

BF15SY

REPLACES: 11.05.10
REVISED: 09.07.10

FITTING INSTRUCTIONS

FORD FALCON FG 05/08 on SEDAN/UTILITY XR6 AND XR8 NON TURBO MODELS BIG TUBE™ PROTECTION BAR WITH FOG LIGHTS VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Remove engine intake tube, one plastic PK screw clip.
2. Remove grille cover, four plastic PK screw clips and five plastic clips into rear of grille. Use flat screwdriver through grille to release. **See figure 1.**
3. Unfasten inner guards, three plastic PK screw clips, two plastic Christmas tree clips and three 7mm head screws (per side).
4. Remove two 7mm head screws from bumper wing into guard (per side).
5. Remove two 7mm head screws from centre rear of under body tray. Unclip under body tray from cross member. Allow under body tray to hang.
6. Remove two 10mm head bolts from top of bumper near headlights.
7. Pull sides of bumper gently out to unclip from guard retainer. Carefully remove bumper and under body guard as one piece. **See figure 2**
8. Remove left and right flexible plastic infill's from front of cross member. Four 10mm head screws.
9. Using a jack or similar, hold ECB steel mounting bracket (supplied) up to vehicle, mount extensions to rear inside of chassis rails and flat sections behind vehicle front cross member.
10. Using 3/8 x 1 1/2 bolts and washers on 300mm wire, spring washers, flat washers and nuts (supplied), secure front of ECB steel mounting bracket to cross member. **FINGER TIGHTEN ONLY.**
11. On driver's side: From rear of vehicle front cross member, measure back along lower flange of chassis rail 108 mm. **See figure 3.** Mark in centre of lower flange. From centre mark, measure back 70mm and mark centre of lower flange. When you place your fingers behind the flange, your mark should align with the centre of the hole in the ECB steel mounting bracket. Centre punch mark and drill hole in flange to 10mm. **NOTE:** Blow all filings from chassis and treat all drilled holes with paint or rust proofing as installing. Fit using 3/8 x 1 1/2 bolt, flat washers, spring washer and nut (supplied). **FINGER TIGHTEN ONLY.**
12. Repeat for passenger's side. Remove two 10mm head bolts from plastic water bottle and pull to rear of vehicle to allow access to lower flange of chassis.
13. Ensure ECB steel mounting bracket is central. Using the mounting bracket as a guide, drill 10mm holes in lower front cross member. **NOTE:** Blow all filings from chassis and treat all drilled holes with paint or rust proofing as installing. Fit using 3/8 x 1 1/2 bolts, flat washers, spring washers and nuts (supplied).

14. TIGHTEN ALL BOLTS.



**WORLD'S BEST
ALLOY BULLBARS**

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15. Refit plastic water bottle on passenger's side of vehicle.
16. Remove three 10mm head bolts from headlight. Unclip headlight from bumper guard clip and top inner rail of guard. Remove headlight. Splice ECB wiring harness into original vehicle wiring harness, using parking light as the earth. **NOTE:** To semi hide park light wiring, attach to vehicle harness at join in harness, not at light attachment point and cover using black electrical tape. Refit headlights.
17. Splice ECB fog light wiring into original vehicle wiring harness.
18. Trim grille to suit ECB steel mounting bracket. **NOTE:** Cover for tow hook will need to be removed. **See figures 4 and 5.**
19. Refit bumper to vehicle as per reverse of steps 1 to 7.
20. Fit ECB LED indicator / park lights into protection bar as per instructions supplied with the LED indicator kit. **NOTE: Ensure park light is to outside. See figure 6.**
21. Attach ECB fog lights to protection bar. Use M6 x 20 bolts and washers (supplied) with M6 nuts on wire (supplied). **TIGHTEN FIRM ONLY. See figure 7.**
22. Attach 6mm clip lock trim (supplied) to top of ECB Protection Bar. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of protection bar. **See figures 8, 9 and 10.**
23. Carefully hold ECB Protection Bar up to steel mounting bracket and secure using 3/8 x 1 ½ bolts on 300mm wire to outside mounts, 3/8 x 1 ½ bolts for inner mount, flat washers, spring washers and nuts (supplied). **FINGER TIGHTEN ONLY.**
24. Align ECB Protection Bar with vehicle. **See figures 11 and 12.**
25. **TIGHTEN ALL BOLTS.**
26. Fit 3mm clip lock trim (supplied) around airflow cut outs in protection bar. **See figure 13.**
27. Connect all lights and check for correct operation. Install fog light trims into protection bar with large section to inside.

