



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

8T42SY / NB6T42SY / NBT42SY

REPLACES: 14.11.03

REVISED: 22.07.10

## FITTING INSTRUCTIONS

### TOYOTA KLUGER AWD 10/03-7/07 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. Remove bumper cover with grille. Remove four plastic clips along top of grille, two plastic slot head clips, one 10mm head self-tapper, one plastic clip (each side) from plastic inner guard. Remove two 10mm head self-tappers and six 10mm head bolts from central plastic guard attached to lower bumper cover and chassis. Remove guard, **see figure 1**. Pull plastic inner guards clear to access one 10mm head self-tapper (each side) at top of bumper cover side returns. Pull grille forward to access one PK self-tapper at top of bumper cover in centre. **NOTE:** Grille is locked in position with one fixed plastic clip (each side) near top of headlight, pull forward, **see figure 2**.  
Pull bumper cover out off fixed clips at side returns, **see figure 3** and remove bumper cover.  
**NOTE:** Disconnect fog lights as removing (if fitted).
2. Remove grille from bumper cover, six fixed clips along bottom. **See figure 4**.
3. Remove foam bumper cover infill to access bolts.
4. Remove alloy bumper cover support from chassis, six 14mm head bolts. **See figure 5**.  
**NOTE:** Disconnect air temp sensor (if fitted)
5. Fit ECB steel mounting brackets (supplied) on front of chassis. **See figure 6**. Reattach alloy bumper cover support over ECB steel mounting brackets. Use original bolts. **FINGER TIGHTEN ONLY**. Align ECB steel mounting brackets square and centred on vehicle. With ECB steel mounting brackets in position, mark where holes are to be drilled in alloy bumper cover support. **See figure 7**.
6. Remove alloy bumper cover support and ECB steel mounting brackets.
7. Drill 10mm holes (where marked) in alloy bumper cover support. **See figure 8**.
8. Attach ECB steel mounting brackets to alloy bumper cover support. Use 3/8 x 1 ¼ bolts and washers on wire (supplied) to access the two rear drilled holes (each side). Use 3/8 nuts on wire and 3/8 x 1 ¼ bolts and washers (supplied) for lower hole (each side) **FINGER TIGHTEN ONLY**. **See figure 9**.
9. Reattach alloy bumper cover support with ECB steel mounting brackets to chassis. Use original bolts. Align alloy bumper cover support and ECB steel mounting brackets in position and **TIGHTEN ALL BOLTS/NUTS**. **See figure 10**. **NOTE:** Ensure to reconnect air temp sensor (if fitted).
10. Enlarge under side of bumper cover air intake by 10mm. **See figure 11**.
11. Refit foam infill to alloy bumper cover support
12. Refit bumper cover and plastic guard to vehicle. **Do not** refit grille at this stage.  
**NOTE:** Ensure to reconnect fog lamps (if fitted).



**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

13. Feed steel protection bar brackets (supplied) up through air intake in bumper cover and attach to ECB steel mounting brackets. Use 3/8 x 1 ¼ bolts, nuts and washers (supplied). Align in position and with each other and **TIGHTEN ALL BOLTS/NUTS. See figures 12 and 13.**  
**NOTE:** Ensure all fluid lines on drivers side are clear of ECB steel mountings.

14. Reattach grille to vehicle.

15. Attach protection bar to outside of steel protection bar brackets. Use 3/8 x 1 ½ bolts, nuts and washers (supplied). **FINGER TIGHTEN ONLY.**

16. Align protection bar with vehicle ensuring protection bar is positioned as high as possible. **See figures 14, 15 and 16 for side views. TIGHTEN ALL BOLTS/NUTS.**

**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 mounting brackets.
2 – Steel protection bar brackets.
4 – 3/8 x 1 ¼ bolts and washers on 300mm wire.
2 – 3/8 nuts on 300mm wire.
6 – 3/8 x 1 ¼ bolts.
4 – 3/8 x 1 ½ bolts.
12 – 3/8 nuts.
22 – 3/8 flat washers.
14 – 3/8 spring washers.



