



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

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BF32SY

REPLACES: 25.02.10
REVISED: 09.07.10

FITTING INSTRUCTIONS

FORD TERRITORY 05/08- BIG TUBE™ PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

NOTE: 3/8 physical size air drill or similar size electric drill is required, **otherwise remove bumper cover to gain clear access fit mounts and then refit bumper cover.**

Air ratchet and appropriate sockets required to tighten some Protection Bar bolts.

1. Lift bonnet.
2. Turn wheels full lock.
3. Remove lower plastic air deflector by removing thirteen 7mm head screws. Slide down and rearward to remove. **See figure 1.**
4. Remove two plastic push in rivets and one PK self-tapper (each side) from plastic inner guards. **See figure 2.**
5. Remove front bumper cover lower centre grille, remove two PK screws from underside rear and gently pull forward to remove from plastic clips. **See figure 3 and 4.**
6. Feed steel mounting system (supplied) behind bumper cover to protrude out through opening in bumper cover and up onto lower chassis lip. **See figures 5, 6 and 7.**
7. Support steel mounting system with jack. Ensure steel mounting system is as high up as possible on chassis lip and hard against steel radiator support. **See figures 8 and 9.**
8. Clamp rear of steel mounting system to chassis lip. **See figure 10.**
9. Pull plastic inner guard clear for access. Using centre mounting holes in steel mounting system as a guide, drill 10mm holes through chassis lip. **See figure 11.** Treat raw metal with rust inhibitor. Use 3/8 x 1 ½ bolts, nuts and washers (supplied). **TIGHTEN.**
10. Remove clamps. Drill 10mm rear holes through chassis lip. **NOTE:** Turn wheel lock outwards for each side for access. Treat raw metal with rust inhibitor. Use 3/8 x 1 ½ bolts, nuts and washers (supplied) **TIGHTEN. See figure 12.**
11. Repeat drilling procedure for front holes. **NOTE:** Bend plastic flap inside bumper cover clear to access front holes. **See figure 13.** Use 3/8 x 1 ½ bolts and washers on wire (supplied) to access front holes, feed from inside. **See figure 14.** Attach washers and nuts (supplied). **TIGHTEN.**
12. Feed steel angle mounts (supplied) through opening in lower bumper cover. Attach to steel mounting system so that hole at top aligns with lip on chassis cross member. Pull lower bumper downward for hand access. Use 3/8 x 1 ½ bolts, nuts and washers (supplied). **NOTE:** Nut and washer on wire is supplied for drivers side. Feed 3/8 x 1 ½ bolt, flat washer and spring washer (supplied) from inside. With top holes aligned in centre of chassis cross member lip and with steel angle mounts hard against chassis cross member. **TIGHTEN. See figures 15 and 16.**



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13. Pull lower bumper cover downward and out. Insert drill between lower bumper cover and steel mounting system. Drill 10mm holes through chassis cross member lip using steel angle mounts as a guide. **See figures 17.** Treat raw metal with rust inhibitor. Use 3/8 x 1 1/2 bolts, nuts and washers. **TIGHTEN.**
14. Feed ECB indicator / park light wiring in though fog light area of bumper cover. On vehicles with plastic covers and no original fog lights fitted, drill a hole through plastic cover to feed ECB wiring. Pull plastic inner guard clear to access original indicator wiring; splice ECB indicator wiring into original indicator wiring. Use cable locks (supplied). Feed ECB park light wiring behind headlight. Splice to original park light wiring. Use cable locks (supplied), access under bonnet.
15. Check all wiring is tradesman like and will not rub through on any metal.
16. Reattach lower plastic air deflector. Trim to fit around steel mounting. **See figure 18.** Reattach plastic inner guards.
17. Fit ECB LED indicator / park lights (supplied) into protection bar as per instructions supplied with the LED indicator kit. **NOTE: Ensure park light is to outside. See figure 19.**
18. Attach ECB 6mm clip lock trim to rear of protection bar. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of protection bar. **See figures 20, 21 and 22.**
19. Attach ECB protection bar to outside of steel mounting system. Use 3/8 x 1 1/2 bolts, nuts and washers (supplied). **FINGER TIGHTEN ONLY.**
20. Align protection bar with vehicle. **TIGHTEN ALL BOLTS AND NUTS. See figures 23 and 24.**
21. Connect ECB indicator / park lights and **CHECK OPERATION.**

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.**

FITTING KIT

1 – Steel mounting system.	25 – 3/8 flat washers.
1 – Pair steel angle mounts.	14 – 3/8 spring washers.
12 – 3/8 x 1 1/2 bolts.	1 – ECB LED Indicator / Park light kit
2 – 3/8 x 1 1/2 bolts, washers on 250mm wire.	6 – Cable locks.
13 – 3/8 nuts.	1 – 2100mm lengths of black 6mm clip lock trim
1 – 3/8 nut and washer on 200mm wire.	



