



**WORLD'S BEST  
ALLOY BULLBARS**

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

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**8K46SY / NB6K46SY / NBK46SY**

REPLACES: 27.07.05  
REVISED: 23.07.10

## **FITTING INSTRUCTIONS**

### **KIA SPORTAGE 04/05-8/07 TYPE 8, 63mm SERIES 2 NUDGE BAR AND 76mm NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES**

Check installation hardware before commencing.

1. Lift Bonnet.
2. Remove plastic under guard. Five 12mm head bolts and two plastic PK clips. **See figure 1.**
3. Remove plastic cover from top of grille. Twelve plastic PK clips. **See figure 2.**
4. Remove bumper cover. One 10mm head bolt (each side) and one PK self-tapper (centre) at top of grille, one PK self-tapper (each side) at top and bottom of side returns, one plastic PK clip (each side) at bottom of side returns, six plastic push in/out clips along bottom. Pull outwards at side returns to release. Pull forward off clips under headlights. **See figure 3.** Disconnect fog light wiring as removing.
5. Remove bumper cover support from front of vehicle. Eight 12mm head bolts, two PK self-tappers, five 10mm head bolts and four 10mm head nuts. **See figure 4.** Discard bumper cover support. Replace 10mm head bolts to resecure plastic air dams.
6. Place bumper cover face down (on protective foam / blanket or similar). Hold steel mount (supplied) centrally on air intake grille. **See figure 5.** Mark position of steel mount on air intake grille for trimming. Lever up seven steel clips with screw driver taking care not to damage and remove five PK self-tappers then remove air intake grill from bumper cover and trim out as shown in **figures 6 and 7.** Refit to bumper cover.
7. Fit ECB steel mounting system (supplied) to front of chassis. Use eight M8 x 30 bolts, flat washers and spring washers (supplied). **TIGHTEN IN POSITION. See figures 8 and 9. NOTE:** Use ¼ x 1 bolt, nut and washers (supplied) to resecure automatic transmission lines on drivers' side.
8. Drill one hole (each side) through lip at front of chassis using hole in steel mounting system as a guide. **See figure 10. Treat all exposed metal with a rust inhibitor.** Take extra care on driver's side when drilling not to damage washer bottle. Use M8 x 30 x 1.25 bolts, nuts and washers. **TIGHTEN.**
10. Refit bumper cover to vehicle. Reconnect fog lights as installing. **See figure 11.** Refit plastic under guard to vehicle.
11. Install protection bar to outside of steel mounting system. Use 3/8 x 1 ½ bolts, nuts and washers (supplied). **FINGER TIGHTEN ONLY.**
12. Align protection bar with vehicle taking note of **figures 12, 14 and 16** for side views and **figures 13, 15 and 17** for front views. **TIGHTEN ALL BOLTS/NUTS**



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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:**

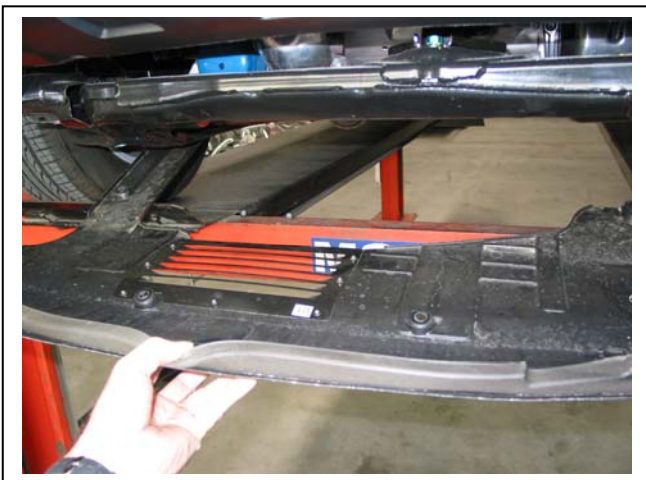
- a) Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- b) Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- c) Do not remove the plaque or label from the VFPS.
- d) Do not modify 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**