**WORLD'S BEST  
ALLOY BULLBARS**

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

Tel: 07 3897 5700

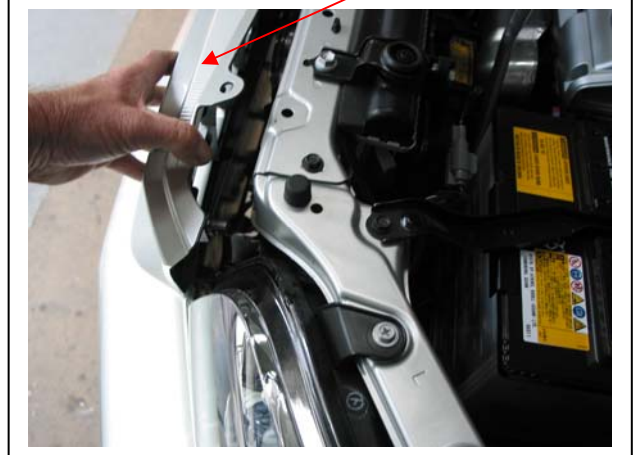
Fax: 07 3283 1168

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

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

Shown pulling grille off plastic clips



**Figure 2**

Shown removing grille from bumper cover



**Figure 4**

Removing alloy bumper cover support



**Figure 5**

Steel mounting brackets



**Figure 6 – Passenger side shown**



**WORLD'S BEST  
ALLOY BULLBARS**

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

Tel: 07 3897 5700

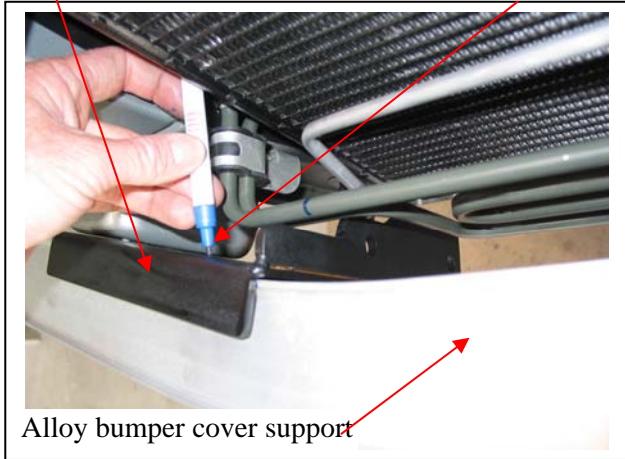
Fax: 07 3283 1168

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

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

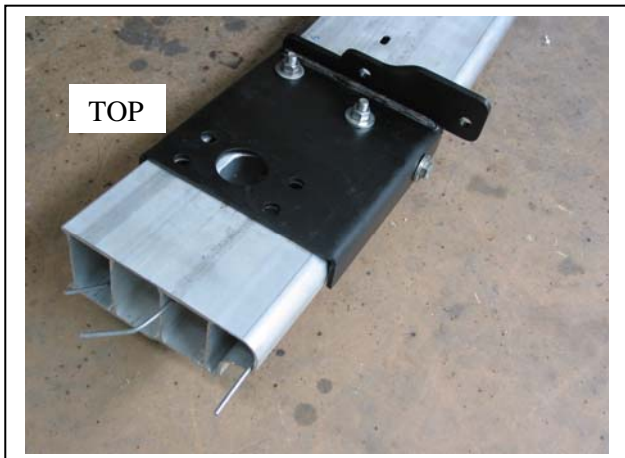
Steel mounting brackets Marking areas to be drilled



**Figure 7 – Drivers side shown**

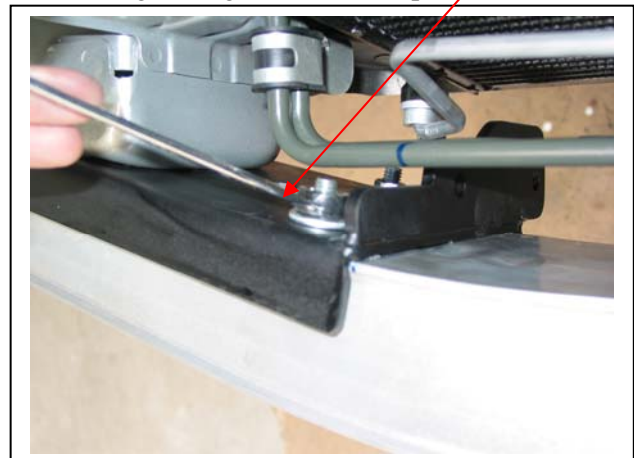


**Figure 8 – Drivers side shown**



**Figure 9 – Passenger side shown**

Shown tightening drivers side top nut



**Figure 10**

Enlarge by 10mm here



**Figure 11**



**Figure 12 – Passenger side shown**



**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



**Figure 13**



**Figure 14 – 76mm Nudge Bar shown**



**Figure 15 – 63mm Series 2 Nudge Bar**



**Figure 16 – Type 8 shown**



**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 www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

## DESPATCH CHECKLIST 8T42SY / NB6T42SY / NBT42SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 2 – Steel mounting brackets.
- 2 – Steel protection bar brackets.
- 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 \_\_/\_\_/\_\_



**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

