



WORLD'S BEST
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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BS67SY

REPLACES: 04.10.13
REVISED: 01.04.15

FITTING INSTRUCTIONS

SUBARU FORESTER XT 01/13on BIG TUBE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet.
2. Remove washer caps from front bumper sprayers (if fitted). Gently pull sprayers out of bumper being careful not to stress to shafts. Push clips on side to remove caps. **See figure 1.**
3. Remove bumper. Six plastic push pull clips from top of grille, two plastic push pull clips and one plastic screw (per side) from under bumper and one plastic centre push clip (per side) from bumper wing in wheel arch. Carefully pull sides of bumper out from vehicle then forward to release the support clips on guard and under headlight. **See figure 2.**
4. Unplug washer line from bumper support, 6 plastic clips.
5. Remove bumper support from vehicle, four 12mm head bolts (per side). **See figure 3.** Remove crash can assembly from front of bumper support, seven 10mm head bolts. Flatten lugs on rear of support base level with rear of corresponding area.
6. Remove one 12mm head bolt and wiring loom plug locator for access of tow hook. Install tow hook to drivers side using two M12 x 30 bolts, flat washers, spring washers and nuts and one M10 x 30 bolt, spring washer and flat washer (supplied). **See figure 4.** Lower hole uses 6mm flat washer to inside of tie down bracket.
7. Fit ECB steel mounting brackets to bumper support using M6 bolt, spring washer and flat washer. **See figure 5.** Using inner measurement on ECB Alloy Protection bar; align outer measurement on ECB steel mounting brackets on bumper support. Ensure mounting brackets are central to bumper support. **Tighten all bolts.**
8. Fit ECB steel mounting brackets and bumper support back to vehicle using eight M8 x 35 bolts, spring washers and flat washers (supplied). **Tighten all bolts.** Using ECB steel mounting brackets as a guide, drill three holes in front of bumper support to 10mm. **Note: Blow filings clear and treat all exposed metal with a rust inhibitor.** Fit three M10 x 35 bolts flat washers, spring washers and nuts (per side) (supplied) to drilled holes. **Tighten all bolts. See figure 6.**
9. Disconnect oil cooler lines from plastic clip on front of radiator support. Connect lower oil cooler line into top line holder on plastic clip. Gently adjust lower metal oil line to remove stress from oil line. Zip ties upper oil line to lower oil line. Ensure oil lines are clear of rub points and edges of ECB steel mounting brackets. **See figure 7.**
10. Disconnect indicator and parking lights on vehicle. Install ECB quick click wiring harnesses (supplied) between disconnected harness and indicator / park lights on vehicle. Run wiring out from under lights ensuring clearance from sharp edges and moving parts.
11. Mark and cut lower grille opening as per **figure 8** to allow access to rear bolts in mounts.
12. Refit bumper cover as per reverse of step 2. Do not fit lower bumper inner plastic clips at this point.



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13. 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 9

14. Carefully fit ECB protection bar onto mounts and install M10 x 35 bolts, flat washers, spring washers and nuts (supplied). Rear bolts are fitted from behind bumper from underside of bumper.

15. Align ECB protection bar with vehicle. **See figures 10 and 12 for front views, 11 and 13 for side views. Tighten all bolts.**

16. Check for correct operation of ECB indicator / park lights.

17. Install plastic bumper lower plastic push pull clips.

18. Remove skirt vents from ECB protection Bar and turn upside down to direct air more directly onto radiators.

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:

- Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- Do not remove the plaque or label from the VFPS.
- Do not modify the structure of the VFPS in any way.
- No accessory or fitment should project forward of the VFPS forward profile.
- 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 – Pair ECB Steel mounting brackets	14 – M10 x 1.25 nuts
1 – ECB Steel tow bracket	9 – M8 x 1.25 x 35 bolts
1 – 6mm steel washer (40 x 12 x 6)	9 – M8 spring washers
2 – M12 x 1.25 x 30 bolts	2 – M6 x 25 bolts
4 – M12 flat washers	2 – M6 spring washers
2 – M12 spring washers	2 – M6 flat washers
2 – M12 x 1.25 nuts	1 – ECB LED Indicator / Park light kit
15 – M10 x 1.25 x 35 bolts	1 – ECB Quick Click harness (IC13SUFOINDH)
37 – M10 flat washers	1 – 2400mm length 6mm clip lock trim
16 – M10 spring washers	2 – 300mm Zip tie



