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NB6H60SY / NBH60SY

REPLACES: 16.07.10 REVISED: 06.07.11

FITTING INSTRUCTIONS

HOLDEN COLORADO 07/08on 63mm SERIES 2 NUDGE BAR and 76mm NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG AND ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

- 1. Lift bonnet.
- 2. Remove grille. Two push pull clips along top, two 10 mm head bolts and three PK self-tappers just below Holden badge. Lift grille, from behind, two push in-out clips at bottom. **See figure 1**
- 3. Remove bumper cover. Four plastic clips along top under grille area, two 10mm head self-tappers and one plastic clip (each side). Two plastic clips at bottom. Pull bumper cover down on sides to release from locating pins as removing.
- 4. Remove cross member from front of chassis. Four 14mm head bolts. See figure 2.
- 5. Bend tab on cross member flush. **See figure 3.**
- 6. Remove front 14mm head bolts from under chassis protection plate and let hang down.
- 7. Attach ECB steel mounting brackets (supplied) to chassis using M10 x 35 x 1.25 bolts/washer (each side) through lower welded bracket at bottom of steel mounting brackets and chassis protection plate. **FINGER TIGHTEN**ONLY. NOTE: Two extra 3/8 flat washers are supplied for spacers between lower welded bracket on steel mount and chassis if required. **FINGER TIGHTEN ONLY. NOTE: The bracket with the tow hook attached** is for the passenger side of the vehicle. See figure 4
- 8. Refit cross member over steel mounting brackets. Use M10 x 35 x 1.25 bolts/washers (supplied). **See figure 4.** Place 3mm spacer (supplied) plate between passengers side mount and vehicle tow hook. Secure with ½ x 1 ½ bolt, 6mm alloy washer, flat washers, spring washer, and nut (supplied). **Note:** An extra 3mm spacer has been included in fitting kit, should it be required.
- 9. Centre steel mounting brackets on vehicle, ensuring sufficient distance apart for protection bar to mount on outside of steel mounting brackets (check protection bar measurement). **TIGHTEN ALL BOLTS.**
- 10. Refit bumper cover and grille to vehicle.
- 11. Attach ECB protection bar to outside of steel mounting brackets. Use 3/8 x 1 ½ bolt/washer on wire, flat washer, spring washer and nut (supplied) to access front holes and 3/8 x 1 ½ bolts, flat washers, spring washers and nuts (supplied) for rear holes.
- 12. Align protection bar with vehicle. **See figures 5 and 6** for Nudge Bar, **and figures 7 and 8 for** Series 2 Nudge Bar.
- 13. TIGHTEN ALL BOLTS.



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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 steel mounting brackets.	$2 - 3/8 \times 1\frac{1}{2}$ bolts.
2 – 3mm Alloy spacer plates	8 - 3/8 flat washers.
1 – 40 x 13 alloy washer	4 - 3/8 spring washers.
2 – M10 x 35 x 1.25 bolts.	4 - 3/8 nuts.
6 – M10 x 40 x 1.25 bolts.	$1 - \frac{1}{2} \times 1 \frac{1}{2}$ bolt
6 – M10 flat washers	$2 - \frac{1}{2}$ flat washers
6 – M10 spring washers	1 − ½ spring washer
$2 - 3/8 \times 1 \frac{1}{2}$ bolts/washers on 300mm wire	$1 - \frac{1}{2}$ nut



Figure 1

Cross member



Figure 2

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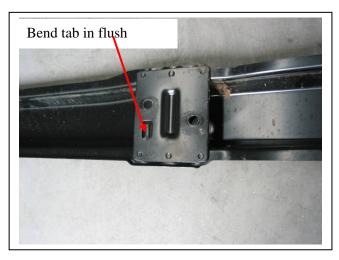


Figure 3

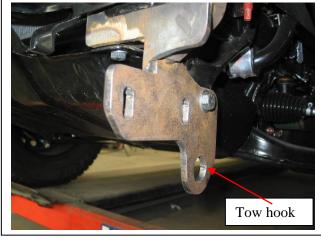


Figure 4 – Passenger side shown



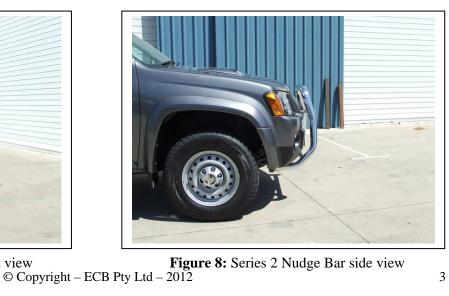
Figure 5: 76 mm Nudge Bar front view



Figure 6: 76mm Nudge Bar side view



Figure 7: Series 2 Nudge Bar front 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.

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:/	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.		

Post to Reply Paid 122 PO Box 122 Margate QLD 4019 Fax to (07) 3283 1168



Final wrap check:

East Coast Bullbars (ECB Pty Ltd)

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DESPATCH CHECKLIST NBH60SY / NB6H60SY

Worl	k Order#		
	Finish:		
Т	ransport:		
Γ	Due Date:		
0 0 0 0 STO	Caution: pas $2 - 3mm$ $1 - 40 \times 1$ $1 - Bolt K$ Is this	teel mounting brackets. sengers and drivers sides are different alloy spacer plates — in kit 3 alloy washer — in kit Lit sproduct "the best it can be fix before continuing	See other side of this page for photos of all mounts "Yes/ Wrapper's initials / Checker initials
All parts	checked ar	nd <u>completed</u> by:	
Nut	and bolts:		Date//
Ord	ler control:		Date//

Date__/__/__



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