



East Coast Bullbars (ECB Pty Ltd)

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8T13SY / NBT12SY

REPLACES: 04.11.09

REVISED: 03.07.10

FITTING INSTRUCTIONS

TOYOTA CAMRY ALTISE, ATEVA, SPORTIVO, GRANDE 07/09- AURION PRESARA, PRODIGY, AT-X 07/09- TYPE 8 and 76mm NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

Installation requires one 3mm and one 10mm cobalt drill bits for hardened steel.

1. Remove under body skid plate (two pieces). Eight 10mm head bolts and five push/pull plastic clips. **See figure 1.**
2. Lift bonnet and remove fasteners along top of bumper cover, one 10mm head bolt, two plastic Phillips head screws and two plastic push/pull clips. **NOTE:** Push/pull clips are two spots in from each end. **See figure 2.**
- 2a. **Aurion only:** Remove fill panel behind grill. Seven push pull plastic clips. Remove fasteners from centre of grille and across top of bumper cover. One push pull plastic clip in centre, push to remove and one pk screw in bonnet stop (per side) in bumper.
3. Turn steering full lock to driver's side and remove two 10mm head bolts and one plastic clip (flat blade screw driver) from each inner guard. Repeat for passenger side.
4. Push back plastic inner guard away from bumper cover and remove 10mm head bolt retaining top of bumper cover return. **See figure 3.**
5. Pull side of bumper cover outwards (both sides) and remove bumper cover. **See figure 4.** If vehicle has fog lights and parking sensors, disconnect before removing bumper cover.
6. Trim lower air vent section of bumper cover using a die grinder or similar as per **figure 5.**
7. Remove wiring loom from bumper cover support. **See figure 6.** Remove polystyrene foam from the front of bumper cover support.
8. Remove six 14mm head bolts from bumper cover support and remove bumper cover support. **See figure 7.**
9. Using a die grinder or similar, trim plastic air deflectors as per **figure 8.** **NOTE** Use steel mounting bracket as a guide.
10. Fit steel mounting bracket (supplied) to front of chassis, centre to inside slots on steel mounting bracket. Fit bumper cover support in front of steel mounting bracket using six M10 x 1.25 x 40mm bolts, flat and spring washers (supplied). Check steel mounting bracket is centre to vehicle and **TIGHTEN ALL BOLTS.** **See figure 9.**
11. Using the steel mounting bracket as a guide, using the cobalt drill bits, drill two 10mm holes in bumper cover support as per **figure 10.** **Treat all exposed metal with a rust inhibitor or similar.**



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12. For drivers side feed 3/8 bolt and washer on wire (supplied) through slot in front of bumper cover support. For passenger side feed 3/8 bolt and washer on wire (supplied) through end of bumper cover support. Both bolts attach steel mounting bracket through drilled holes, with 3/8 nuts, flat and spring washers (supplied). **TIGHTEN ALL NUTS.** Trim and crimp excess wire and replace foam on front of bumper cover support. Refit wiring loom to bumper cover support.
13. Use masking tape to protect area on bumper cover where steel mounting bracket passes through air vent. **See figure 5.**
14. Fit bumper cover, first slide steel mounting through air vent and lift top grille section over retaining mounts. Connect fog lights and parking sensors if needed. Refit all screws, bolts and plastic clips retaining bumper cover.
15. Fit protection bar to steel mounting bracket. **NOTE:** Carefully slide protection bar through air vent on outside of steel mounting bracket. Attach with four 3/8 x 1 1/2 bolts, nuts, flat and spring washers (supplied).
16. Align protection bar with vehicle. For **Camry** see **figures 11 and 13** for front views and **figures 12 and 14** for side views. **TIGHTEN ALL BOLTS** For **Aurion** see **Figures 15 and 17** for front views and **figures 16 and 18** for side views. Refit under body skid covers using original bolts and clips.

ENSURE NUMBER PLATE IS CLEARLY VISABLE AND PARKING SENSORS ARE WORKING CORRECTLY IF NOT ADJUST UNTIL CORRECT.

