

Tel: 07 3897 5700 Fax: 07 3283 1168 ecb@ecb.com.au_www.ecb.com.au 29 Snook St Clontarf QLD 4019 Australia

Po Box 122 Margate QLD 4019 Australia

BC54SY

REPLACES: 00.00.00 REVISED: 23.05.11

FITTING INSTRUCTIONS

CHEVEROLET SILVERADO 2011on BIG TUBE™ BAR (WITH FOG LAMPS) VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

- 1. Lift bonnet
- 2. Remove grille to radiator support cover, eight push pull plastic clips.
- 3. From air opening on bumper, disconnect air damming from front bumper. (Five plastic Christmas tree plugs.)
- 4. From under bumper, disconnect front of inner guards from underside of bumper, two 10mm head nuts (per side).
- 5. Remove bumper stays. Three 15mm bolts (per side), two from chassis and one from bumper end. **See figure 1.** Disconnect fog lights (if installed).
- 6. Remove two 21mm bolts from bumper brackets. Access from behind grille. See figure 2.
- 7. Remove bumper from vehicle.
- 8. Remove bumper brackets and tow hook from front of chassis rails (two 21mm nuts on factory "u" bolts) and one 19mm bolt and nut and 19mm anti twist bolt from tow hook.
- 9. Fit ECB Steel mounting brackets (supplied) to outside of chassis rails using two ½ x 4 ½ bolts, flat washers, spring washers and nuts(supplied). Refit tow hook to original position using one ½ x 4 ½ bolt, flat washers, spring washers and nuts (supplied) and original equipment 19mm anti twist bolt. See figure 3. Finger tighten only.
- Splice ECB indicator/park light and fog light wiring into original wiring loome. Use cable locks (supplied). Wiring is accessible under headlamps. If fog lamps not fitted, an accessory wiring kit will be required. See figure 4.
- 11. Attach alloy infill (supplied) to top sides of ECB Protection Bar using three M6 x 20 bolts flat washers and nyloc nuts (per side)(supplied). **Finger tighten only**. Attach 6mm clip lock trim (supplied) neatly under alloy infill across centre of Protection Bar and 3mm clip lock trim (supplied) to top of alloy infill. Trim clip lock trim neatly to match edges of alloy sections. **See figures 5 and 6.**
- 12. 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 7.**
- 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. See figure 8. Tighten Firm Only. NOTE: Do not fit ECB light trims to protection bar at this point.
- 14. Attach ECB Protection Bar to outside of steel mounting brackets. Use three ½ x 1 ½ bolts, flat washers, spring washers and nuts (per side) (supplied). **Finger tighten only**.



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- 15. Push steel mounting brackets as high as possible for alloy bar. **Tighten** steel mounting bolts and anti twist bolt on underside of chassis to tow hook.
- 16. Align ECB Protection Bar to vehicle. **Tighten all bolts. See figures 9 and 10.** Align and tighten alloy infill to top of protection bar. **NOTE:** Alloy infill sits approximately 10mm behind front face of headlight.
- 17. Connect ECB indicator/park light and fog lamp. Ensure wiring is routed in such a manner to avoid any sharp edges etc and fog lamps are pointed forward and at a slightly downward angle. Check for correct operation. Fit Fog light trims (supplied), large side to inside of bar.
- 18. Trim lower wheel arch splash guard level with bottom of skirt on Protection bar. Cuts will be required to allow splash guard to sit neatly behind Side 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

FITTING KIT

1 – Pair ECB Steel Mounting Brackets	1 – ECB LED Indicator / Park light kit
1 – Pair ECB alloy infill trims	1 – Pair ECB Fog Lamps.
$6 - \frac{1}{2} \times 4 \frac{1}{2}$ bolts	2 – Fog lamp surrounds.
$6 - \frac{1}{2} \times 1 \frac{1}{2}$ bolts	8 – M6 x 20 bolts.
$24 - \frac{1}{2}$ flat washers	14 – M6 flat washers.
$12 - \frac{1}{2}$ spring washers	2 – M6 spring washers.
$12 - \frac{1}{2}$ nuts	2 - M6 nuts
1 – 1650mm length, 6mm clip lock trim.	6 – M6 nyloc nuts
2 – 600mm length, 3mm clip lock trim	10 – Cable locks



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Figure 1: Stay mount to chassis, two 15mm bolts



Figure 3: Drivers side steel mounting bracket fitted

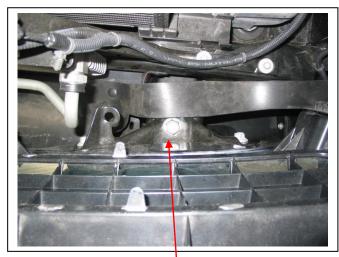


Figure 2: 21mm bolt looking down from behind grille



Figure 4: Wiring harness under driver's headlamp



Figure 5: point on bumper alloy infill meets 6mm clip lock trim.



Figure 6: 6mm clip lock trim protrudes past alloy infill and is locked down when bolts are tightened.



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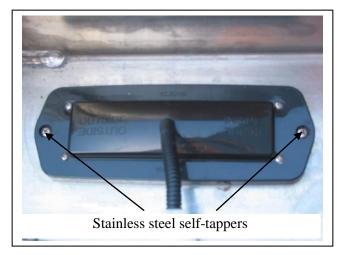
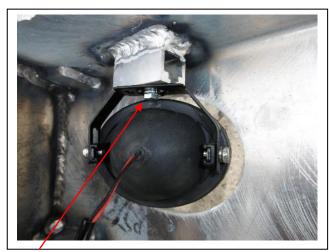


Figure 7



M6 bolt

Figure 8



Figure 9: Big TubeTM Bar front view shown



Figure 10: Big TubeTM Bar side view shown



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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 Invoice No. Make, model, and year of vehicle:		
Product Part No.			
Product Description:			
Product Work Order No.	Company your from/(Company product purchased from:	
Date of Fitment://	Yes	No	
Was the fitting hardware supplied complete?			
If no what was not supplied			
Did the installation go well?	Yes	No	
Please provide comments			

Please draw diagrams if you need to.

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DESPATCH CHECKLIST BC54SY

ICZBKCC54

Work	Corder #				
	Finish:				
T	ransport:				
D	ue Date:				
0 0	1 – Pair EC 1 – Pair all	B Steel mounting brackets.	See other side of		
0	1 – Bolt Ki	this page for photos of all			
0 0		ED Indicator / Park light kit. B fog lamps.	mounts		
0					
0	O = 1 - 1650mm length 6mm clip lock.				
O 2 – 600mm length 3mm clip lock trim.					
O 2 – ECB overriders – Fitted to bar .					
0	8 – 6mm ai	r scoops – Fitted to bar.			
All parts	If NO	product "the best it can be" fix before continuing and <u>completed</u> by:	Yes/ Wrapper's initials / Checker initials		
Nut	t and bolts:		Date//		
Orc	ler control:		Date_/_/		
Final w	rap check:		Date//		



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