



PN: BF107SY



Fitting Guide & Owners Manual

Fiat Ducato

05/2023 on

BIG TUBE BAR WITH BUMPER LIGHTS
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES

Index

Pages 3-5

ECB's Benefits
Product Care

Pages 16-17

Warranty Registration

Pages 6-7

Stage 1 - Vehicle Testing and Preparation
Stage 2 - Bonnet Latch Placement
Stage 3 - Headlight Removal
Stage 4 - Grille Removal
Stage 5 - Centre Bumper Removal
Stage 6 - Remove Bumper Support

Pages 8-9

Stage 7 - ECB Mount Fitment
Stage 8 - Side Bumper Section Trim
Stage 9 - Centre Bumper Section Trim
Stage 10 - Refit Bumper
Stage 11 - Clip Lock Trim

Pages 10-11

Stage 12 - Bumper Lights
Stage 13 - Remove sonar
Stage 14 - Sonar fittment
Stage 15 - Bumper Lights
Stage 16 - Protection Bar Install

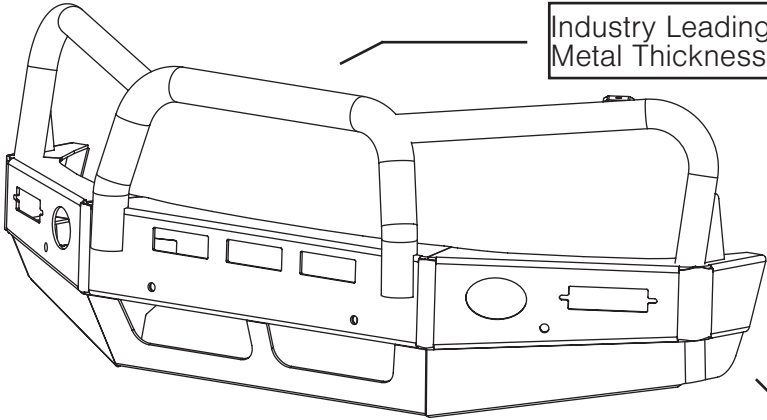
Pages 12-13

Stage 17 - Connect sonar
Stage 18 - Underbelly Guards Refitment
Stage 19 - Tow Point Warning

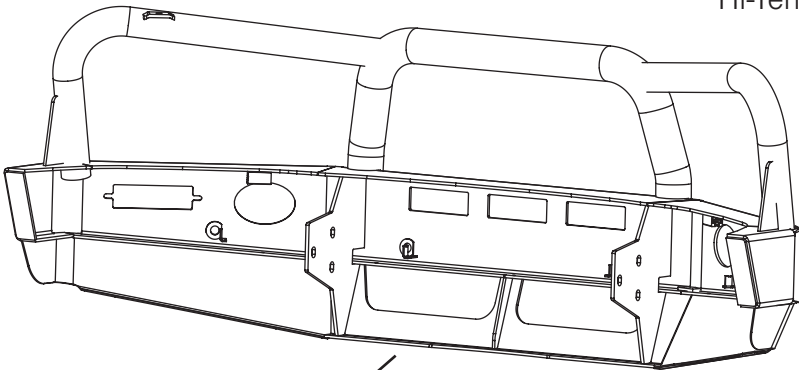
Pages 14-15

Final Checks & Fitting Kit
Finished Product

The Features of ECB



Industry Leading
Metal Thickness



Unmatched
Strength

6mm Thick
Hi-Tensile Alloy

Fully Welded
Construction

ECB's Benefits

Built to Perform - Not to a Price

ECB are proud to claim that their channels are not jigsaw puzzles that are bolted together, or even multiple sections welded together. Where any welding is required, it is done to the highest standards by qualified welders, not machines.

Anti-Corrosive Nature of Alloy

The composition of ECB's alloy has a very high resistance to corrosion. Rust not only looks unappealing but greatly reduces the strength of the metal. Rust can and will weaken the structural integrity of a steel bullbar effectively rendering it useless over time.

Australian Made

Established in 1971, we utilise decades of experience designing, engineering and building products in Australia to suit Australian conditions. We can ensure the best quality controls and help support the local economy and employ over 90 proud Australians.

Weight Saving Benefits

An ECB alloy bullbar is typically half the weight of a steel bullbar. Unnecessary suspension upgrades are not required. The reduced weight also contributes to increased fuel economy and less wear and tear on tyres, suspension and braking components.

Welds That Work

ECB uses only the strongest welds and welding techniques to ensure every product is as structurally sound as possible. MIG (Metal Inert Gas) welding techniques are employed ensuring the welds are as thick as the thickest section of alloy's being joined together.

Lifetime Warranty

ECB provide a lifetime warranty and consumer guarantee on all of our manufactured products. This guarantee highlights the confidence in our ability and provides complete peace of mind for your purchase for the lifetime you own your vehicle.

Product Care

Polished Products

Being a premium mirror polished finish, regular maintenance will be required to keep that iconic ECB shine. We recommend using our own brand of Aluminium Polish. This formula has been tried and tested and in our opinion is the world's best standard.