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:



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- 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 – ECB steel mounting bracket	1 – ECB LED Indicator / Park light kit.
8 – 3/8 x 1 ½ bolts	1 – Pair ECB fog lights
22 – 3/8 flat washers	2 – Fog light trims
14 – 3/8 spring washers	2 – M6 x 20 bolts
6 – 3/8 x 1½ bolts and washers on 300mm wire	2 – M6 flat washers
14 – 3/8 nuts	2 – M6 spring washers
1 – 2500mm length 6mm clip lock trim	2 – M6 nuts on 100mm wire
2 – 400mm lengths 3mm clip lock trim	10 – Cable locks

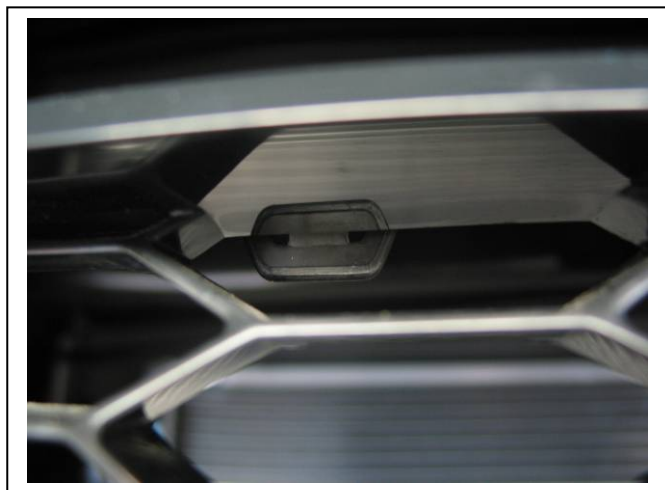


Figure 1: Clip on Radiator cover as seen through grille.



Figure 2: Bumper assembly removed from vehicle complete.



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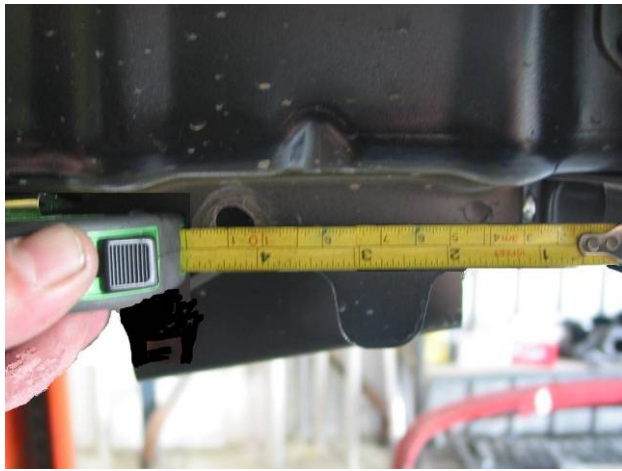