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 bracket.	6 – 3/8 nuts.
6 – M10 x 1.25 x 40 bolts.	16 – 3/8 flat washers
2 – 3/8 x 1 1/2 bolts with washer on 300mm wire	12 – 3/8 spring washers
4 – 3/8 x 1 1/2 bolts.	



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Two piece under body skid plate

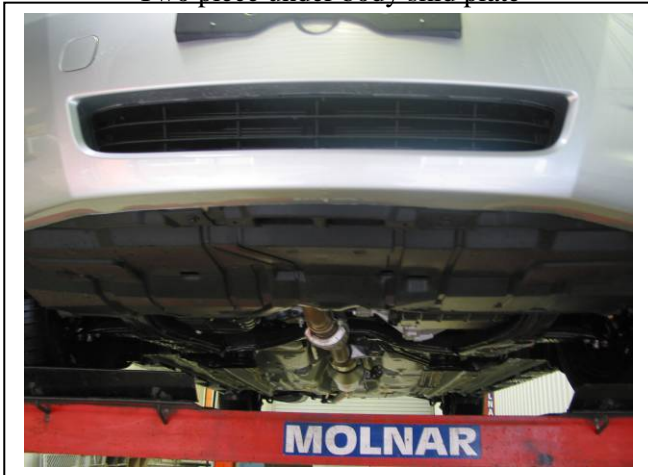


Figure 1

Push / Pull Plastic Clip Plastic head screw

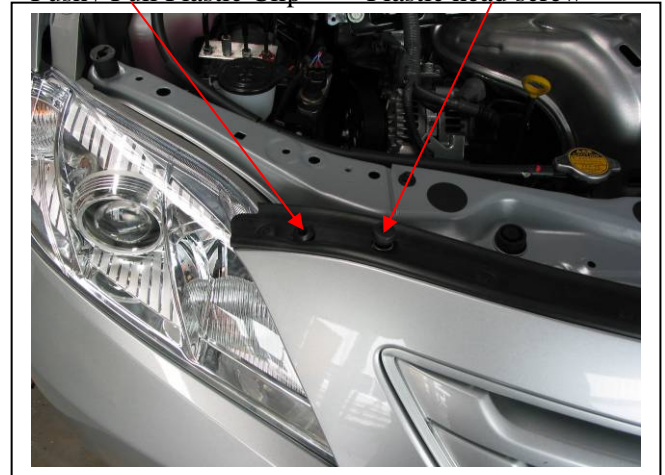


Figure 2 – Driver's side shown

10mm head bolt



Figure 3 – Driver's side shown

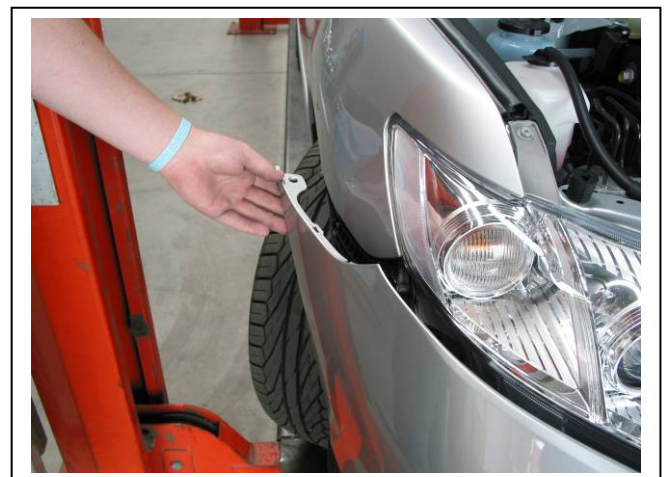
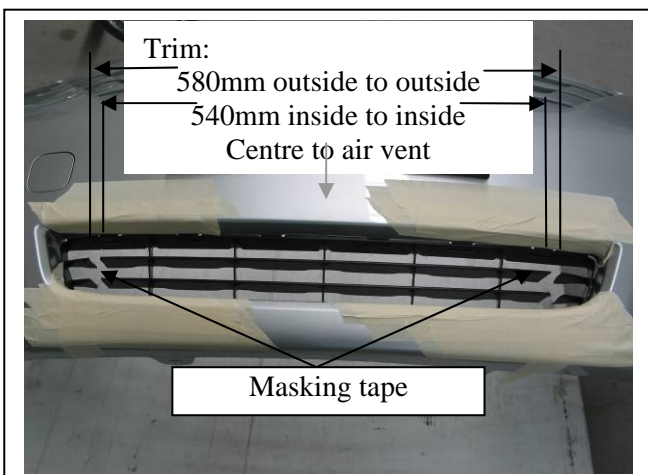


