



WORLD'S BEST
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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NBV03SY

REPLACES: 00.00.00
REVISED: 11.08.10

FITTING INSTRUCTIONS

VOLKSWAGON TRANSPORTER 01/10on 76MM NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

Special Tools: T25 and T30 Torx bit and associated driver
Air or electrically driven ratchet and associated drivers.

1. Open bonnet.
2. Remove four plastic push pull clips from grille. Slide hand in behind grille onto lower fixings, pinch lower fixings and remove grille from bumper.
3. Remove top and bottom bumper side panels from bumper using a small flat blade screwdriver. Slide screwdriver between top of side panel and bumper to release clips. Repeat for bottom of side panel and bumper. Gently pull from centre to assist in removal. **See figure 1.**
4. Disconnect passenger's side headlight, radiator bottle, and micro switch from under bonnet lock. To remove micro switch, gently lift locking tab on underside of switch and carefully lift up toward drivers' side of vehicle at 45 degrees. **See figure 2. Caution:** Plastic of micro switch is easily broken. Care needs to be taken upon removal and refitting. Feed wiring back into bumper cavity. Wiring harness is removed with bumper.
5. Remove five 13mm head bolts from centre under body guard. Unclip from plastic guard hanger and remove. From rear of bumper remove three T30 Torx head bolts.
6. Disassemble front of inner guard removing three T25 Torx head screws from underside, two T25 Torx head screws from front of wheel arch (per side). Peel back inner guard to access rear flat edge of plastic bumper.
7. Remove two 10mm head bolts from inside of guard on rear flat edge of plastic bumper (per side) and one T25 head screw from rear corner of plastic bumper wing. On drivers side of vehicle, disconnect wiring harness hanging under horn. **See figure 3.** Wiring harness is removed with bumper.
8. Where bumper side panels are removed, remove two T30 Torx head screws (per side) and one (per side) from lower corners of grille. Carefully remove bumper cover. **See figure 4.**
9. Remove two plastic screw clips from front of bumper support bracket.
10. Fit ECB Steel chassis support brackets (supplied) to front of chassis ends using two 3/8 x 1 bolts, spring washers and flat washers from underside, nuts and flat washers on 300mm wire (supplied) on inside of chassis rails. Holes in rail are accessible from front on drivers side and underside large hole behind fitment area on passengers side. **See figure 5. Finger tighten only. Warning:** Plates must be fitted to support front of chassis rail. If not fitted, damage to vehicle may occur. **Caution:** Bolts, spring washers and flat washers must be to underside of chassis rail. Fit tow hook to check bolt fitment.
11. Remove inner bolt from front of chassis rail and replace with M8 x 35 x 1.25 bolt, spring washer and 3/8 flat washer. Remove all other bolts from mount excluding bolt to hold up radiator support after this is complete. Install ECB chassis mounting brackets (supplied) to front of chassis rail using four M8 x 40 x 1.25 bolts, spring washers and 3/8 flat washers (per side) (supplied) **See figure 6.** Align centre top hole with hole in radiator



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support where plastic screw clips were removed. Centre punch and drill lower centre hole in radiator support. Fit 3/8 x 1 1/2 bolt, flat washers, spring washers and nuts. **Tighten this bolt first, and then tighten all bolts. See figure 7.**

12. Fit M8 nuts, spring washers and flat washers (supplied) to rear of chassis mount bolts. Ensure bolt is through Chassis support bracket. Hold front of bolt to tighten nut, spring washer and flat washer to rear. **Tighten all bolts. See figure 8.**
13. Remove fog light trim from plastic bumper cover. Trim inner section from bumper cover. **See figure 9.**
14. Refit bumper cover to vehicle as per reverse of steps 2 to 10.
15. Measure from inner fog light trim opening to ECB steel chassis mounting brackets. Transfer measurements to plastic fog light trim and allow 15mm opening in trim for chassis mounting brackets to protrude. Cut trim to suit. Refit trim to bumper cover. **See figure 10.**
16. Attach ECB protection bar to inside of steel chassis mounting brackets using two 1/2 x 1 1/2 bolts, flat washers, spring washers and nuts (per side) (supplied). For ease of fitment, place bolt heads to outside of mount. **Finger tighten only.**
17. Align ECB protection bar to vehicle. **Tighten all bolts. See figure 11 and 12.**

