



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

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NB6K49SY

REPLACES: 00.00.00
REVISED: 15.05.13

FITTING INSTRUCTIONS

KIA SORENTO 63MM STANDARD NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet
2. Remove two 10mm head bolts from outer edge of grille, four black push pull clips from top of radiator panel, two push pull clips from underside of bumper (per side) one phillips screw from rear wing (per side). Unplug bumper lights and parking sensors. Carefully pull out on rear wing to unclip bumper away from guard. **See figure 1.** Pull forward to release from under headlights.
3. Remove lower stiffener, two 10mm head nuts (per side). **See figure 2.**
4. Working on one side at a time, remove one 10mm head nuts and four 12mm head bolts and slide ECB steel mount (supplied) between front bumper support and chassis rail. **See figure 3.** Refit using four M8 x 30 bolts, spring washers and flat washers (per side) (supplied) and original equipment 10mm head nut. **Finger tighten only.**
5. Repeat step 4 for other side of vehicle.
6. Align ECB steel mount to suit measurement from inside of ECB alloy protection bar and centralise to vehicle. **Tighten all bolts. See figure 4.**
7. Refit lower stiffener using original nuts.
8. Using inner measurement of steel mount, mark grille for cut. Ensure marking is central to the grille and hole size is large enough in width to take ECB steel mount. Cut height is through grille only. **DO NOT** cut into plastic bumper skin. **See figure 5 and 6.**
9. Mask bumper section around cut outs to protect from damage and carefully refit plastic bumper, as per reverse of step 2.
10. Fit ECB protection bar to ECB steel mounts using four M10 x 40 bolts, flat washers, spring washers and nuts.
11. Align ECB protection bar to vehicle. **See figure 7 and 8.** 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.



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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

2 – ECB steel mounts	4 – M10 x 1.25 nuts
4 – M10 x 1.25 x 40 bolts	8 – M8 x 1.25 x 30 bolts
16 – M10 flat washers	8 – M8 spring washers
4 – M10 spring washers	



Figure 1: Pull rear of plastic bumper out from vehicle to release clips.



Figure 2: Remove lower bumper support, two 10mm bolts per side.



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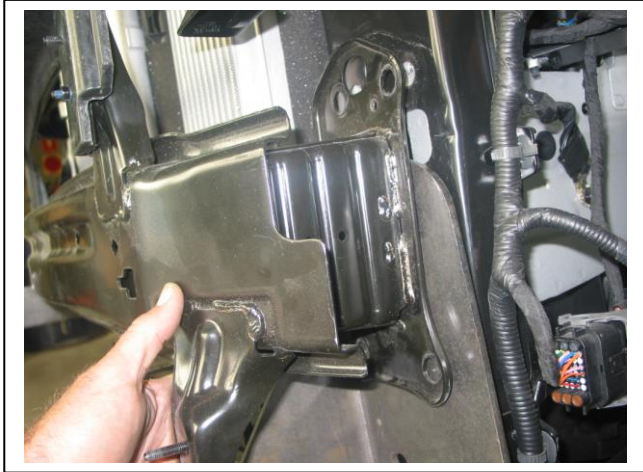


Figure 3: Sliding mount between bumper support and chassis rail.



Figure 4: Steel mount fitted to vehicle.



Figure 5: Grille marked for cut

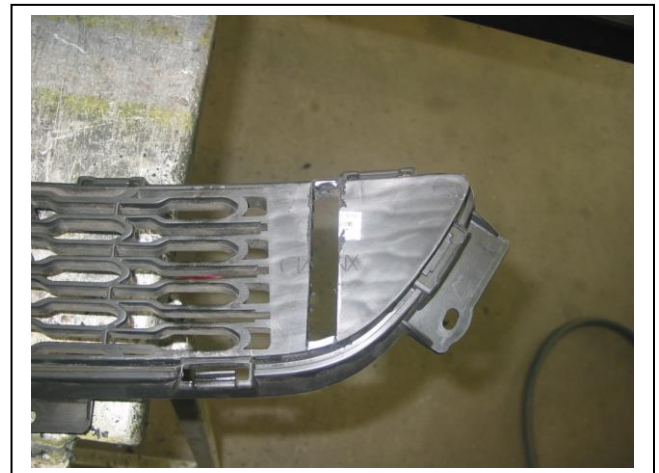


Figure 6: Grille after cut



Figure 7: Front view



Figure 8: Side 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 NB6K49SY

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

- 1 – Pair Steel mounting brackets.
- 1 – Bolt Kit.

All parts checked and completed by:

Nut and bolts: _____ Date __/__/__

Order control: _____ Date __/__/__

Final wrap check: _____ Date __/__/__



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Wrappers initials / Checkers initials