Figure 4

Trim:
580mm outside to outside
540mm inside to inside
Centre to air vent



Masking tape

Figure 5: Camry grille shown.

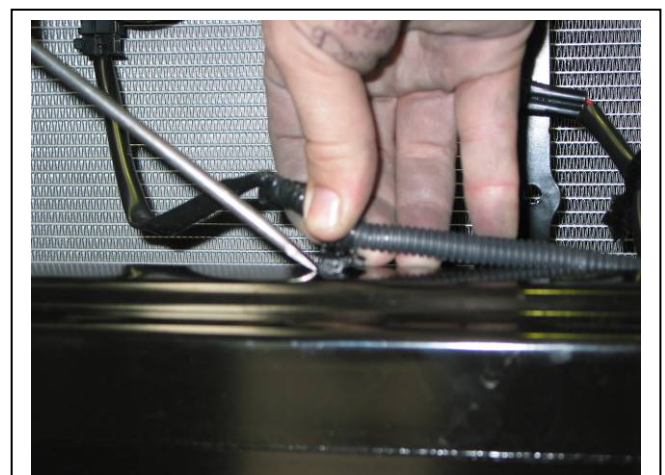


Figure 6



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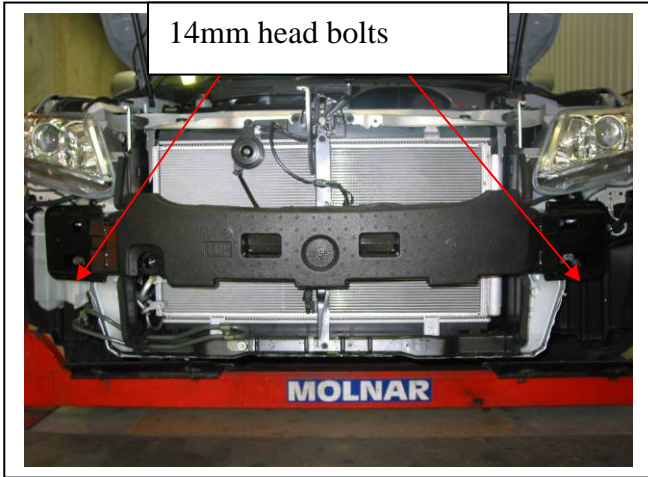