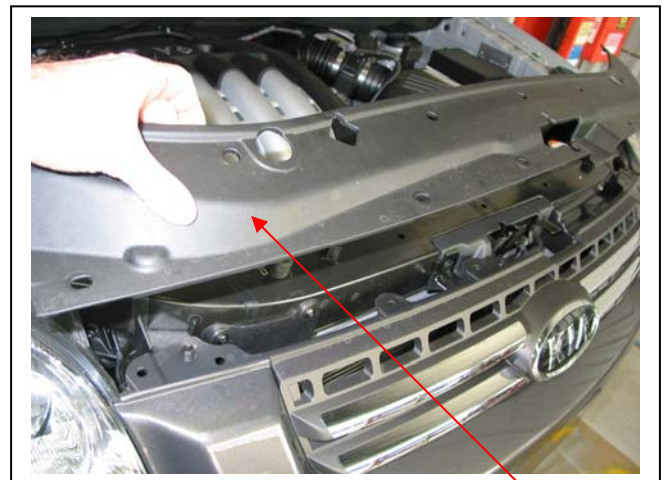
Periodically check bolts and nuts for correct tightness, especially if travelling on rough roads

**FITTING KIT**

1 – Steel mounting system.	4 – 3/8 nuts.
10 – M8 x 30 x 1.25 bolts.	8 – 3/8 flat washers.
2 – M8 nuts.	4 – 3/8 spring washers.
14 – M8 flat washers.	1 – ¼ x 1 bolt.
10 – M8 spring washers.	1 – ¼ nylock nut.
4 – 3/8 x 1 ½ bolts.	2 – ¼ flat washers.



