



**WORLD'S BEST  
ALLOY BULLBARS**

**East Coast Bullbars (ECB Pty Ltd)**

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## **NB6K51SY**

*REPLACES: 00.00.00*  
REVISED: 31.05.2016

### **FITTING INSTRUCTIONS KIA SORENTO 5-2015 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, one phillips screw from rear wing (per side). Six 10 mm head bolts from underside of bumper, three push pull clips from front of guard liner per side. Unplug bumper lights and parking sensors if required. Remove headlight washer caps from headlight washers. Carefully pull out on rear wing to unclip away from guard, pull forward to unclip away from headlight and remove bumper from vehicle. **See figure 1**
3. Remove lower stiffener, two 10mm head nuts (per side). **See figure 2.**
4. Remove lower half of air dams to allow ECB Steel mount to fit, two 10 mm head bolts and 1 push pull clip. **See figure 3.**
5. Working on one side at a time, remove one 10mm head nut and four 12mm head bolts and slide ECB steel mount (supplied) between front bumper support and chassis rail. **See figure 4.** Refit using four M8 x 30 bolts, spring washers and flat washers (per side) (supplied) and original equipment 10mm head nut. **Finger tighten only.**
6. Repeat step 4 for other side of vehicle.
7. Align ECB steel mount to suit measurement from inside of ECB alloy protection bar and centralise to vehicle. **Tighten all bolts. See figure 5.**
8. Refit lower stiffener using original nuts.
9. 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 6.**
10. Remove inner sensors from bumper and extend using the 5 core wires and solder connectors supplied, before refitting into protection bar. **See figure 7 and 8. NOTE: Overheating of connectors will cause the plastic sheathe to melt, while under heating will not melt the solder enough to create a strong connection.**
11. Refit bumper in the reverse step of 2. **See figure 9.**
12. Fit ECB protection bar onto steel mount using bolts supplied, four M10 x 40 bolts, spring washers, flat washers and nuts. Align protection bar to front of vehicle and tighten all bolts. **See figure 10.**
13. Check parking sensors for correct operation.



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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:

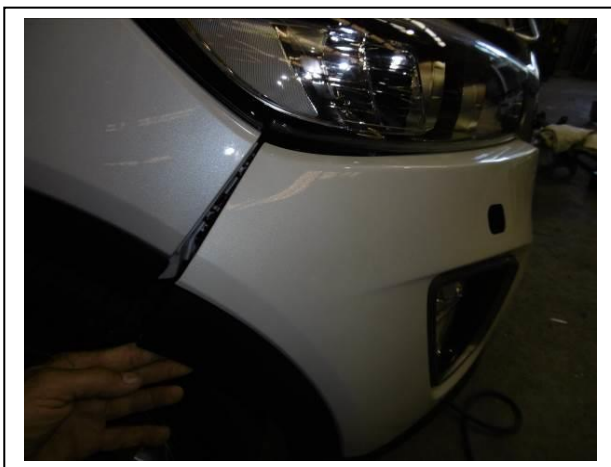
- Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- Do not remove the plaque or label from the VFPS.
- Do not modify the structure of the VFPS in any way.
- No accessory or fitment should project forward of the VFPS forward profile.
- 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 mounts	8 – M10 flat washers
8 – M8 x 30 bolts	4 – M10 spring washers
8 – M8 flat washers	4 – M10 x 1.5 nuts
8 – M8 spring washers	2 – 300mm long 5 core wire
4 – M10 x 1.5 x 40 bolts	20 – solder connectors



**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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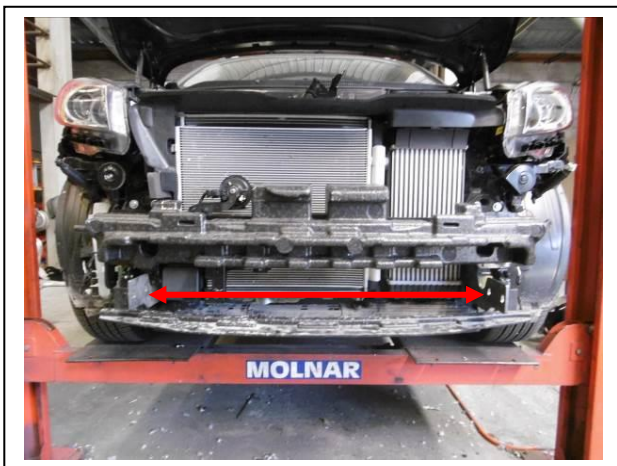
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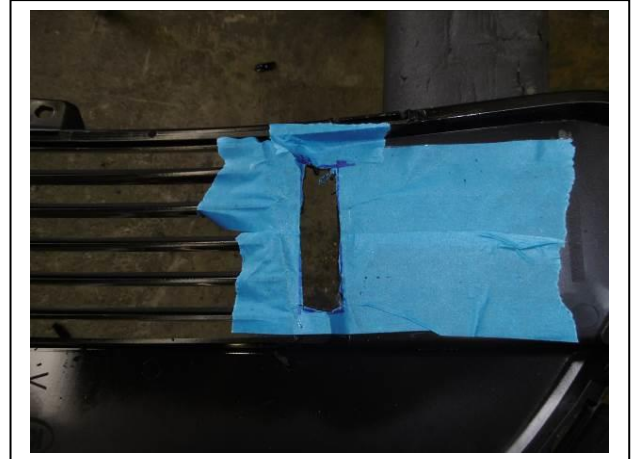
**Figure 3:** Remove lower half of air dams



**Figure 4:** Steel mount fitted.



**Figure 5:** align steel mounts with correct measurement.



**Figure 6:** Trim grill for ECB steel mount to protrude through.



**Figure 7:** Remove inner sensors from bumper.



**Figure 8:** Fit sensors into protection bar.





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**Figure 9:** Refit bumper.



**Figure 10:** Fit protection bar onto steel mount.



**Figure 11:** Front view.



**Figure 12:** 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.

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

**Date of Fitment:** \_\_\_\_/\_\_\_\_/\_\_\_\_

Was the fitting hardware supplied complete?

Yes

No

If no what was not supplied

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Did the installation go well?

Yes

No

Please provide comments

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Please draw diagrams if you need to.

**Post to**

Reply Paid 122

PO Box 122

Margate QLD 4019

**Fax to**

(07) 3283 1168



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## DESPATCH CHECKLIST NB6K51SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- OC.....1– Pair Steel mounting brackets.
- BK.....1 – Bolt Kit.
- BK.....2 – 300mm 5 core wire.
- BK.....20 – solder connectors.

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



**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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\_\_\_\_\_/\_\_\_\_\_  
Wrapper's initials / Checker initials