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#### 8F84SY / NB6F84SY

#### REPLACES: 18.02.07 REVISED: 16.07.10

#### FITTING INSTRUCTIONS

# FORD TRANSIT 9/06on TYPE 8 and 63mm SERIES 2 NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

- 1. On both the driver's and passenger side, in step area at lower front of bumper cover, using a sharp knife, trim as per **figure 1**.
- 2. On front lower driver's side chassis rail, using a die grinder, open out large hole, see figure 2, to allow two 3/8 x 1 ½ bolts and washers on wire to slide into chassis rail. Blow filings clear and treat all exposed metal with a rust inhibitor.
- 3. Loosely fit driver's side support plate (supplied) with two 3/8 x 1 ½ bolts and washers on wire, flat and spring washers and nuts (supplied). **See figure 3**.
- 4. Place driver's side steel mounting bracket (supplied) through holes in bumper bar and align with holes in chassis rail. Feed one 3/8 x 1 ½ bolt and washer on wire (supplied) into large hole and fit to front hole using flat and spring washers and nuts (supplied). **FINGER TIGHTEN ONLY**. Fit driver's side support plate to driver's side chassis mount with two 3/8 x 1 ½ bolts, flat and spring washers and nuts (supplied). **FINGER TIGHTEN ONLY**. **See figure 3**.
- 5. Fit passenger side steel mount support (supplied) on top of tow hook bracket. Use two 3/8 x 1 ½ bolts, flat washers and nuts with washers on wire (supplied). **FINGER TIGHTEN ONLY. See figure 4.**
- 6. Slide passenger side steel mounting bracket (supplied) through hole in bumper bar and align with holes in chassis rail. Feed one 3/8 x 1 ½ bolt and washer on wire (supplied) into large holes and fit to front hole using flat and spring washers and nuts (supplied). **FINGER TIGHTEN ONLY**. Bolt passenger side support mount to chassis mount with two 3/8 x 1 ½ bolts, flat and spring washers and nuts (supplied) **FINGER TIGHTEN ONLY**. **See figure 4.**
- 7. Measure front of steel mounting bracket to ensure they match the mount on the protection bar. **NOTE:** Outside of steel mounting bracket to inside of mounts on alloy protection bar. **TIGHTEN FRONT BOLT TO CHASSIS RAIL.**
- 8. On drivers side, using steel mounts as a guide, drill the two rear holes through the underside of the chassis rail. Ensure power steering line on driver's side is clear to avoid damage. **Blow filings clear and treat all exposed metal with a rust inhibitor**. Feed two 3/8 x 1 ½ bolts and washers on wire (supplied) into large hole and fit to rear holes using flat and spring washers and nuts (supplied). Repeat on passenger's side.
- 9. **TIGHTEN ALL BOLTS** in the following order. Bolts to underside of chassis rail, bolts from steel support mount to steel mounting bracket and support mounts to vehicle chassis / tow hook.



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- 10. Carefully slide alloy protection bar to outside of steel mounts. Use two 3/8 x 1 ½ bolts, flat and spring washers and nuts (supplied). **FINGER TIGHTEN ONLY**. Warning: Protection bar could hit vehicle care must be taken when fitting.
- 11. Align protection bar with vehicle. **See figures 5 and 7** for front views and **figures 6 and 8** for side views. **TIGHTEN ALL BOLTS.**
- 12. Remove two T40 star head screws from number plate area.
- 13. On large (bumper) end of face support bracket, fit to bumper using two 40mm x 6mm alloy washers (supplied) per side as spacers, two M8 x 55mm bolts, spring and flat washers (supplied). Fit loosely. **See figure 9.**
- 14. Fit to protection bar external holes on spot tabs using 3/8 x 1 ½ bolts, flat and spring washers and nuts.
- 15. **TIGHTEN BOLTS** to bumper bar, then **TIGHTEN** to protection bar.

#### ENSURE NUMBER PLATE IS CLEARLY VISABLE

**Note:** When fitting/refitting the license plate to the vehicle, ensure there is no obstruction to license plate vision in accordance with local authorities. If required relocate license 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

2 – Steel mounting brackets.	24 - 3/8 flat washers.
1 – Pair steel support brackets.	18 - 3/8 spring washers.
1 – Pair steel bumper support brackets.	2 – M8 x 55 bolts.
$10 - 3/8 \times 1\frac{1}{2}$ bolts with flat washer on 200mm wire.	2 – M8 flat washers.
$8 - 3/8 \times 1^{1/2}$ bolts.	2 – M8 spring washers.
16 - 3/8 nuts.	4 – 40mm x 6mm alloy washers with 10mm hole.
2 - 3/8 nuts and washers on 200mm wire.	



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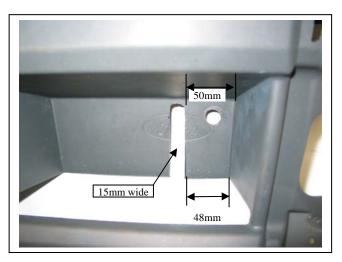


Figure 1 – Passenger side shown

Driver's side support bracket



Figure 3 – Driver's side shown



Figure 5 – Type 8 front view shown



Figure 2 – Driver's side shown

Passenger side steel support bracket



Figure 4 – Passenger side shown



**Figure 6** – 63mm Series 2 Nudge Bar front view shown

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Figure 7 – Type 8 side view shown



**Figure 8** – 63mm Series 2 Nudge Bar side view shown



Figure 9 - Front bumper supports



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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.
<b>Product Description:</b>	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



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# DESPATCH CHECKLIST 8F84SY / NB6F84SY

Work Order #	
Finish:	
Transport:	
Due Date:	
O 2– Steel mounting	
O 1 – Pair steel suppo	
<b>_</b>	per support brackets.
	re to be powder coated – black for
O 1 – Bolt Kit	ur for powder coat order
O I – Bolt Kit	
Is this product If NO fix before	
·	<i>`</i>
Nut and bolts:	Date//
Order control:	Date//
Final wrap check:	Date//



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