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Figure 1 – 04/05-04/09 model shown



Figure 2



Figure 3 – PK screws on lower rear on bumper



Figure 4 – Bumper with grille section removed.



Figure 5



Figure 6



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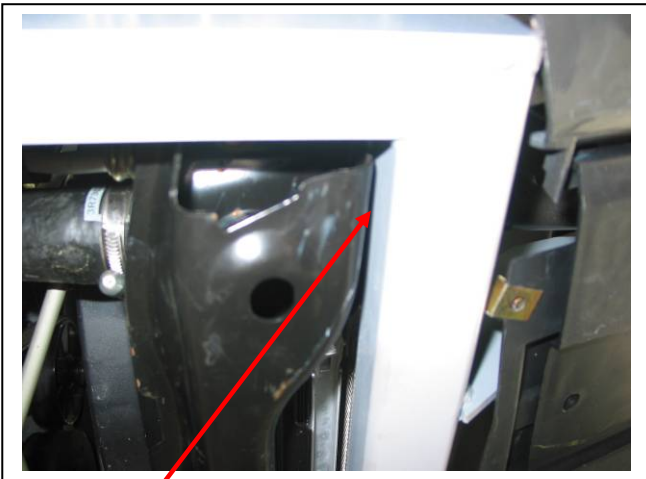
Po Box 122
Margate QLD 4019
Australia