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 chassis mounting brackets.	8 – M8 x 1.25 x 40 bolts
1 – Pair ECB steel chassis support brackets.	18 – M8 flat washers
4 – 3/8 x 1 bolts	18 – M8 spring washers
2 – 3/8 x 1 1/2 bolts	8 – M8 nuts
26 – 3/8 flat washers	4 – 1/2 x 1 1/2 bolts
6 – 3/8 spring washers	8 – 1/2 flat washers
2 – 3/8 nuts	4 – 1/2 spring washers
4 – 3/8 nuts and washers on 300mm wire	4 – 1/2 nuts
2 – M8 x 1.25 x 35 bolts	



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Figure 1: Bumper side panel holding clips. Passengers side shown.

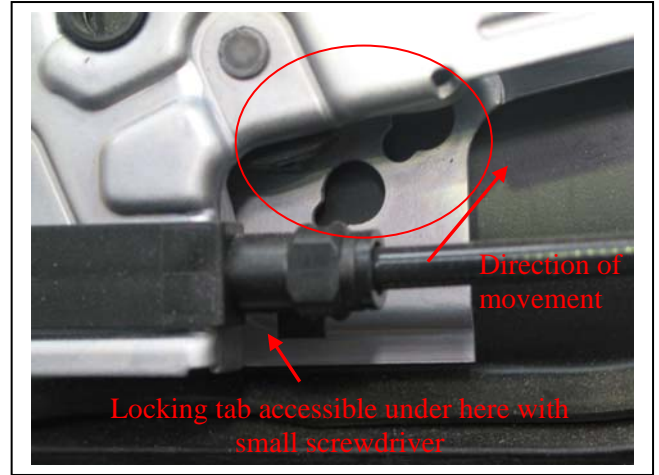


Figure 2: Placement of upper bumper screws behind radiator support.



Figure 3: Wiring harness to be disconnected. Harness is removed with plastic bumper.



Figure 4: Remove two T25 Torx screws. Photo shown with cut outs for ease of view.

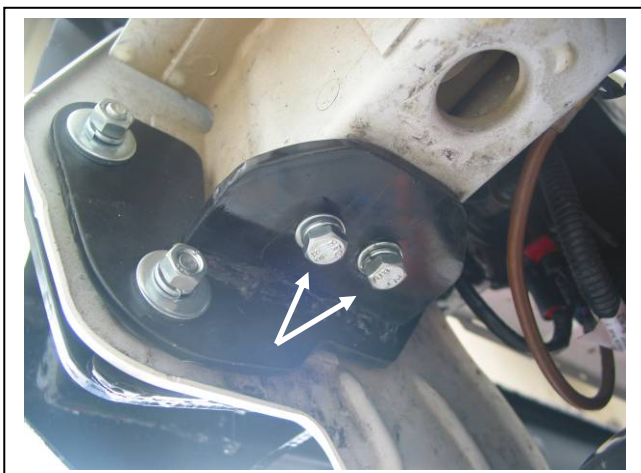


Figure 5: Chassis support attached to front of chassis. Passengers side shown.



Figure 6: Chassis mount attached to vehicle. Passengers side shown.



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Figure 7: Drill lower inner to 10mm

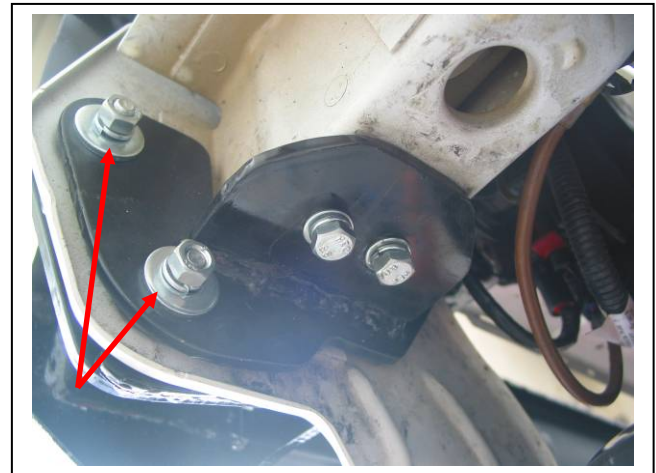


Figure 8: Nuts to rear of chassis mount.



