



WORLD'S BEST
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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BI42SY

REPLACES: 01.06.17

REVISED: 06.10.17

FITTING INSTRUCTIONS

IVECO DAILY 9-16 ON WINCH COMPATIBLE BIG TUBE PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. From under guard, remove one 10mm head bolt (per side) from above axle and four T30 Torx head screw and nuts from rear and underside of bumper (per side) from front section of inner wheel arch. Remove front section of inner wheel arch only.
2. Unbolt two 15mm head nuts (per side) from rear of bumper sides. **See figure 1.**
3. Disconnect lights. Trace wiring back into vehicle and remove.
4. Support front of bumper and remove four 10mm Allen head bolts and two T45 Torx head bolts. **See figure 2.** Remove bumper.
5. On lower outer side of underbelly guard, loosen front 16mm head bolt and from front of underbelly guard remove six 15mm head bolts. Allow to hang.
6. Remove two rear bumper stays from chassis rail (per side), Eight 15mm head bolts per side, leaving main mount attached. **See figure 3.**
7. On passengers side, remove top front 24mm head bolt from tow hook into chassis rail. On drivers side remove the top front 24mm head bolt on the steering box into the chassis.
8. Install ECB steel winch bracket (supplied) onto front of chassis rails using one 6mm steel washer plate (per side), two M16 x 50 bolts, spring washer and flat washer (per side) (supplied) and one M16 x 60 bolt, spring washer and flat washer (per side) (supplied) in the steering box to the drivers side and the tow hook bolt hole on the passengers side. On the side of the steel winch bracket, install one 3/8 x 6 bolt, flat washers, two spacer washers (per side), spring washer and nut into the lower hole (per side) (supplied). **See figure 4.**
9. From under vehicle, pull the underbelly guard back into place and fit using six M10 x 35 bolts (supplied). Finger tighten only. **See figure 5.**
10. Ensure steel winch bracket is central to body and level and **tighten all bolts**, starting with the two M16 bolts at the ends of the rail. Tighten all bolts on underbelly guard.
11. Fit fairlead roller to front of ECB winch frame using bolts supplied with winch. **Finger tighten only.**
12. Install winch into ECB winch frame using bolts supplied with winch.
13. Install control box mount (supplied) to rear of control box using bolts / nuts supplied with winch. **See figure 6.** **Note:** There are two control box brackets supplied with this bar. One to fit the Warn Winch (and similar) control box and one for the Sherpa winch. Wire winch as per manufacturer's instructions. **Note:** Most control box will sit to the outside of the steel winch bracket and attach to side of light brackets.



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14. Remove two 10mm head bolts from where front guard meets the inner guard. Install the 90 degree 3mm alloy mount and spacer plate (supplied) to the original equipment bolts. **See Figure 7. Tighten all bolts.**
15. Fit engine side cover of inner guard using two M6 bolts, spring washers and flat washers (supplied) on drivers side. **Tighten all bolts.**
16. On passengers side, fit engine side cover using one M8 x 25 bolt, spring washer and flat washer (supplied) on rear. Finger tighten only. Align engine cover to install in same position as drivers side and using front hole as a guide, drill outer panel in inner guard to 6mm. **Blow filings clear and treat all exposed metal with a rust inhibitor.** Install using M6 x 20 bolt, spring washer, flat washer and nut on 100mm wire (supplied). **See figure 8. Tighten all bolts.**
17. Attach lower inner guard plate to 90-degree alloy plate and engine side cover using three M6 x 20 bolts, spring washers and flat washers(supplied) into captive nuts on 90degree alloy plate and three M6 x 20 bolts, flat washers and nyloc nuts (supplied) onto engine cover. **See figure 9. Tighten all bolts.**
18. Trim inner guard to size to fit rear to of lower inner guard and engine cover. Drill holes to match rear of lower inner guard and engine side cover and install using four M6 x 20 bolts, flat washer and nyloc nuts (supplied). **See figure 10.**
19. Carefully remove lights from rear of bumper. Remove plastic clips from bumper that hold lights and fit to same side of ECB protection bar. **NOTE:** Auto adjuster may need to be disconnected from mount at light to remove from bumper. It is a half turn on the light end for this to happen.
20. Install lights into rear of ECB protection Bar on same side of vehicle as was if bumper using ten M5 x 16 PK screws, flat washers and nyloc nuts (supplied). **See figure 11.** This will allow for easier alignment.
21. Attach 6mm clip lock trim (supplied) to top of ECB protection bar. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of protection bar. **See figures 12, 13 and 14.**
22. Attach 6mm clip lock trim (supplied) to winch opening of ECB protection bar. Align join to centre bottom of ECB protection bar.
23. Install ECB protection bar onto vehicle using six M14 x 50 bolts, flat washers, spring washers and nuts (supplied). Align Protection bar to vehicle and **Tighten all bolts. See figures 15 and 16.**
24. Attach winch control box into position per your mounting preference. Three M6 x 20 bolts, flat washers and nyloc nuts have been included to attach supplied control box mounts to side of light mounts. **See figure 17.**
25. Connect and check headlight and indicator wiring. Adjust headlights for correct operation. Fit fog light surrounds to winch access holes, large side to inside.
26. Install inner support mount for protection bar rear cover (supplied) to bumper support mount using one M6 x 20 bolt, flat washers and nyloc nut (per side) (supplied). **See figure 18.**
27. Install rear protection bar cover (supplied) to back of protection bar and inner support mount using four M6 x 20 bolts, flat washers and nyloc nuts (supplied).
28. Using hinge base as a guide, drill three 6mm holes in front face of channel. Assemble hinge front to rear using two M6 x 20 bolts, flat washers and nuts. Install to Protection bar using three M6 x 20 bolts, flat washers and nyloc nuts.