Directions: Apply a small quantity of Aluminium Polish to a clean soft cloth and rub the metal surface. The longer the rubbing the brighter the surface becomes. Wipe off Aluminium Polish with clean soft cloth. Also suitable for motorised buffing machines.

Note: There are more specific details on the polish bottle. Please read before use.

Powdercoated Products

Our powdercoated finishes are very low maintenance. Infact there is actually very little you will ever need to do for this product. Just clean it as you would your car and it will stay looking good as new.

ECB Aluminium Polish

When you're looking for that showroom finish look for your polished automotive products, you can depend on the no compromise quality of East Coast Bullbars Aluminium Polish. This specifically designed product is the best polish available and we guarantee that this \$#!+ works. Within our decades of manufacturing polished alloy products we have trialed a large range of different polishes on the market and believe without a doubt that nothing beats the finish quality of East Coast Bullbars Aluminium Polish.

East Coast Bullbars Aluminium Polish is excellent for use by hand and is ideal for polished bullbars, nudge bar and stainless steel products. This polish will clean, polish and protect your product from the elements whilst bringing your products back to that showroom finish look.



BFI07SY

Stage 1

- Test drive vehicle to ensure all driver assists are correctly working and to gauge effectiveness. Park on a flat level surface.
- Apply parking brake and lift bonnet.
- Unwrap ECB Protection bar and disconnect mounts. Discard bolts.
- Ensure these instructions are left with the vehicle owner and/or operator.



Stage 2

- Lift bonnet.
- Bonnet latch handle is situated on passengers side at end of dash in door opening.

Stage 3

- Remove two (2) T30 Torx head bolts from top of headlights.
- Disconnect headlight wiring.
- Slide headlight to inside of vehicle to remove.



FIAT DUCATO-2024

Stage 4

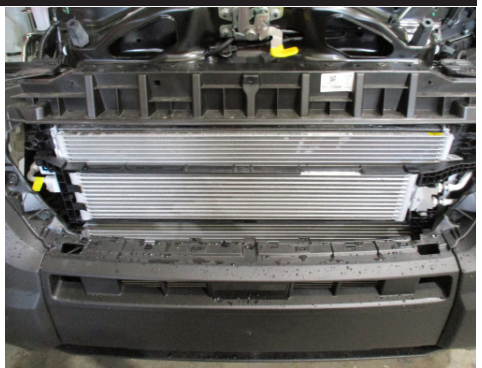
- Remove eight (8) T30 Torx head screws from top of grille and two (2) plastic T30 torx head screws from lower grille.
- Gently lift grille to remove taking care to lift vertically from plastic retaining clips.

CAUTION: Forward sliding of grille, will break clips.



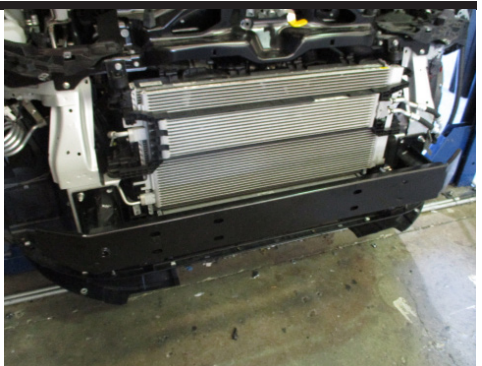
Stage 5

- Behind grille remove twelve (12) T30 Torx bolts. Remove four (4) T30 Torx head bolts from under front of bumper and two (2) T30 torx head bolts from lower garnish.
- Disconnect sonar and harness from bumper.
- Remove centre plastic section of bumper.
- Remove front underside bolts from bumper side sections.



Stage 6

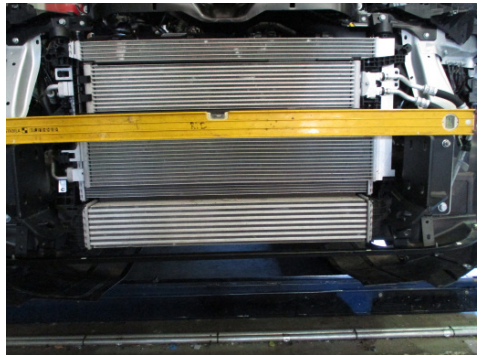
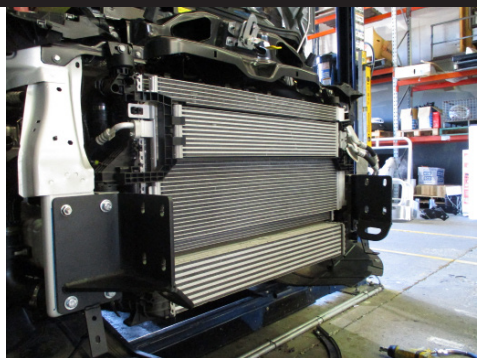
- Remove bumper support. Two (2) 13mm head bolts from underside front of plastic bumper sections, three (3) 15mm head bolts (per side) on front of chassis rail and one (1) 15mm head nut at top outer corner of front of chassis rail. Twist bumper support forward and down to remove.
- Retain 13mm head bolts and 15mm head nut for re-fitment.



