



WORLD'S BEST  
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

8HU45SY / MHU45SY / NBHU45SY / NB6HU45SY

REPLACES: 01.12.04  
REVISED: 20.07.10

## FITTING INSTRUCTIONS

### HYUNDAI SANTA-FE TYPE 8, MIDI TUBE, 76mm NUDGE BAR & 63mm SERIES 2 NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLE

**NOTE:** Check fitting kit for correct hardware; treat all drilled holes with rust inhibitor.

1. Remove under body cover. Nine 12mm head bolts.
2. Remove one 6mm bolt from drivers' side power steering line bracket where rear of steel mounting bracket is to fit.
3. **NOTE: Ensure mounts are set for protection bar to mount on outside of steel mounting brackets, check protection bar (approximately 710mm inside of protection bar alloy mounts).**

Attach steel mount on drivers' side. Use two M8 x 35 x 1.25 (supplied) in captive nuts where under body cover was originally bolted. Use one 3/8 x 4 1/2 bolt with 40mm alloy washer (supplied) in drivers' side rear with nut and washer (supplied). **See figure 1.** Use one M6 x 25 bolt (supplied) to reattach power steering line bracket to vehicle. **DO ALL BOLTS UP FIRM ONLY.**

Drill one 10mm hole **vertically** in front of cross member guided by steel mount. **See figure 2.** Insert 3/8 x 2 1/2 bolt, washers (supplied). Use 3/8 nut and washer on wire (supplied). **TIGHTEN.**

**NOTE: Take care when drilling not to damage bottom of radiator. Use a piece of alloy/steel to protect area if necessary.**

**NOTE:** Treat all exposed metal with a rust inhibitor.

4. Attach steel mount to passenger side. Use two M8 x 35 x 1.25 bolts/washers (supplied) in captive nuts where under body cover was originally bolted. **DO BOLTS UP FIRM ONLY.** For rear most hole in bracket drill a 10mm hole through upper chassis using hole in mount as a guide. Use 3/8 x 3 1/2 bolt (supplied) with 40mm round alloy plate (supplied) at top. **See figures 3 and 4.**

For outer hole in mount, drill a 10mm hole through chassis using mount as a guide. **See figure 5.** Drill square to bracket on mount. **Take care when drilling not to damage bottom of radiator. Use a piece of alloy/steel to protect area if necessary.** **NOTE:** Treat all exposed metal with a rust inhibitor. Use 3/8 x 3 bolt with 40mm round alloy plate (supplied) on top of cross member.

Drill one 10mm hole **vertically** in front of cross-member guided by hole in steel mount. **See figure 6. Take care when drilling not to damage bottom of radiator. Use a piece of alloy/steel to protect area if necessary.**

**NOTE:** Treat all exposed metal with a rust inhibitor. Use 3/8 x 2 1/2 bolt/washers (supplied). Use 3/8 nut and washer on wire (supplied). **TIGHTEN ALL BOLTS. See figure 3.**

5. Line up under body cover and mark where cut outs need to go for fitting over steel mount. You will need to cut approximately 140mm from the front edge and the width of mounts for a neat fit. Also trim out around 40mm alloy washer, on drivers' side and around bolt head on passenger side. Trim off raised section on passenger side to fit around mount. **See figure 7.**
6. Remove M8 x 35 bolts in steel mounts and reattach under body cover using four M8 x 35 x 1.25 bolts and 26mm alloy washers (supplied) where cover meets steel mounts. Use original bolts for remaining rear hole. Rear holes in under bodyguard may need to be elongated to align with captive nuts. **TIGHTEN ALL BOLTS.**



East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

**NOTE:** Centre, front bolt on cover has a 26mm spacer washer supplied in between cover and cross member. Use M8 x 30 x 1.25 bolt/washers.

- 7. **NOTE:** Place protective tape on bumper cover to protect paintwork as installing. Attach ECB protection bar to steel mounts using 3/8 x 1 1/2 bolts, nuts and washers (supplied) for rear most holes. Use 3/8 x 1 1/2 bolts with wire attached (supplied) to access forward holes. **DO NOT TIGHTEN.**
- 8. Align protection bar with vehicle. For front and side views see figures 8, 9, 10, 11 and 12. **TIGHTEN ALL BOLTS.** Trim off excess wire from bolts.