Figure 3: Measuring flange of vehicle



Figure 4: Trim on flexible plastic insert to suit ECB steel mounting bracket

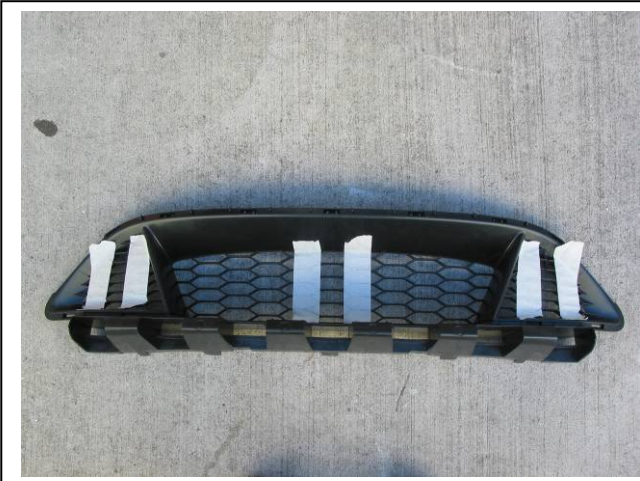


Figure 5: Approximate grille trim only.

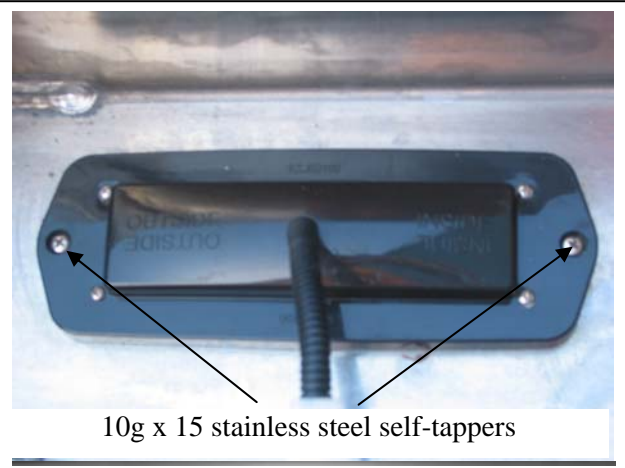
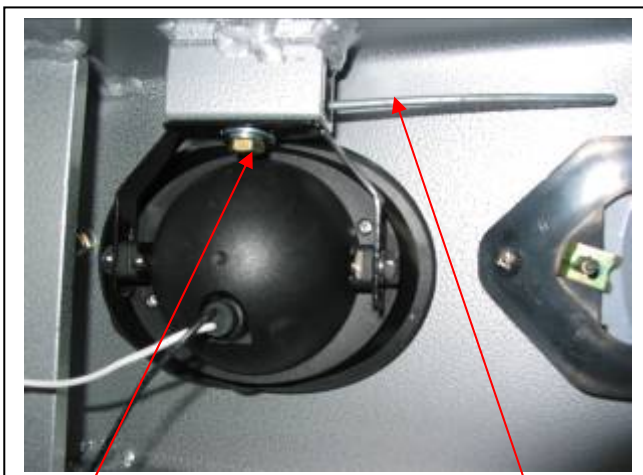