Figure 7

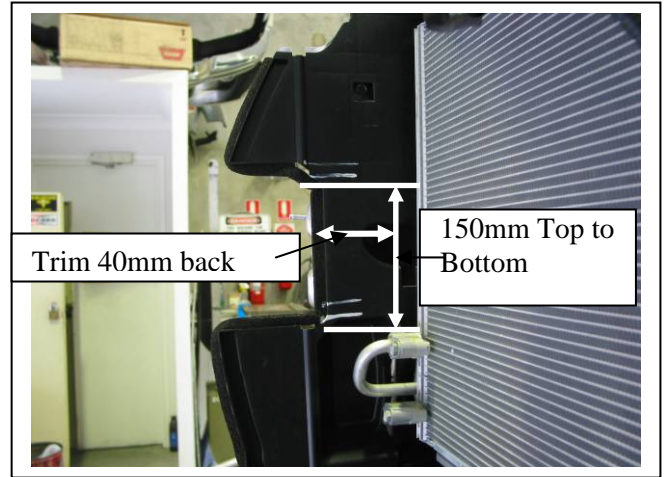


Figure 8 – Driver's side shown



Figure 9

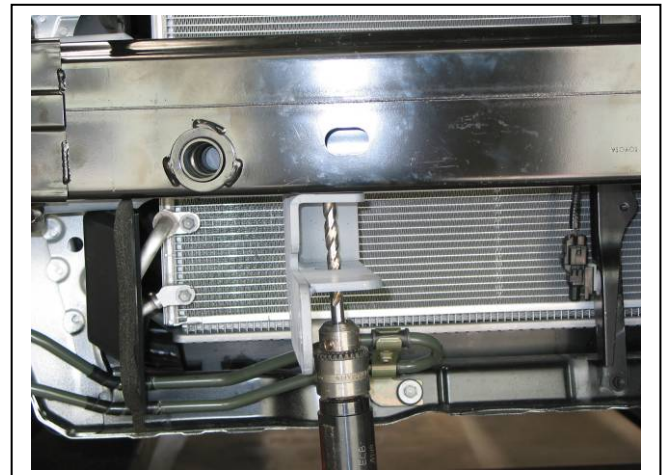


Figure 10 – Drivers side shown



Figure 11 – Type 8 front view shown



Figure 12 – 76mm Nudge Bar front view shown



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Figure 13 – Type 8 side view shown

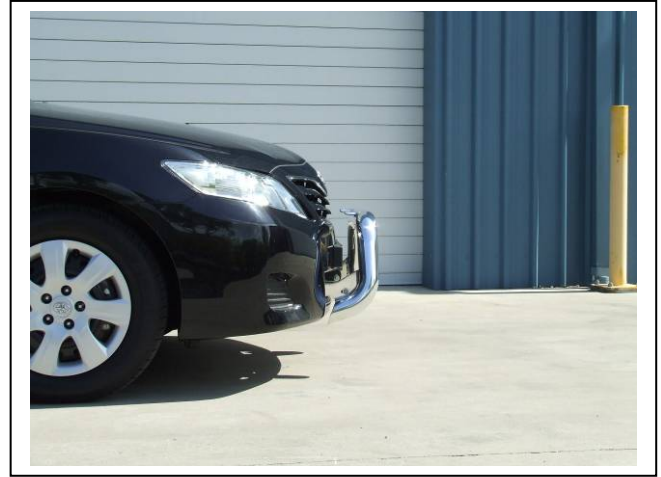


Figure 14 – 76mm Nudge Bar side view shown

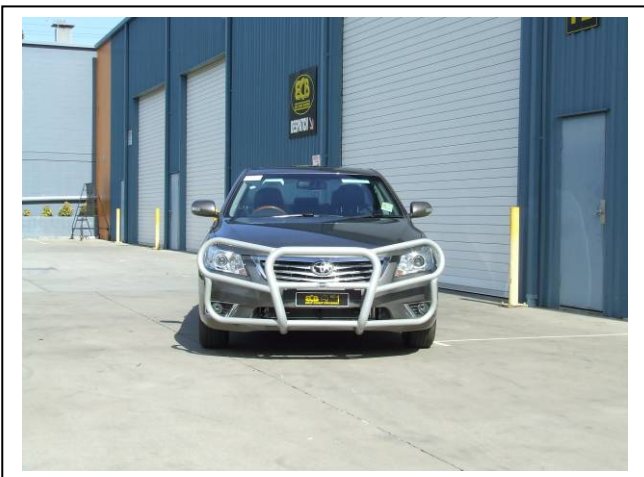


Figure 15 – Aurion Type 8 shown



Figure 16 – Aurion 76mm Nudge Bar shown



Figure 17 – Aurion type 8 side view



Figure 18 – Aurion 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
PO Box 122
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DESPATCH CHECKLIST 8T13SY / NBT12SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Steel mounting bracket.
- 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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