**NOTE:** Type 8 Protection Bar – ensure top loops clear bonnet when opening.

**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**

2 – Steel mounts.	9 – 3/8 spring washers.
1 – 3/8 x 4 1/2 bolt.	4 – M8 x 35 x 1.25 bolts.
1 – 3/8 x 3 bolt.	1 – M8 x 30 x 1.25 bolt.
1 – 3/8 x 3 1/2 bolt.	5 – M8 flat washers.
2 – 3/8 x 2 1/2 bolts.	5 – M8 spring washers.
2 – 3/8 x 1 1/2 bolts.	1 – M6 x 25mm bolt.
2 – 3/8 x 1 1/2 bolts with 250mm wire.	1 – M6 washer.
9 – 3/8 nuts.	5 – 26mm x 6mm alloy washers.
2 – 3/8 nut / washer on 300mm wire.	3 – 40mm x 6mm alloy washer with 10mm hole
14 – 3/8 flat washers.	



Figure 1. Drivers side mount.



3/8x 2 1/2 Bolt in drilled hole      M8 x 35 bolts      3/8x 4 1/2 bolt with alloy plate

Figure 3

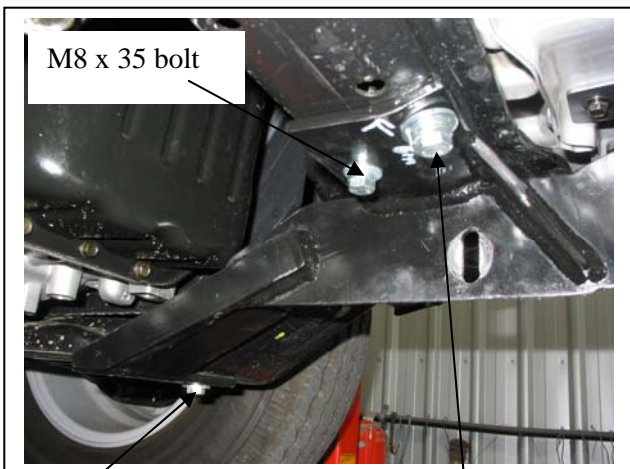
Figure 2



Shown drilling drivers side hole

Figure 4

M8 x 35 bolt



3/8 x 3 1/2 bolt      3/8 x 2 1/2 bolt

Figure 5



Figure 6





East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

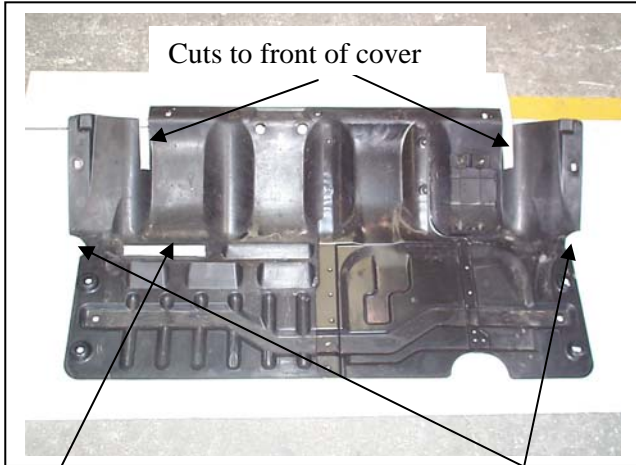
ecb@ecb.com.au www.ecb.com.au

WORLD'S BEST  
ALLOY BULLBARS

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

Figure 7



Raised section trimmed off      Trim to clear bolts

Figure 8 - Layback on Type 8.



Figure 9 – Midi Tube



Figure 10 – 76mm Nudge Bar.



Figure 11 – 63mm Series 2 Nudge Bar



Figure 12 – Type 8 front view





**WORLD'S BEST  
ALLOY BULLBARS**

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

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

**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

\_\_\_\_\_

\_\_\_\_\_

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



**WORLD'S BEST  
ALLOY BULLBARS**

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

Tel: 07 3897 5700

Fax: 07 3283 1168

[ecb@ecb.com.au](mailto:ecb@ecb.com.au) [www.ecb.com.au](http://www.ecb.com.au)

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia



WORLD'S BEST  
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

## DESPATCH CHECKLIST

### 8HU45SY / MHU45SY / NBHU45SY / NB6HU45SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 2 – Steel mounts.
- 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 \_\_/\_\_/\_\_



East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

WORLD'S BEST  
ALLOY BULLBARS