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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:

- Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- Do not remove the plaque or label from the VFPS.
- Do not modify the structure of the VFPS in any way.
- No accessory or fitment should project forward of the VFPS forward profile.
- 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 – ECB steel winch bracket	6 – M10 x 1.5 x 35 bolts
4 – Steel spacer washer (BI41SY_A6MS)	10 – M10 flat washers
2 – Steel chassis spacer (BI41SY_B6MS_)	8 – M10 spring washers
1 – Warn control box mounts	2 – 3/8 x 6 bolts
1 – Sherpa control box mount	2 – 3/8 nuts
1 – pair 90 degree 3mm alloy mounts (BI41SY_D3AL)	1 – M8 x 1.25 x 25 bolt
2 – alloy mount spacers (BI41SY_F3AL)	1 – M8 spring washer
1 – pair engine side covers (BI41SY_B3AL)	1 – M8flat washer
1 – pair inner guard plates (BI41SY_A3AL)	2 – M6 x 30 bolts
1 – Pair bar inner covers	38 – M6 x 20 bolts
1 – Number plate hinge base (Number plate hinge A_A3Al)	80 – M6 flat washers
1 – Number plate hinge front (Number plate hinge C 40_A3AL_)	30 – M6 nyloc nuts
4 – M16 x 2 x 50 bolts	1 – M6 nut on 100mm wire
2 – M16 x 1.5 x 60 bolts	20 – M5 x 16 PK screws
6 – M16 spring washers	40 – M5 flat washers
6 – M16 flat washers	20 – M5 nyloc nuts
6 – M14 x 1.5 x 50 bolts	1 – 2800mm length 6mm clip lock trim
12 – M14 flat washers	1 – 950mm length 6mm clip lock trim
6 – M14 spring washers	6 – fog light surrounds
6 – M14 x 1.5 nuts	



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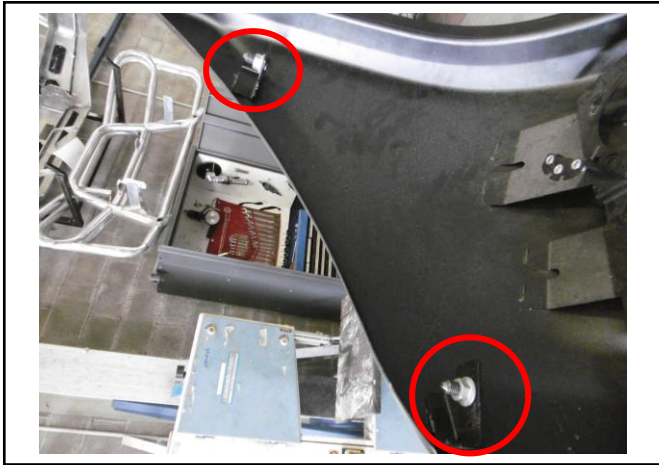


