Number plate Adaptor
- BK..... 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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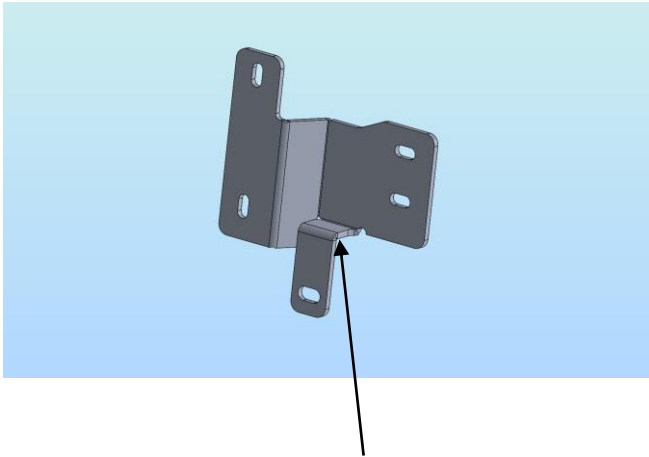
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Ensure the PASSENGER SIDE has a folded rear section.



Drivers side is NBM155SY mount



Number plate adaptor