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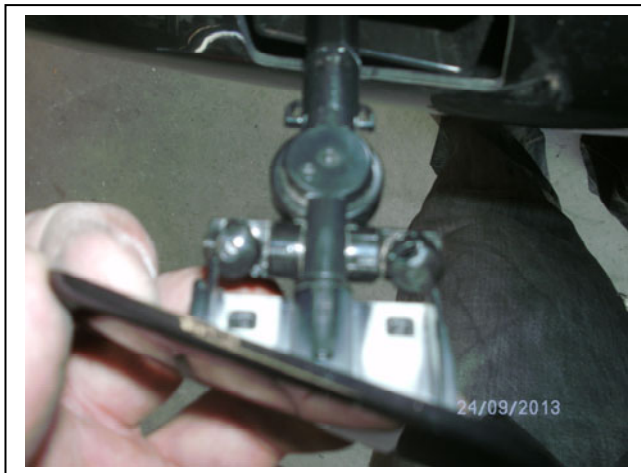


Figure 1: Unclip front cover from head light washer



Figure 2: Unclip bumper from guard and light

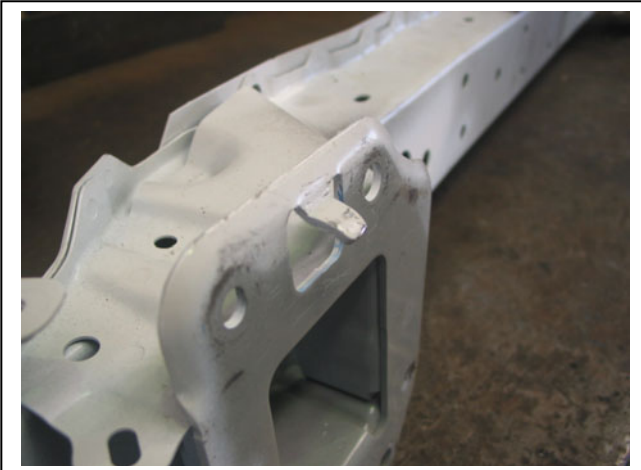


Figure 3: Rear tab before folding flat



Figure 4: Install tow hook to passengers side, use 40 x 6 washer to rear of lower hole



Figure 5: Install ECB steel mounting brackets onto bumper support

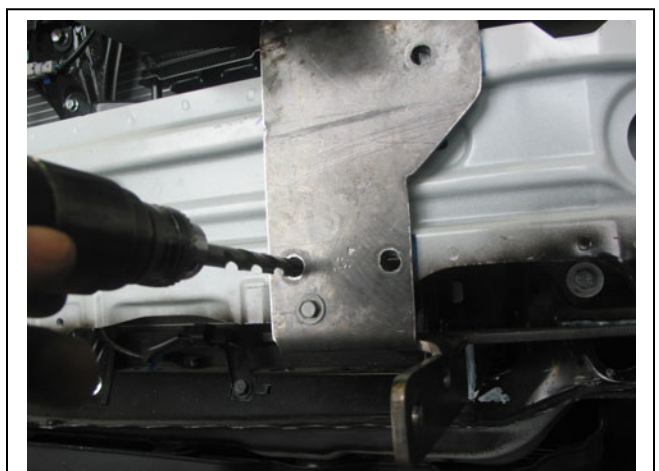


Figure 6: Drill front holes to 10mm using ECB steel mounting brackets as a guide.



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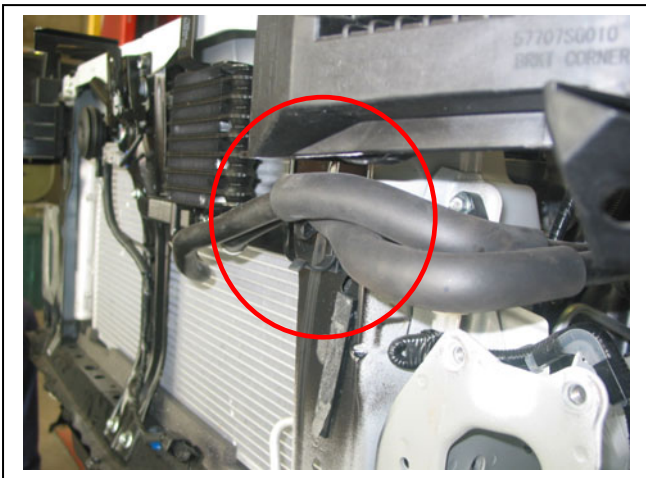