Figure 1



Figure 2



Figure 3

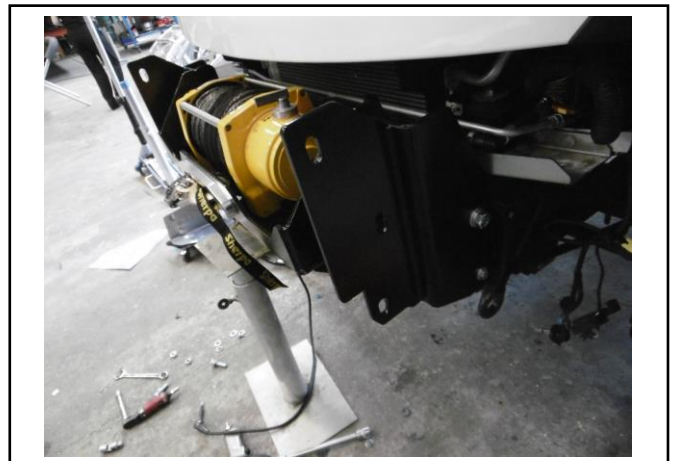


Figure 4 – ECB winch bracket fitted



Figure 5



Figure 6 – Warn control box shown



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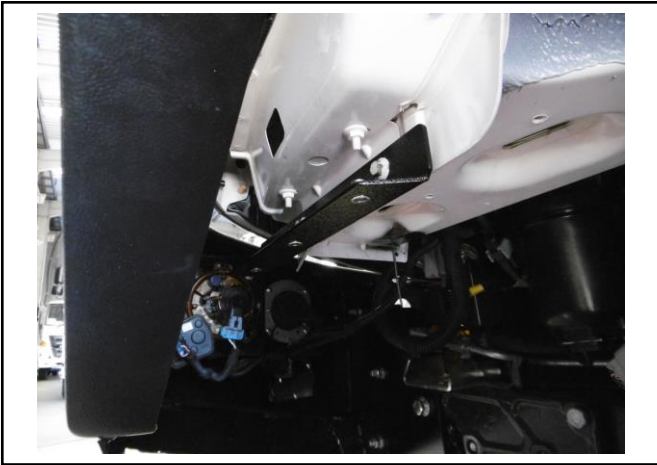