**Figure 1**  
Removing plastic under guard



**Figure 2**  
Removing plastic cover



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Figure 3

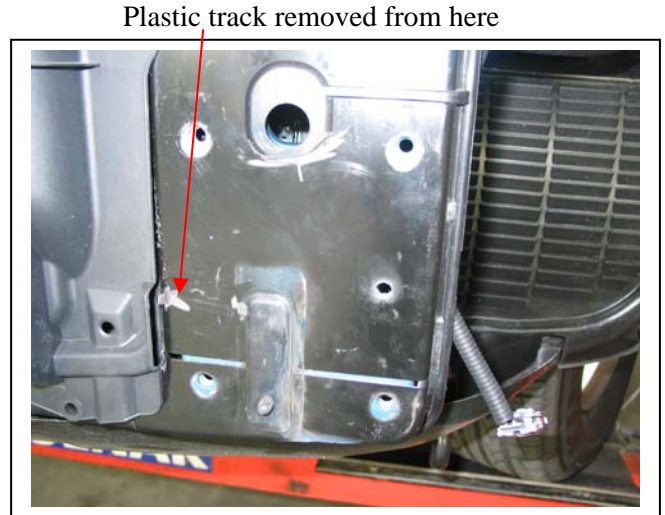


Figure 4 – Passenger side shown



Figure 5

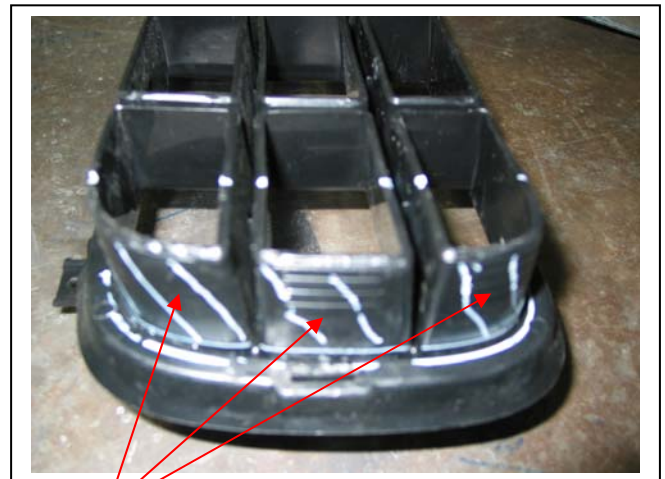


Figure 6

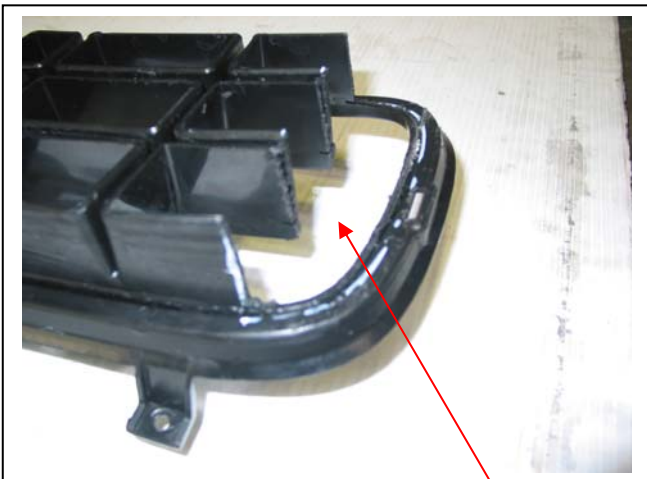


Figure 7 Trimmed area as shown



Figure 8 – Passenger side shown



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Figure 9



Figure 10 – Drivers side shown  
Take care not to damage washer bottle



Figure 11

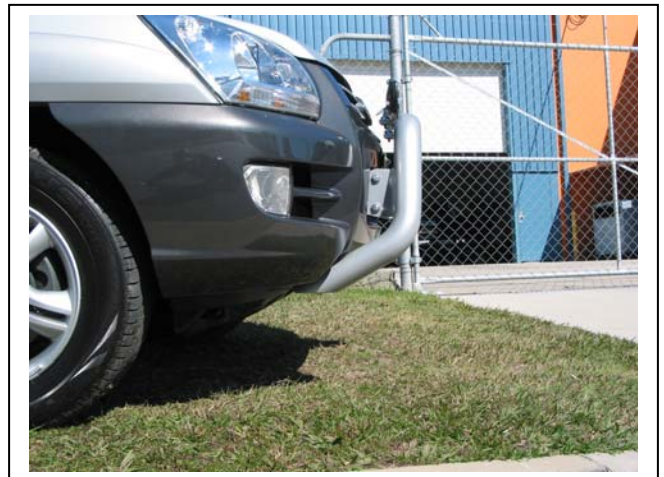


Figure 12 – 76mm Nudge Bar side view shown



Figure 13 – 76mm Nudge Bar front view shown

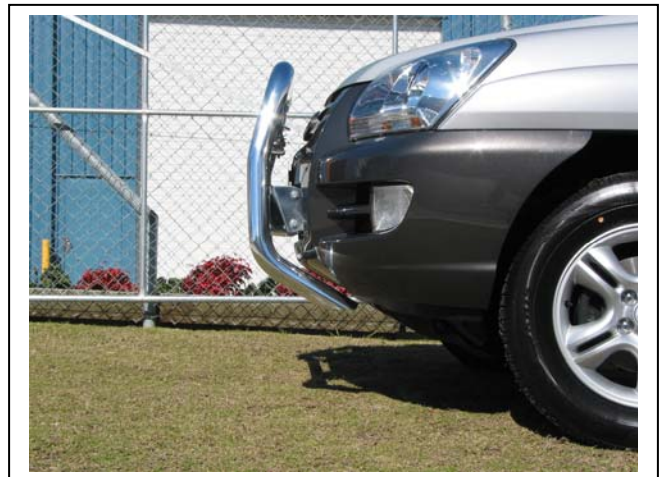


Figure 14 – 63mm Series 2 Nudge Bar side view shown



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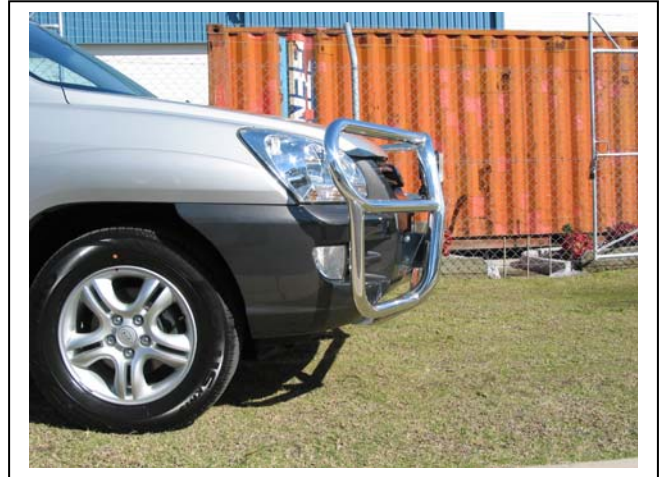
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**Figure 15** – 63mm Series 2 Nudge Bar front view shown



**Figure 16** – Type 8 side view shown



**Figure 17** – Type 8 front view shown



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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  
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## DESPATCH CHECKLIST 8K46SY / NB6K46SY / NBK46SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Steel mounting system.
- 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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