Figure 7



Figure 8



Hard back against
steel radiator support

Figure 9



Vise grip clamp

Figure 10

Chassis lip

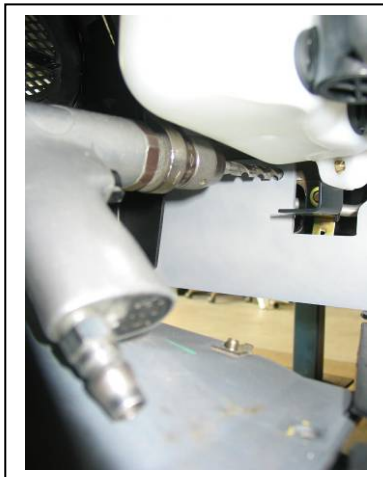


Figure 11 -
Passenger
side centre
shown

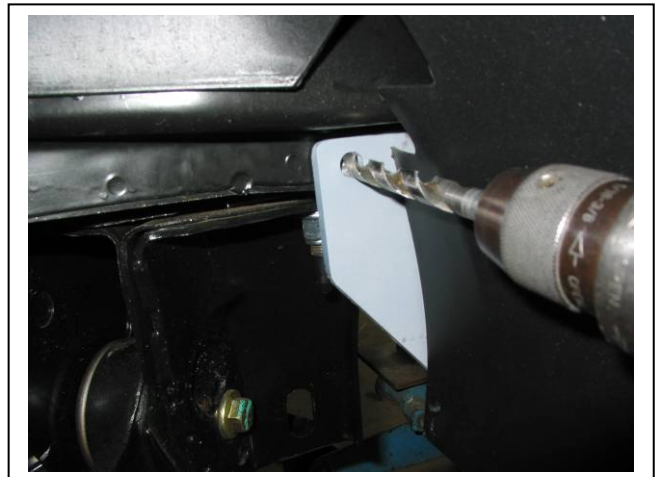


Figure 12 – Drivers side rear shown



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Plastic cover

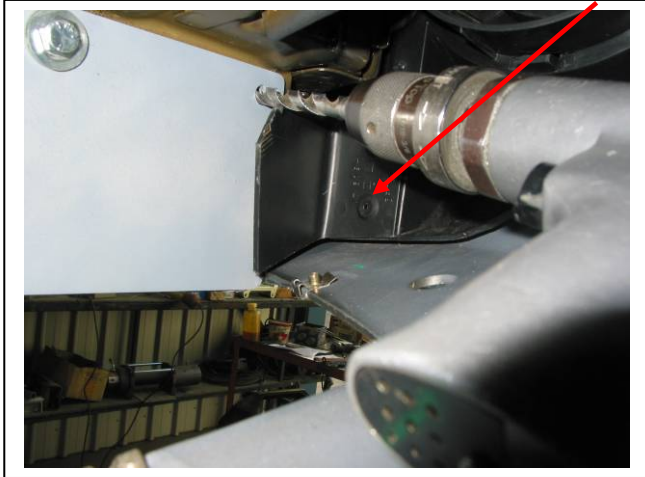


Figure 13 – Drivers side front shown



Bolt on wire

Figure 14

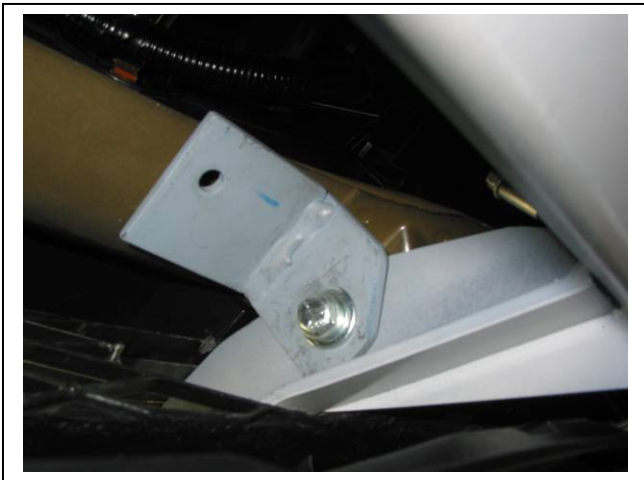


Figure 15 – Steel angle mount shown on drivers side hard against cross member at top

