



WORLD'S BEST
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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8K61SY / NB6K61SY / NBK61SY

REPLACES: 00.00.00
REVISED: 23.09.10

FITTING INSTRUCTIONS

KIA SPORTAGE 5/13 ON TYPE 8, 63MM SERIES 2, 76MM NUDGE BAR. VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

WARNING REGARDING FRONT HOLE IN STEEL MOUNT:

Front 10 mm hole, after sensors have been checked for correct operation must be drilled and secure with bolt supplied. Failure to do this will impede the correct operation of the Protection Bar and void warranty of the product.

Check installation hardware before commencing.

1. Lift Bonnet.
2. From top of grille, remove two plastic pk screw clips across rear and two 10mm head bolts near top of headlights.
3. Remove one 8mm head screw (per side) from rear corner of plastic bumper cover under guard, one pk screw (per side) and one pk plastic screw clip (per side) from lower inner guard to plastic bumper cover and six pk screw clips from underside front of bumper.
4. Disconnect wiring harness from lights and bumper sensors (if fitted).
5. Carefully pull sides of plastic bumper down then outward from vehicle to unclip from retaining clips on lower guard and forward to unclip from retainer clips under headlights. Remove plastic bumper cover from vehicle.
6. Remove front four 12mm head bolts from front of under body guard and two plastic screw clips from inner guard. Allow to hang.
7. Remove four centre 10mm head bolts from honeycomb sections where they meet the bumper support.
8. Working on one side of vehicle at a time, remove one 10mm head nut and four 12mm head bolts from where bumper support meets radiator support and two 10mm head bolts from the outside of the lower honeycomb section.. Slide ECB steel mounting bracket (supplied) behind bumper support with tab to inside of vehicle. **See figure 1.** Fit using M8 x 1.25 x 30 bolts, M8 spring washers, M8 flat washers and 3/8 flat washers (supplied) for each hole where a 12mm head bolt was removed. Refit 10mm nut to top centre bolt. **Finger tighten only.**
Caution: Please ensure 3/8 flat washers are fitted between M8 flat washers and bumper support brackets. Failure to do this may cause bolts to pull through bumper support.
9. On completion of both sides of vehicle, centre ECB steel mounting brackets to vehicle. Ensure the outer measurement of the ECB protection bar matches the inner measurement of the ECB steel mounting brackets for ease of fitment. Refit original bolts to secure honeycomb and power steering tube to vehicle. **Tighten all bolts.**
10. Using ECB steel mounting bracket as a guide, drill hole through front of bumper support. **See figure 2. NOTE: All filings must be blown out and bare metal treated using paint or a rust inhibitor.** Install one 3/8 x 1 1/4 bolt, flat washer, spring washer and nut (supplied) (per side). Place flat washer, spring washer and nut to rear of bumper support so as to not affect plastic bumper cover fitment. **Tighten all bolts.**



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11. Using ECB steel mounts as a guide, trim under body guard so ECB steel mounting brackets can protrude through. **See figure 3.** Allow extra room on inside of ECB steel mounting brackets for ECB protection bar to be installed. Do not refit at this stage as access will be needed to top bolts of ECB steel mounting brackets.
12. Refit plastic bumper cover as per reverse of step 2 to step 5.
13. Install ECB protection bar onto ECB steel mounting brackets using four 3/8 x 1 ¼ bolts, flat washers, spring washers (supplied) and nuts for rear holes. Align protection bar to front of vehicle and tighten bolts **See figures 4, 5, 6, 7 and 8.** Test bumper sensors for correct operation. Once operation is correct then drill 10 mm hole in alloy tube at front of mount per side. Fit 3/8 x 1 ½ bolts and washer on 300mm wire, flat washers, spring washers and nuts (supplied), accessed from inside of tube.
14. Cut tails from bolt and washers on wire and crimp onto rear of tube to reduce possibility of rattling.
15. Refit under body guard to vehicle. Slide above ECB protection bar from rear and attach using original bolts and plastic clips.

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 – Pair ECB steel mounts	2 – 3/8 x 1 ½ bolts on 300mm wire
8 – M8 x 1.25 x 30 bolts	22 – 3/8 flat washers
8 – M8 flat washers	8 – 3/8 spring washers
8 – M8 spring washers	8 – 3/8 nuts
6 – 3/8 x 1 ¼ bolts	



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Figure 1: Passengers side mount behind bumper support.

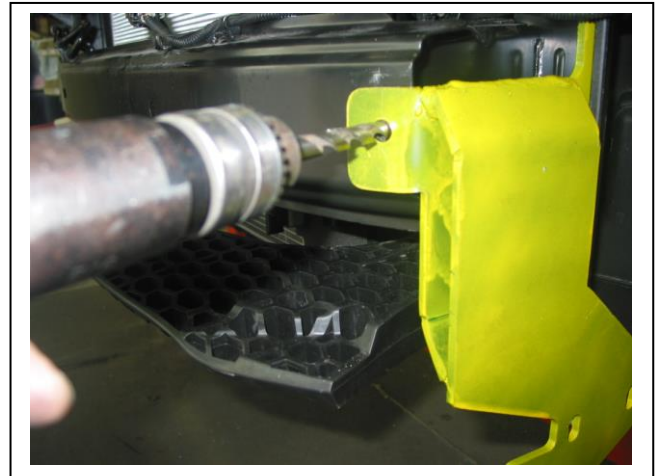


Figure 2



Figure 3: Trimmed under body guard. Note: Trim guard to suit your vehicle. Trimmed area will vary.



Figure 4: Type 8 front view



Figure 5: Type 8 side view



Figure 6: Series 2 front view



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Figure 7: Series 2 side view



Figure 8: 76mm Nudge Bar front view



Figure 9: 76mm Nudge Bar 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
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Fax to
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DESPATCH CHECKLIST 8K61SY, NB6K61SY, NBK61SY

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 _____/_____

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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