Figure 6



M6 bolt

Figure 7

M6 nut on 100mm wire

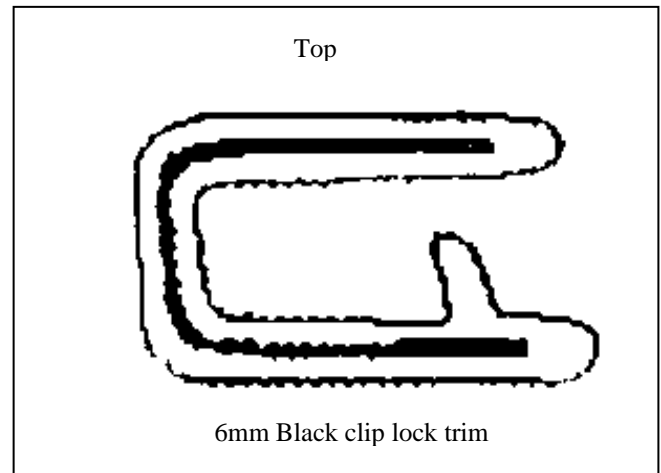


Figure 8



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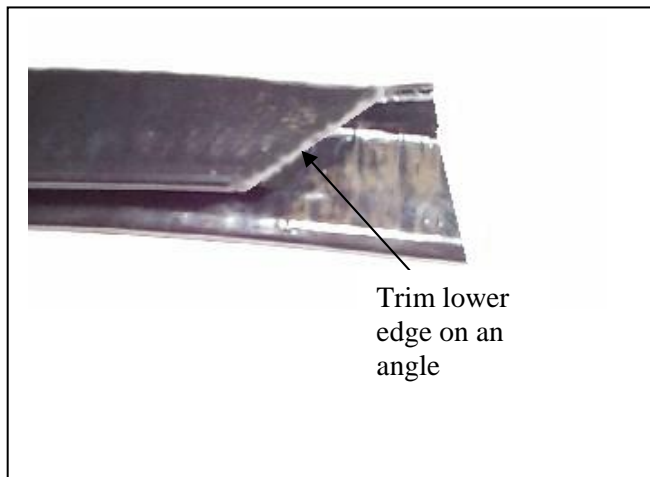


Figure 9

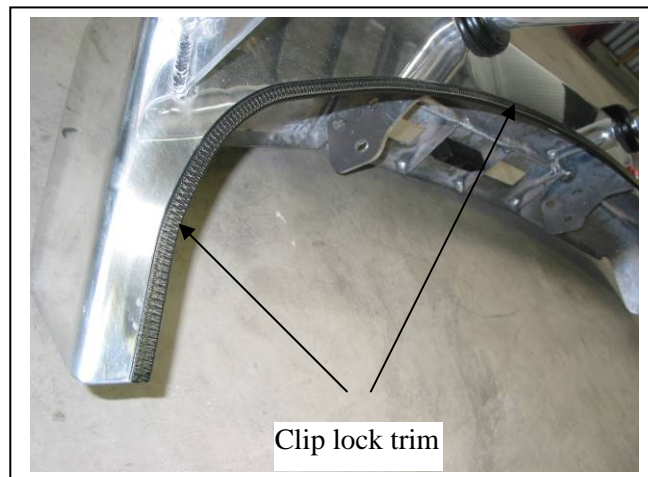


Figure 10



Figure 11: ECB Protection Bar front view



Figure 12: ECB Protection Bar side view

Attach 3mm clip lock around airflow cut outs

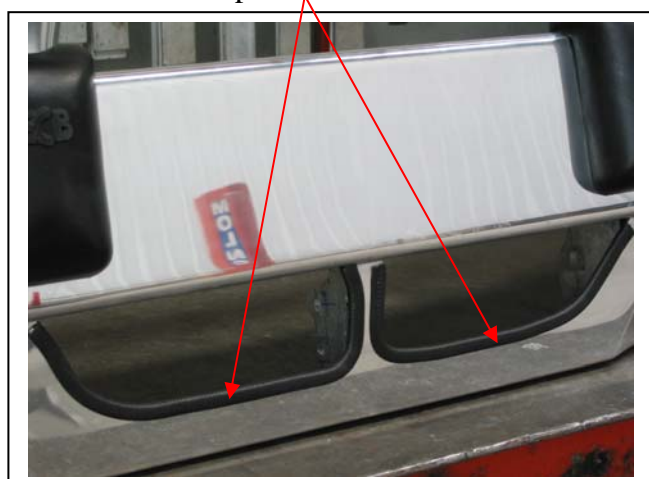


Figure 13



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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

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DESPATCH CHECKLIST BF15SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- ☐ 1 – ECB steel mounting bracket.
- ☐ 1 – Bolt kit
- ☐ 1 – LED ECB indicator / park light kit.
- ☐ 1 – Pair ECB fog lights.
- ☐ 2 – Fog light trims.
- ☐ 1 – 2500mm length 6mm clip lock trim.
- ☐ 2 – 400mm lengths 3mm clip lock trim
- ☐ 2 – ECB trimmed overrides – **Fitted to bar.**

**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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