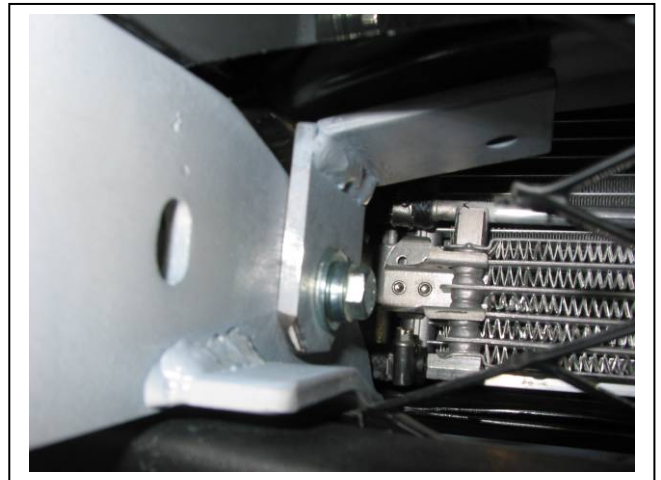


Figure 16 – Drivers side shown



Figure 17 – Shown drilling cross member on passenger side

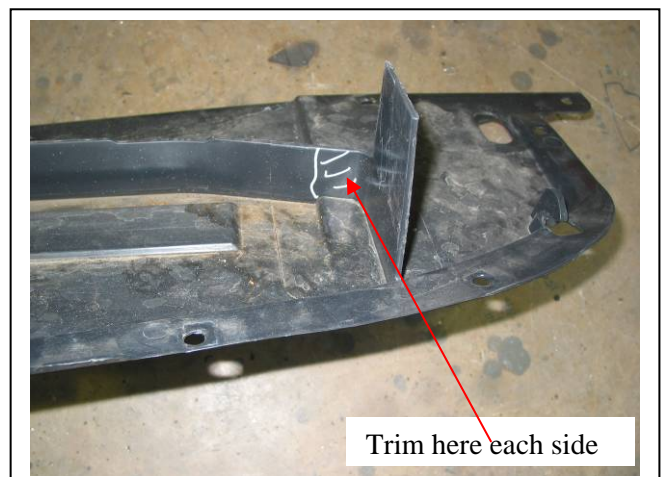


Figure 18

Trim here each side



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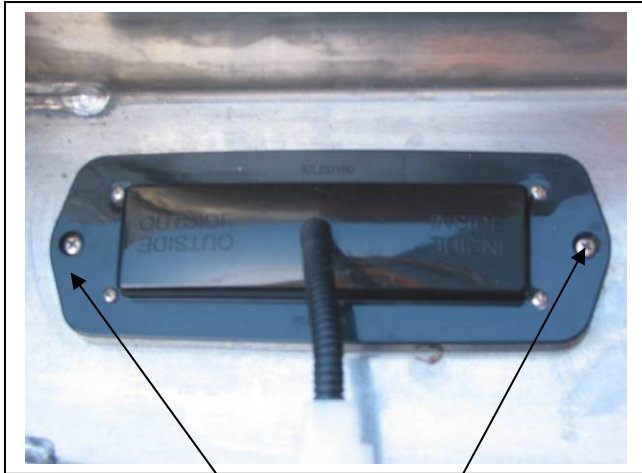
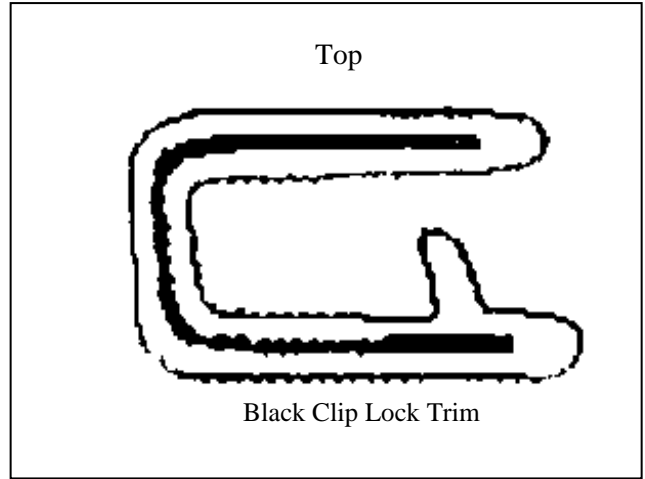


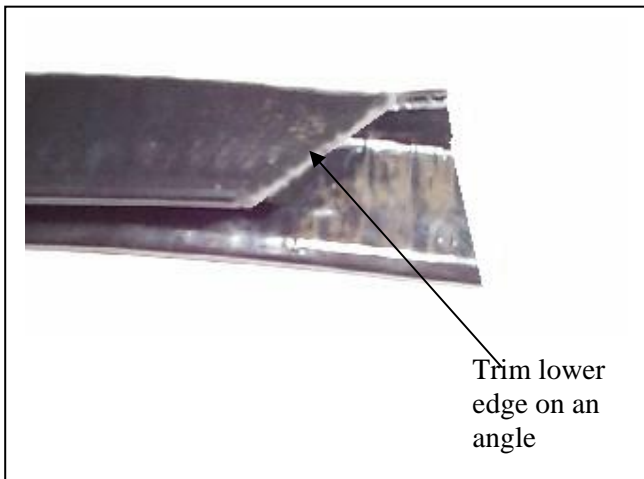
Figure 19
Stainless steel self-tappers



Top

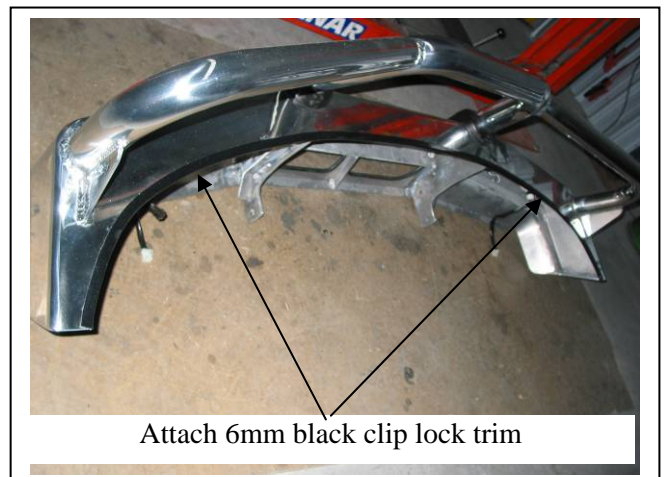
Black Clip Lock Trim

Figure 20



Trim lower
edge on an
angle

Figure 21



Attach 6mm black clip lock trim

Figure 22



Figure 23



Figure 24



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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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Fax to

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DESPATCH CHECKLIST BF32SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Steel mounting system.
- 1 – Pair steel angle mounts.
- 1 – Bolt kit.
- 1 – ECB LED Indicator / Park light kit.
- 1 – 2100mm length 6mm clip lock trim.
- 2 – ECB overrides – **Fitted to bar.**
- 3 – 6mm air scoops – **Fitted to bar.**
- 3 – 3mm air scoops – **Fitted to bar. ECB to bottom.**

**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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