



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

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NB6AHU60SY

REPLACES: 00.00.00

REVISED: 08.11.13

FITTING INSTRUCTIONS

HYUNDAI SANTA FE 5-2013on SERIES 2 NUDGE BAR PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet.
2. From between headlights, remove two PK plastic clips and four 10mm head bolts. **See figure 1.** From sides of bumper, remove one 10mm head screw from rear of join to steel guard (per side) **See figure 2,** and two PK plastic clips from underside bottom of inner guard (per side). **See figure 3.** Disconnect fog lights if fitted.
3. Carefully pull sides of bumper out to unclip from plastic mounting clips, then pull forward to unclip from under headlights. Lift radiator top cover (top rear of grille) between headlight to clear radiator cap and headlights. Remove bumper.
4. From front of underbelly guard, remove two PK plastic clips and three 10mm head bolts. From rear, remove rear centre 10mm head bolt. Caution there are two centre rear bolts. The front of the two only go into a plastic support whilst the rear holds up the support. Allow underbelly guard to hang.
5. Remove 12mm head bolt from horn. Turn horn over a half turn and refit to original bracket. **See figure 4.**
6. Trim area of radiator air dam to allow fitment of mounts. **See figure 5 and 6.**
7. Measure mounts on Alloy Protection Bar inside of mount to inside of mount.
8. Loosely install ECB steel mounts onto front of bumper support, flat plate to rear of bumper support using m10 x 70 bolts, flat washer, spring washers and nuts for top holes and M10 x 35 bolts, flat washers, spring washers and nuts for lower holes. **Place bolts in mount from rear to front on vehicle. See figure 7.** Using measurement previously taken from Alloy Protection Bar, set outside of ECB steel mounts to match. Ensure ECB steel mounts are central to vehicle and tighten ECB steel mounts until front and rear plates meet. **See figure 8.**
9. Trim outside sections of lower grille to match mounting of ECB steel mounts. **See figure 9.**
10. Trim polystyrene bumper infill to fit around steel mounts. **See figure 10.**
11. Refit plastic bumper to vehicle as per reverse of steps 2 and 3. **See figure 11.** Do not refit underbelly guard at this stage.
12. Fit ECB protection bar to outside of ECB steel mounting brackets using four M10 x 35 bolts, flat washers, spring washers and nuts. Note: rear holes are accessible from under vehicle behind plastic bumper. **Finger tighten only.**
13. Align ECB protection bar to front of vehicle. **See figure 12 and 13. Tighten all bolts.**



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14. Refit underbelly guard using original equipment 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.

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 mounting brackets	24 – M10 flat washers
4 – M10 x 1.5 x 70 bolts	12 – M10 spring washers
8 – M10 x 1.5 x 35 bolts	12 – M10 x 1.5 nuts



Figure 1: Top of radiator support between headlights. Passenger side shown.



Figure 2: Bolt in rear of plastic bumper



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Figure 3: Lower inner guard attachment points



Figure 4: Horn after being moved



Figure 5: Right hand (drivers side) air dam measurements. Removed from vehicle for photo.

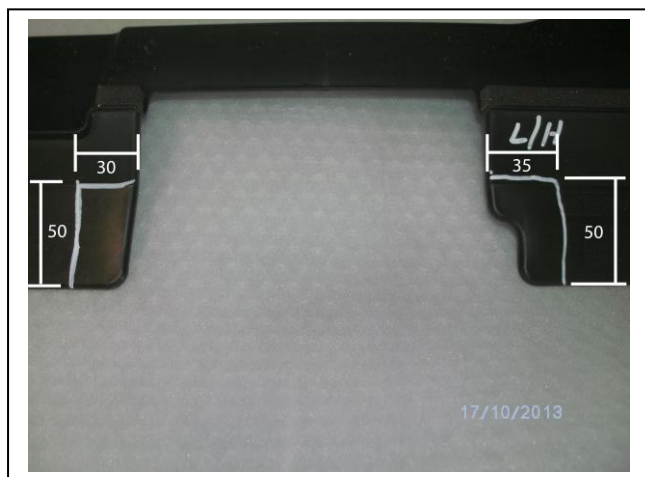


Figure 6: Left hand (passengers side) air dam measurements. Removed from vehicle for photo.



Figure 7: Placement of bolts on mounts



Figure 8: placement of mounts on bumper support.



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Figure 9: Trim of grille



Figure 10: Trim of polystyrene bumper infill



Figure 11: Plastic bumper fitted over mounts



Figure 12



Figure 13



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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
Margate QLD 4019

Fax to
(07) 3283 1168



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DESPATCH CHECKLIST NB6AHU60SY

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

OC.....1 – PAIR Steel mounting brackets (4 pieces)

OC.....1 – Bolt Kit.

_____/_____
Wrapper's initials / Checker initials



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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