



**WORLD'S BEST  
ALLOY BULLBARS**

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

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REPLACES: 00.00.00  
REVISED: 06.03.13

## **BS65SY, BS66SY**

### **FITTING INSTRUCTIONS**

#### **SUBARU FORESTER 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 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 1.**
3. Remove bumper support from vehicle, four 12mm head bolts (per side). **See figure 2.** Remove crash can assembly from front of bumper support, seven 10mm head bolts.
4. 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. **See figure 3.** Lower hole uses 6mm flat washer to inside of tie down bracket.
5. Fit ECB steel mounting brackets to bumper support using M6 bolt, spring washer and flat washer. **See figure 4.** Using inner measurement on ECB Alloy Protection bar, align outer measurement on ECB steel mount on bumper support. Ensure mounts are central to bumper support. **Tighten all bolts.**
6. Fit ECB steel mounts and bumper support back to vehicle using eight M8 x 35 bolts, spring washers and flat washers. **Tighten all bolts.** Using ECB steel mount 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) to drilled holes. **Tighten all bolts. See figure 5.**
7. 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 mount. **See figure 6.**
8. 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 through top grille opening ensuring clearance from sharp edges and moving parts.
9. Refit bumper cover as per reverse of step 2. Do not fit lower bumper inner plastic clips at this point.
10. 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 7**
11. Carefully fit ECB protection bar onto mounts and install M10 x 35 bolts, flat washers, spring washers and nuts. Rear bolts are fitted from behind bumper from underside of bumper.



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12. Align ECB protection bar with vehicle. See figures 8 and 10 for front view, 9 and 11 for side view.

**Tighten all bolts.**

13. Check operation of ECB indicator / park lights.

14. Install plastic bumper lower plastic push pull clips.

**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**

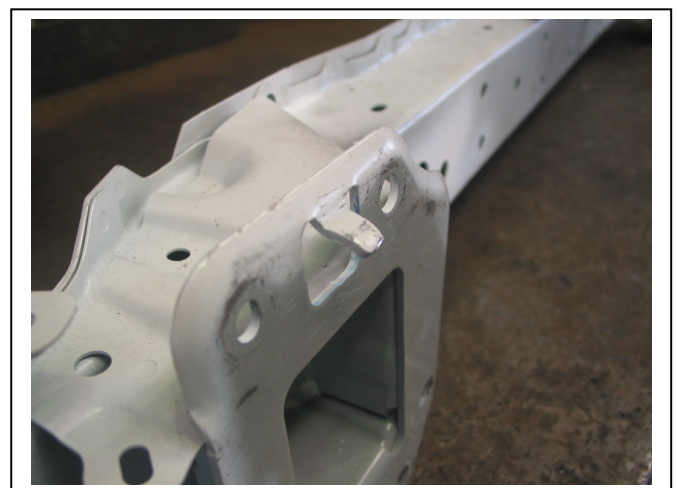
Periodically check bolts and nuts for correct tightness, especially if travelling on rough roads

**FITTING KIT**

1 – Pair ECB Steel mounting brackets	9 – M8 x 1.25 x 35 bolts
1 – ECB Steel tow bracket	9 – M8 flat washers
1 – 6mm steel washer (40 x 12 x 6)	9 – M8 spring washers
2 – M12 x 1.25 x 30 bolt	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 – Quick Click Indi / Park kit (IC13SUFOINDH)
37 – M10 flat washers	1 – 2400mm length 6mm clip lock trim
16 – M10 spring washers	2 – 300mm Zip tie
14 – M10 x 1.25 nuts	



**Figure 1:** Unclip bumper from guard and light



**Figure 2:** Rear tab before folding flat



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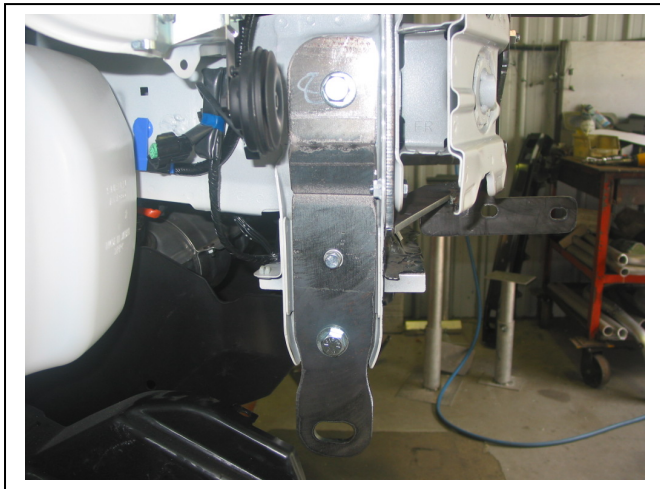


