



**WORLD'S BEST
ALLOY BULLBARS**

East Coast Bullbars (ECB Pty Ltd)

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MT180SY / NB6T180SY / NBT180SY

REPLACES: 00.00.00

REVISED: 01.09.14

FITTING INSTRUCTIONS

TOYOTA HIACE LWB 3/2014 ON MIDI TUBE, 63MM SERIES 2 NUDGE BAR AND 76MM NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet.
2. Remove two PK self-tapers and four plastic clips at top of grille. Pull grille out at top to access fixed grille clips into top of bumper cover. Release clips and pull grille forward.
3. Remove bumper cover. Remove plastic step in fills, four plastic clips per infill, **see figure 1**. Remove one plastic push pull clip from top of bumper cover, two plastic push pull clips at bottom of side returns (each side), three plastic clips from lower bumper cover, and three 10mm head bolts from centre air intake area of bumper cover. Pull bumper cover out at side returns to release off clips, **see figure 2**. Pull forward off locating tabs (two) near lower inner headlight area and lift away from vehicle. **See figure 3**.
4. Remove lower and upper steel bumper support from chassis. Ten 14mm head bolts, one 10 mm head bolt. **See figure 4**.
5. Remove two 12 mm head bolts (each side) from front of chassis and remove steel keepers, on passenger side remove temperature sensor from keeper. **See figure 5**.
6. Flatten two mounting tabs (each side) at front of chassis. **See figure 6**.
7. Remove horn and flatten side of horn mount. **See figure 7**.
8. Fit steel mounting brackets (supplied) to front of chassis between bumper support (refit to vehicle) and end of rail. Use M10 x 35 bolt, flat washer and spring washer (supplied) into 10mm captive nut. Centralise and level steel mounts to front of vehicle, ensure steel mounting brackets are set at correct measurement for protection bar to mount on inside of steel mounting brackets (check protection bar measurement) Tighten bolts. **See figure 8**.
9. On passenger side steel mount place temp sensor into hole. Using zip tie (supplied) wrap around sensor. **See figure 9. Do not over Tighten as damage to sensor could occur.**
10. Using measurement from alloy protection bar, transfer measurement to inside of front bumper grille, carefully mark and cut grille to fit over steel mount. **See figure 10**.
11. Refit bumper carefully over steel mounts in the reverse steps of 1 to 3.
12. Carefully fit protection bar onto steel mounts using four M10 x 40 bolts, spring washers, flat washers and nuts (supplied). Align protection bar to front of vehicle and tighten all bolts. **See figures 11, 13 and 15 for front view and 12, 14 and 16 for side views**



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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 ECB steel mounts	18 – M10 Flat washers
4 – M10 x 1.25 x 40 bolts	4 – M10 Nuts
10 – M10 x 1.25 x 30 bolts	1 – 150mm zip tie
14 – M10 Spring washers	



Figure 1 – Shown removing passenger side step infill



Figure 2



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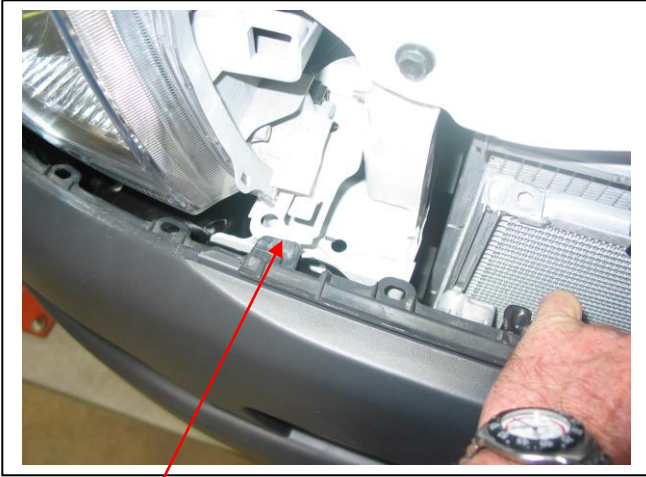
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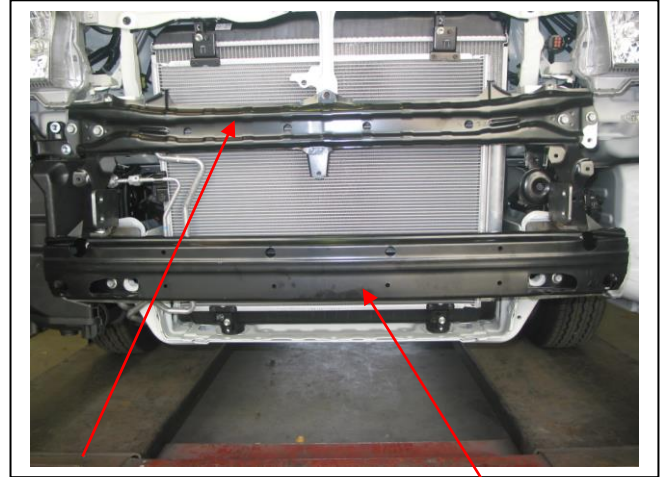
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Locating tabs **Figure 3**