Figure 7: Adjustment of oil cooler lines. Note:
lower tube in upper holder

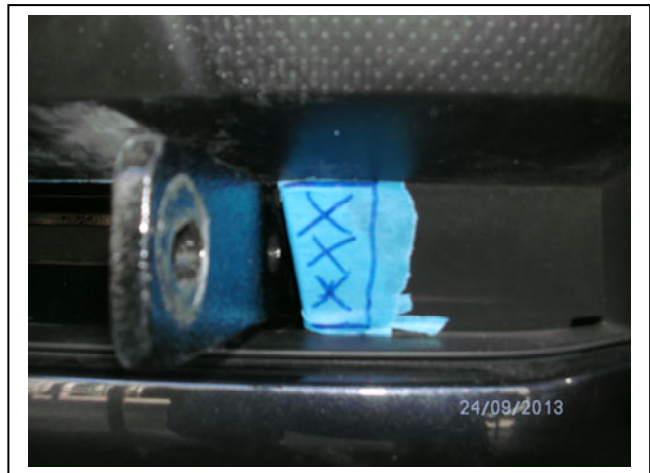


Figure 8: Cut area of bumper on XT models

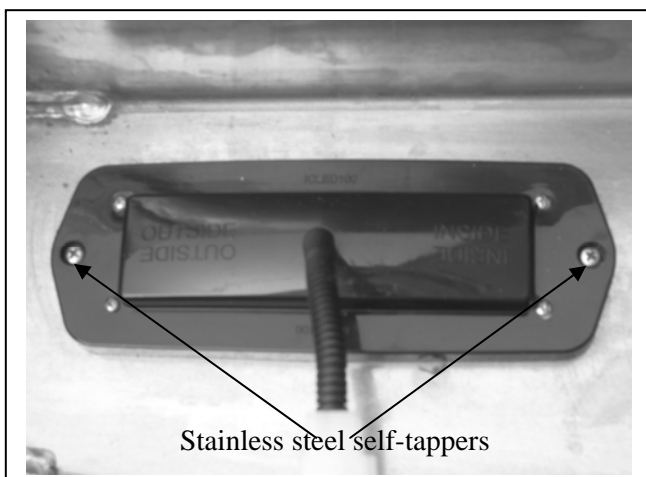


Figure 9



Figure 10: Front View



Figure 11: Side view



Figure 12: Front view – Fog light bar



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Figure 13: Side view – Fog light bar



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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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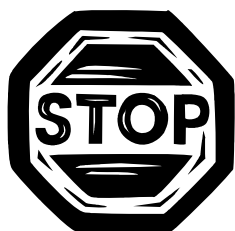
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DESPATCH CHECKLIST BS67SY

Work Order #		See other side of this page for photos of all mounts
Finish:		
Transport:		
Due Date:		

- OC..... 1 – Pair ECB steel mounting brackets.
- OC..... 1 – ECB Steel tow bracket
- BK..... 1 – Bolt Kit.
- BK..... 1 – LED Indicator / park light kit
- BK..... 1 – Quick Click harness kit (IC13SUFOINDH)
- OC..... 2 – Overrides (**attach to bar**)
- OC..... 3 – 6mm air vents (**attach to bar**)



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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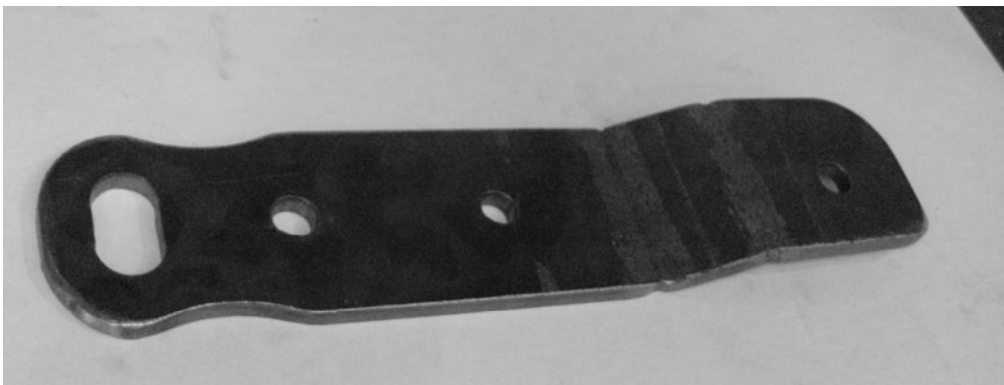
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Wrapper's initials / Checker initials

_____/_____