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BSZ62SYREPLACES: 27.07.09 REVISED: 17.01.18

FITTING INSTRUCTIONS
SUZUKI GRAND VITARA 9/08BIG TUBE™ PROTECTION BAR WITH FOG LIGHTS
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

- 1. Lift bonnet
- 2. Remove grille: four plastic push pull clips on top grille, four plastic push pull clips on top of bumper to allow bumper be to pulled forward and seven plastic clips on back of grille. **See figures 1 and 2.**
- 3. Remove bumper: two 10mm head bolts from front of bumper behind grille section. Remove one 10mm head bolt and three plastic push pull clips from under wing on each side. Remove seven plastic push pull clips and two 10mm head bolts from under bumper. Gently pull wings out from under guards and slide forward off vehicle.
- 4. Remove passenger side headlight: three 10mm head bolts and one pull clip, disconnect all wires and remove completely to allow access to washer bottle. **See figure 3.**
- 5. Remove washer bottle: one plastic push pull clip from top near filler cap and four 10mm head bolts. Leaving all wires and hoses connected lift up and place under bonnet to allow access for drilling holes. **See figure 4**. Remove air box from driver's side, two 10mm head bolts.
- 6. Using die grinder or similar enlarge hole under front of chassis rail to allow 3/8 bolt and washer on wire to fit through. **See figure 5**. **NOTE:** Blow filings clear and treat all exposed metal with a rust inhibitor. Remove front plastic bumper support.
- 7. **For Turbo Diesel models only**: Remove four 10mm head bolts from side of chassis containing intercooler brackets. Drill intercooler brackets holes where bolts removed to 10mm.**NOTE:** Blow filings clear and treat all exposed metal with a rust inhibitor.
- 8. Fit ECB steel mounting bracket (supplied) to chassis using one 3/8 x 1 ½ bolt on wire (supplied) in bottom factory hole and one 3/8 x 1 ½ bolt with washer on wire in top hole with flat washer, spring washer and nuts (supplied) on side of chassis rail and on turbo diesel models intercooler bracket. **Finger tighten only. See figure** 6.
- 9. Using a 10mm drill bit and the ECB steel mounting brackets as a guide, drill rear two holes and front top hole in steel mounting bracket through chassis on each side; **NOTE:** Blow filings clear and treat all exposed metal with a rust inhibitor. **See figure 7**. Fit three 3/8 x 1 ½ bolts, flat washer, spring washer and nuts (supplied) through rear holes with bolt to outside and top front hole with bolt to inside of chassis rail. **TIGHTEN ALL BOLTS** both sides. With a set of heavy pliers, twist top of intercooler mount flat to release pressure on the intercooler mounting rubbers.
- 10. Refit washer bottle and air box reverse of removal refer steps 4 and 5. Ensure washer bottle and air box clear mounting bracket. Remove drivers side headlight, three 10mm head bolts and one plastic clip. Splice ECB indicator park light wiring into original. Use cable locks (supplied). Refit headlights as per reverse of removal.
- 11. Splice ECB fog light wiring to vehicles original wiring harness, use cable locks supplied.



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- 12. Remove lower grille section taking three PK screws from behind and several plastic clips around edge and pull out from behind. Trim grille to allow mounts to fit through. Refit to plastic bumper after trim. **See figures 8 and 9**.
- 13. Ensure all bolts on steel mounting brackets are tight. Refit bumper as per reverse of removal. Refer step 3. Refit grille as per reverse of step 2.
- 14. 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 10.**
- 15. Attach ECB fog lights to protection bar. Place M6 x 20 bolts, spring washers (supplied) through light mount from inside and attach nut to top. Slide assembly into light mount in Protection bar and centralize light to hole. **TIGHTEN FIRM ONLY. See figure 11**
- 16. 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 12, 13 and 14.**
- 17. Attach ECB protection bar to outside of steel mounts. Use two ½ x 1 ½ bolts, flat washers, spring washers and nuts on wire on each side.
- 18. Align protection bar with vehicle. See figures 14 and 15. TIGHTEN ALL BOLTS
- 19. Attach 6mm clip lock (supplied) to air vent cut outs in protection bar with flat side to front. Start at top centre feeding hard into all corners, overlap starting point by 3-4mm and cut off, force in. Ensure start and finish cuts are square. **See figure 17.**
- 20. Fit 3mm clip lock trim (supplied) to air vent cut outs in protection bar skirt. See figure 17.
- 21. Connect ECB indicator / park lights and check for the correct operation.
- 22. Connect fog light wiring and **CHECK OPERATION.** Insert Fog light trims into Protection bar with large side to inside of protection bar.