Steel bumper cover support upper **Figure 4** Steel bumper cover support lower

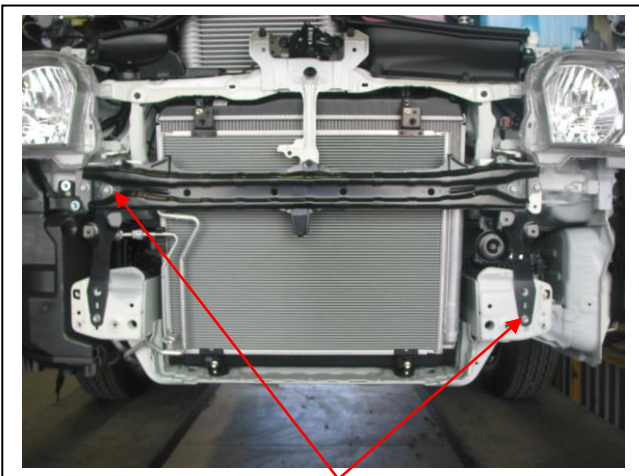


Figure 5

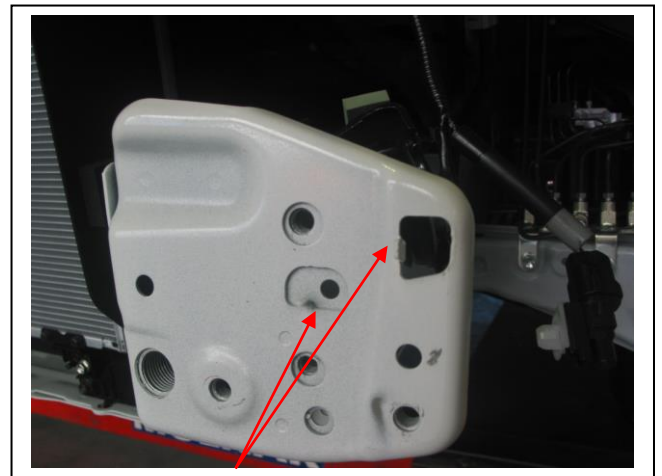


Figure 6 – flatten two tabs per side



Figure 7

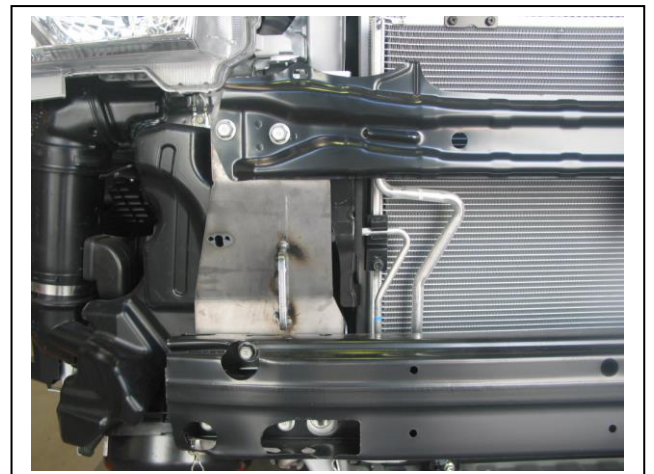


Figure 8



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Figure 9 – Zip tie.



Figure 10



Figure 11 – Nudge bar front view



Figure 12 – Nudge bar side view



Figure 13 – Series 2 front view



Figure 14 – Series 2 side view



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Figure 15 – Midi tube front view



Figure 16 – Midi tube side 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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Fax to
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DESPATCH CHECKLIST NBT180SY, NB6T180SY, MT180SY.

Work Order #		See other side of this page for photos of all mounts
Finish:		
Transport:		
Due Date:		

OC.....1 – Pair Steel mounting brackets.

BK.....1 – Bolt Kit.

_____/_____
Wrapper's initials / Checker initials



Is this product "the best it can be" Yes
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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