Figure 3: Install tow hook to passengers side

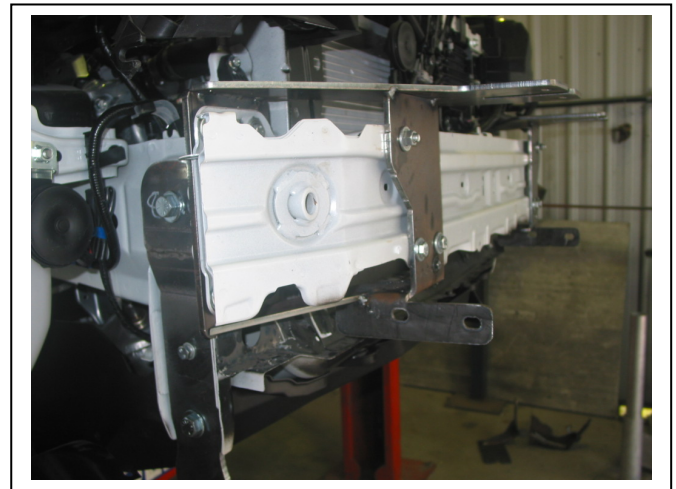


Figure 4: Install ECB mounts onto bumper support

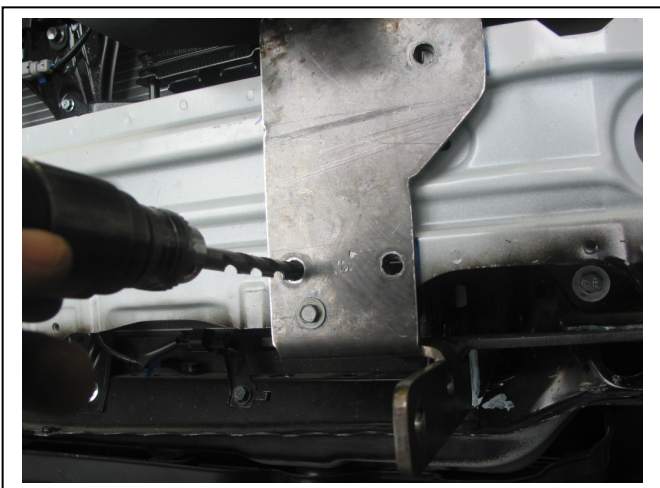


Figure 5: Drill front holes to 10mm using ECB steel mount as a guide.

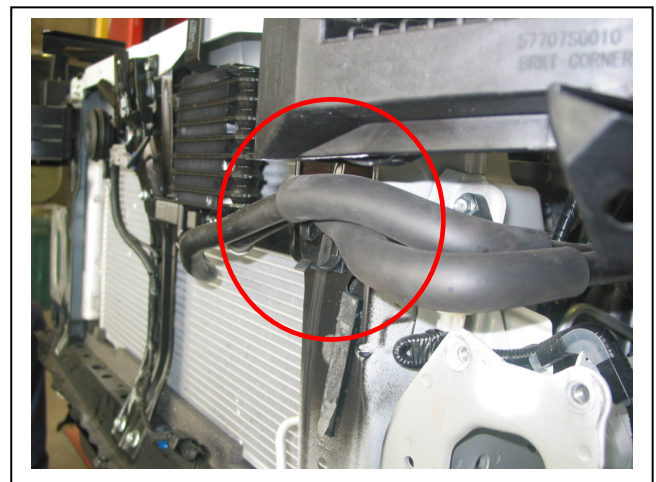
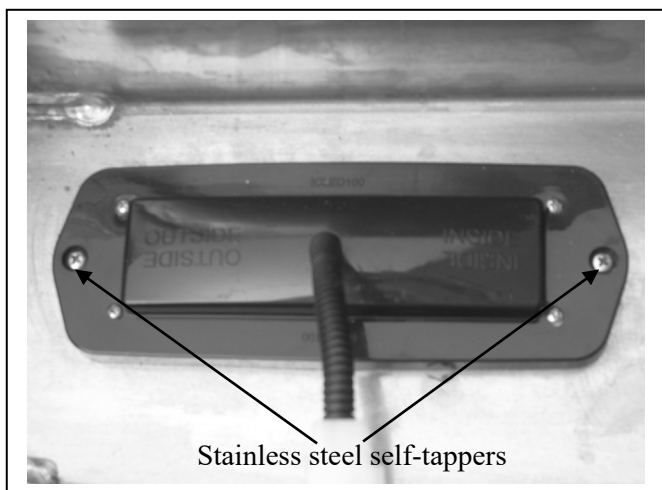


Figure 6: Adjustment of oil cooler lines. Note: lower tube in holder



Stainless steel self-tappers

Figure 7:



Figure 8: Front View



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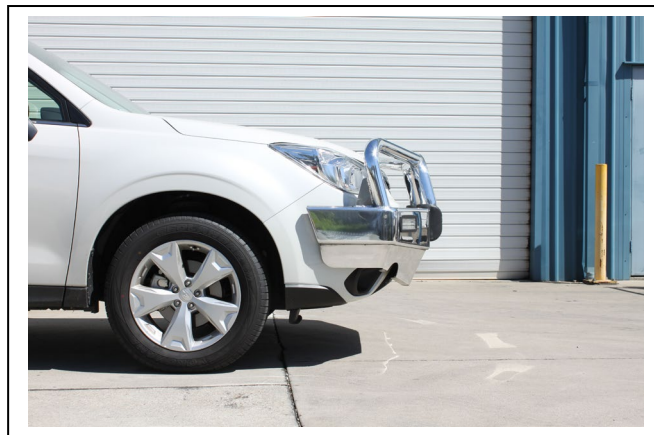
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**Figure 9:** Side view



**Figure 10:** Front view



**Figure 11:** 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.

<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

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Did the installation go well?

Yes

No

Please provide comments

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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 BS65SY/ BS66SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- OC..... 1 – Pair ECB steel mounting brackets.
- OC..... 1 – ECB Steel tow bracket
- BK..... 1 – Bolt Kit.
- BK..... 1 – Indi / park light kit
- BK..... 1 – Quick Click Indi / Park kit (IC13SUFOINDIH)
- OC..... 2 – Overrides (attach to bar)
- OC..... 3 – 6mm air vents (attach 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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Wrapper's initials / Checker initials

\_\_\_\_\_/\_\_\_\_\_  
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