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



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FITTING KIT

1 – Steel mounting bracket.	1 – ECB LED Indicator / Park light kit
$6 - 3/8 \times 1 \frac{1}{2}$ bolts.	1 – Pair ECB fog lights.
$2 - 3/8 \times 1 \frac{1}{4}$ bolts on 300mm wire.	2 – Fog light trims.
$2 - 3/8 \times 1^{1/4}$ bolts and washers on 300mm wire.	2 – M6 x 20 bolts.
16 - 3/8 flat washers.	2 – M6 nuts
10 - 3/8 spring washers.	2 – M6 spring washers.
10 - 3/8 nuts.	10 – Cable locks.
$4 - \frac{1}{2} \times 1^{\frac{1}{2}}$ bolts.	1 – 2100mm length 6mm clip lock trim
$6 - \frac{1}{2}$ flat washers.	2 – 600mm lengths 6mm clip lock trim
$4 - \frac{1}{2}$ spring washers.	2 – 430mm lengths 3mm clip lock trim
$4 - \frac{1}{2}$ nuts and washers on 300mm wire.	



Figure 1



Figure 3



Figure 2



Figure 4



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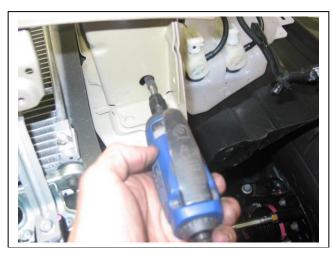


Figure 5



Figure 6



Figure 7



Figure 8



Figure 9

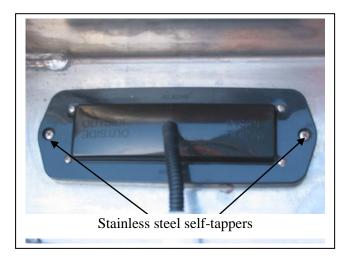


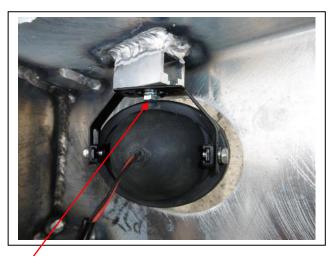
Figure 10



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M6 bolt

Figure 11

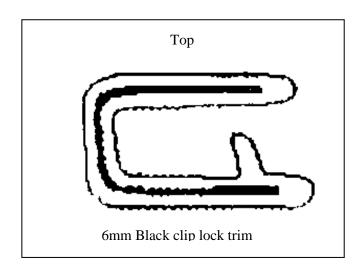


Figure 12

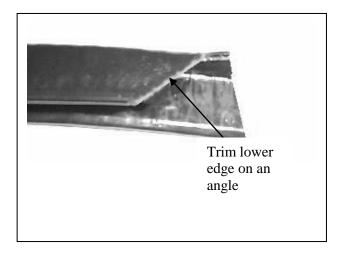


Figure 13

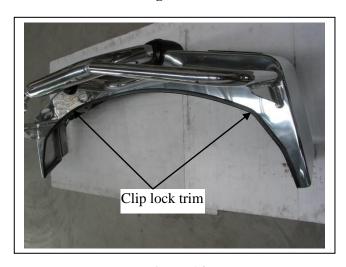


Figure 14



Figure 15



Figure 16



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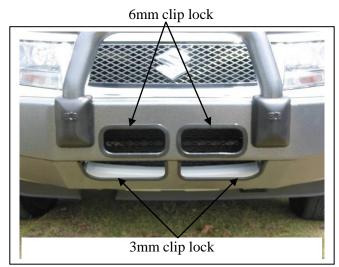


Figure 17



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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 Invoice No.		
Product Description:	Make, model, and year	Make, model, and year of vehicle:		
Product Work Order No.	Company your from/Co	ompany 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 Margate QLD 4019 **Fax to** (07) 3283 1168



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East Coast Bullbars (ECB Pty Ltd)

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DESPATCH CHECKLIST BSZ62SY

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Wor	k Order #		
	Finish:		
Т	Transport:		
I	Due Date:		
000000000000000000000000000000000000000	1 – Pair ECB f 2 – Fog light tr 1 – 2040mm ler 2 – 600mm ler 2 – 430mm ler	indicator / park light kit. Fog lights.	See other side of this page for photos of all mounts
STO All parts		duct "the best it can be" before continuing being by:	Yes/
Nut	t and bolts:		Date//
Orc	ler control:		Date//
Final w	rap check:	© Copyright – ECB Pty Ltd – 2018	Date//
		Copyright LCD I ty Ltd = 2010	



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