Figure 7

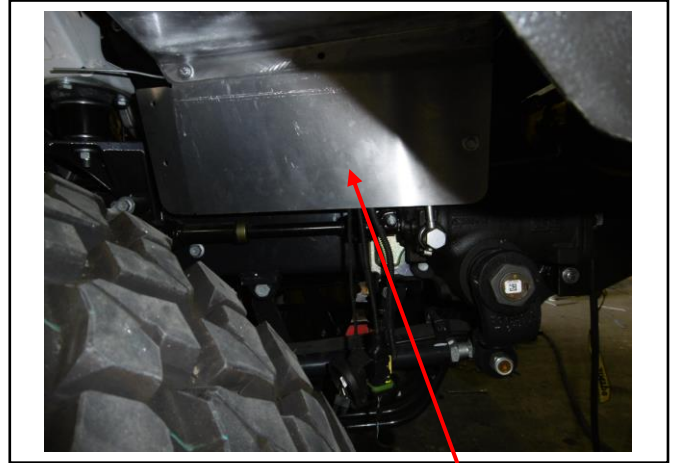


Figure 8



Figure 9

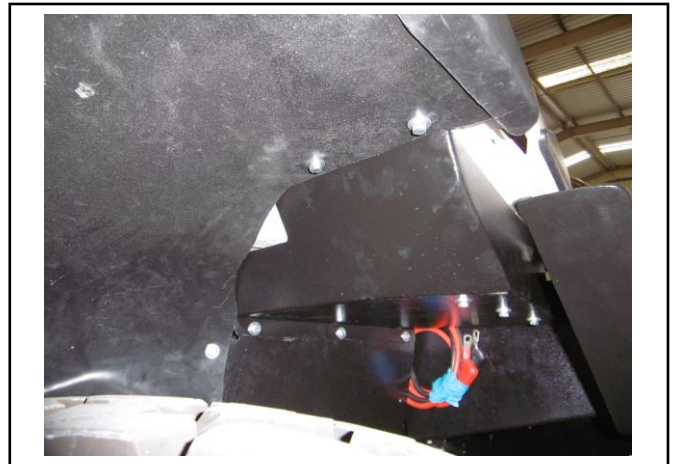


Figure 10

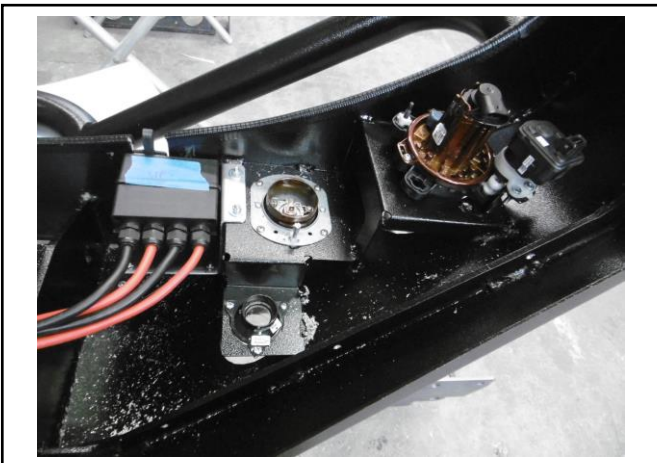


Figure 11

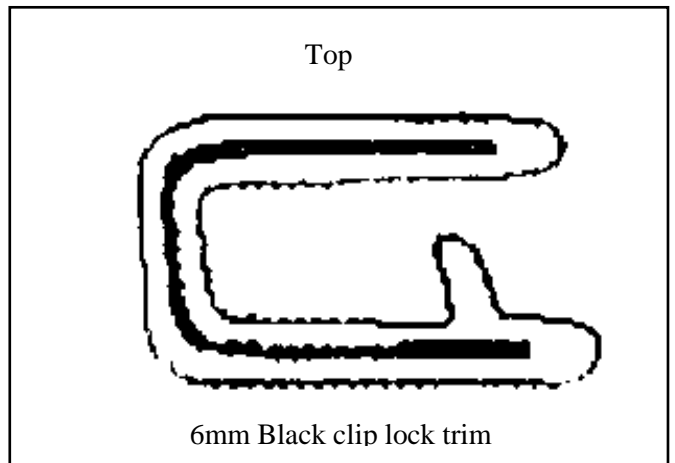


Figure 12



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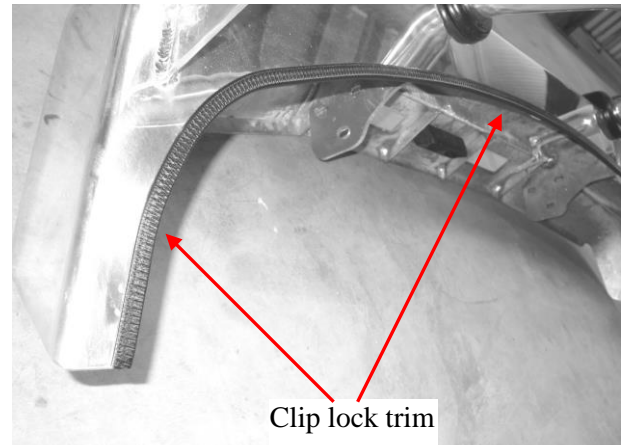
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Trim lower edge on an angle

Figure 13



Clip lock trim

Figure 14



Figure 15



Figure 16

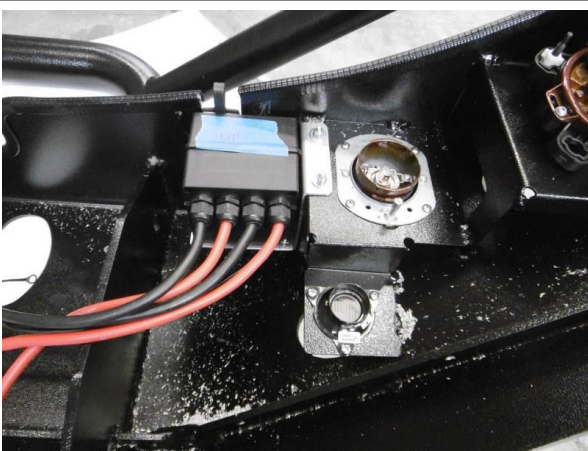


Figure 17

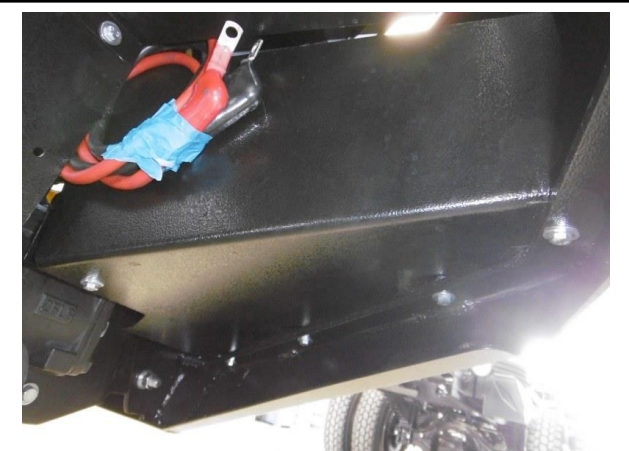


Figure 18



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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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(07) 3283 1168



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DESPATCH CHECKLIST BI42SY

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

OC.....1 – Steel winch bracket.