Figure 9: Remove marked section from plastic bumper cover.



Figure 10: Drivers side of sample vehicle.



Figure 11: Side view



Figure 12: 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: ____/____/____

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
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DESPATCH CHECKLIST NBV03SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 1 – Pair Steel Chassis mounting brackets.
- 2 – Pair Steel chassis support brackets.
- 1 – Bolt Kit.

**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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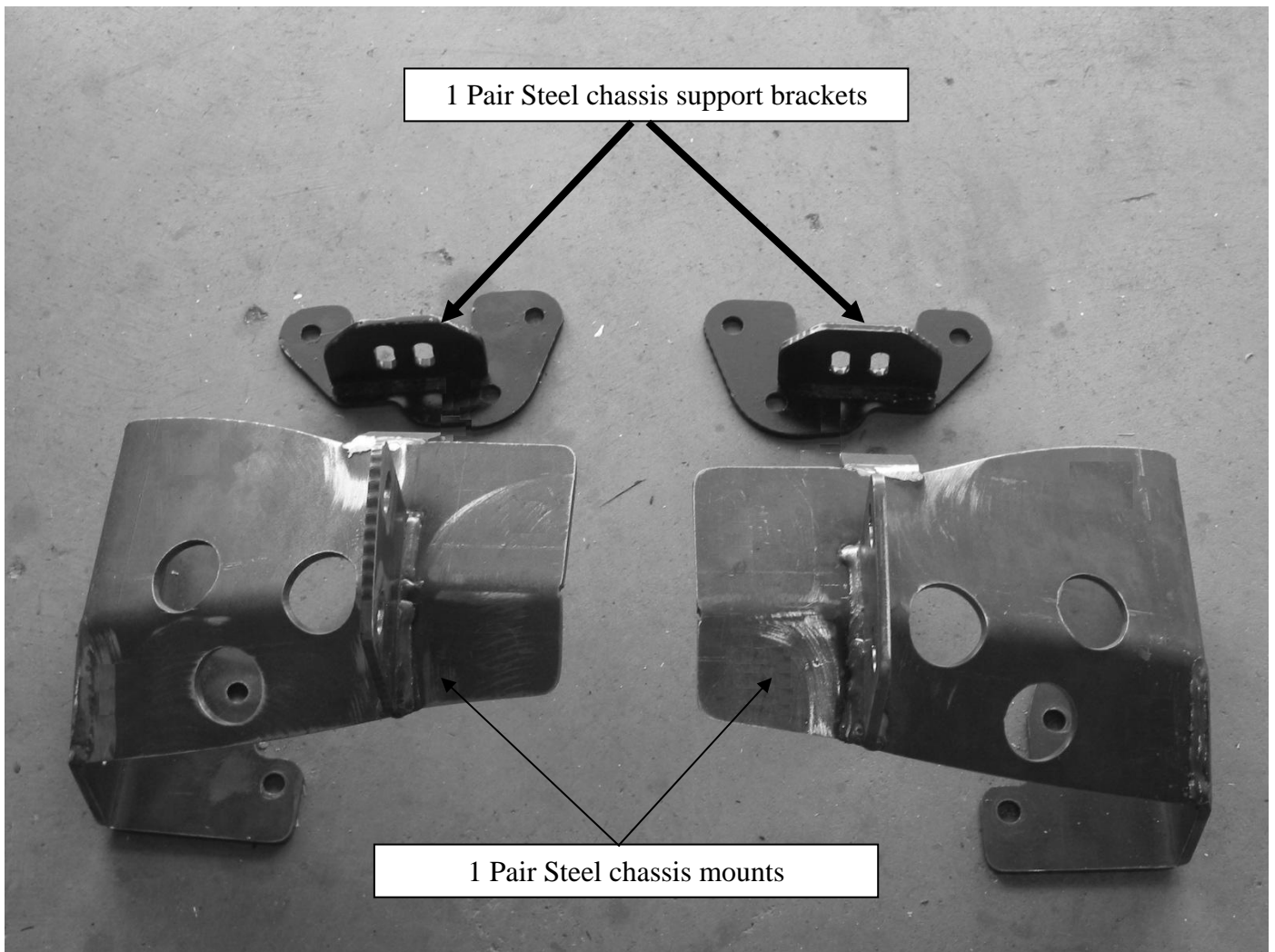
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