BK.....1 – Warn winch bracket

BK.....1 – Sherpa winch bracket

OC.....1 – pair 90 degree 3mm alloy mounts **NOTE: Three 6mm nutserts to be used in lower holes per side**

OC.....1 – pair engine side covers

OC.....1 – pair lower inner guards **NOTE: Two 6mm nutserts to be used in rear upper holes per side**

BK.....2 – 3mm alloy mount spacers

OC.....1 – pair bar inner covers

BK.....2 – Steel chassis spacer washer

BK.....1 – number plate hinge base (Number plate hinge A_A3AL)

BK.....1 – number plate hinge front (Number plate hinge C 40_A3AL)

BK.....1 – Bolt Kit.

BK.....1 – 2800mm length 6mm clip lock

BK.....1 – 950mm length 6mm clip lock

OC.....2 – ECB Overrides – **Fitted to Bar**

BK.....6 – fog light surrounds

OC.....4 – 6mm Air Vents



Is this product “the best it can be” Yes
If NO fix before continuing

_____/_____
Wrapper's initials / Checker initials

All parts checked and completed by:

Nut and bolts: _____ Date __/__/__

Order control: _____ Date __/__/__

Final wrap check: _____ Date __/__/__



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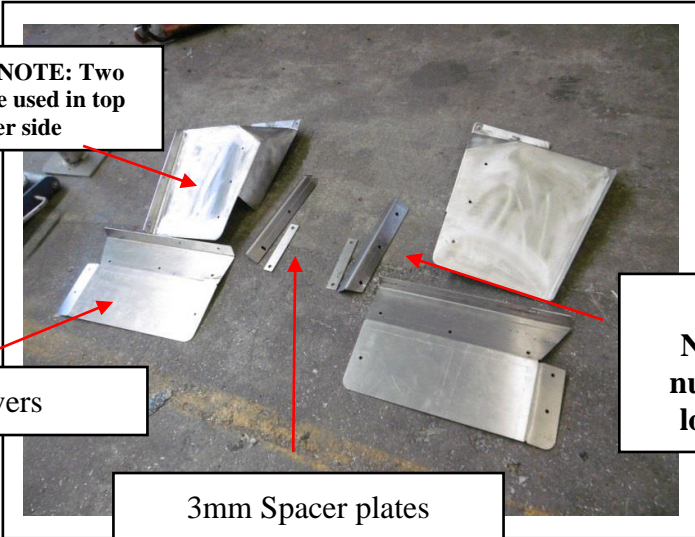
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Lower inner guard **NOTE: Two 6mm nutserts to be used in top rear holes per side**

Engine covers

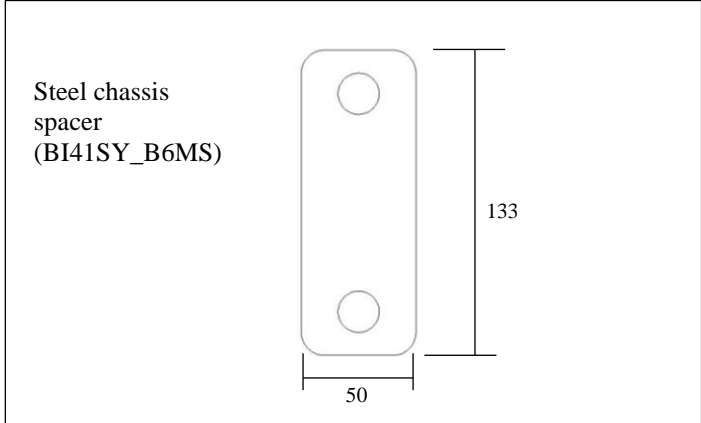


90 degree angles
NOTE: Three 6mm nutserts to be used in lower holes per side

3mm Spacer plates



Bar inner covers. Drivers side shown
1 pair per bar



_____/_____
Wrapper's initials / Checker initials