BFI07SY

Stage 7

- Fit ECB steel mounting brackets (supplied) to vehicle with lower tab to underside of original equipment lower bumper support and tow hooks to inside of vehicle.
- Attach using original 15mm head nut, three (3) M10 x 1.25 x 35mm bolts, spring washers and flat washers (per side) (supplied) and original 13mm head bolt for lower support mount.
- Align steel mounting brackets using outside measurement of alloy mounts on ECB protection bar to inner measurement of ECB steel mounting brackets as a guide.
- Centralise steel mounting brackets to vehicle and **TIGHTEN ALL BOLTS.**



Stage 8

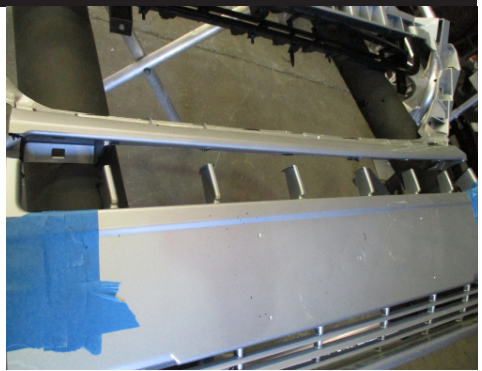
- Mask edges of outer bumper sections. Mark bumper on inside using mount as a guide.
- Trim inside edge of outer bumper sections using a jigsaw or similar, to allow access for protection bar mounting brackets to protrude through to meet steel mount.



FIAT DUCATO-2023

Stage 9

- Using a Jigsaw or similar and a sharp knife, remove lower section of plastic bumper centre across top of lower grille retaining lower mounting holes. Retain centre grille bolt area for re-fitment.



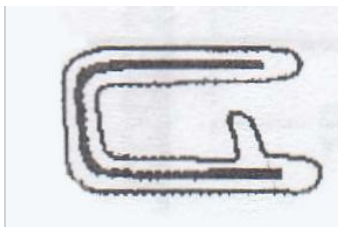
Stage 10

- Disconnect fog light and install wiring extension harness. Ensure red and black wires match positive and negative on vehicle. Red is positive.
- Refit plastic bumper centre to vehicle using original T30 Torx head screws.
- Drill hole in side of bumper large enough to feed through the connector for the fog light



Stage 11

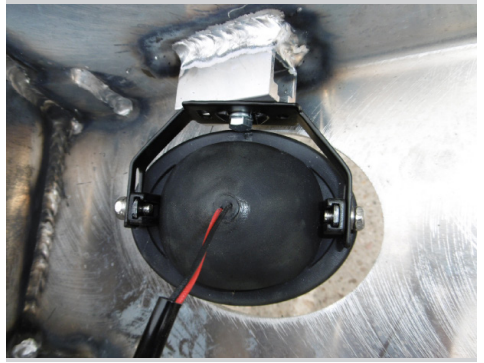
- Attach 6mm clip lock trim (supplied) to top of ECB protection bar. NOTE: Trim off lower edge on an angle so trim will sit flush with end of protection bar.



BFI07SY

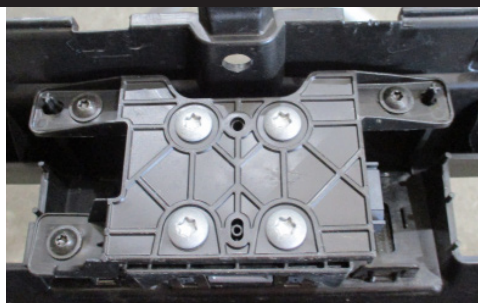
Stage 12

- Attach ECB bumper lights to protection bar. Place M6 x 20 bolts, spring washers (supplied) through light mount from inside and attach nut to top. Slide assembly into light mount in Protection bar and centralize light to hole. TIGHTEN FIRM ONLY.
- Install bumper light surrounds (supplied) to bumper light openings and oval holes in lower skirt. Large side of surround to inside of opening.



Stage 13

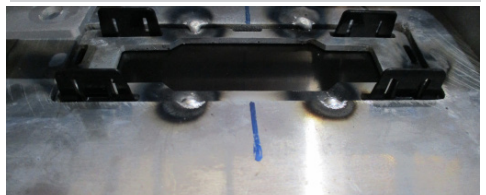
- Remove sonar from bumper three(3) T20 torx screws.



- Remove plastic cover, squeeze clips in and remove.

Stage 14

- Fit sonar into protection bar, M6 x 20mm bolt, flat washers and nyloc nuts.
- Fit plastic protection cover over sonar, from front of protection bar, do this gently to avoid breaking retaining clips.



BF107SY

Stage 16

- Fit protection bar to steel mounting brackets using eight (8) M12 x 40 bolts, flat washers, spring washers and nuts (supplied).
- Align protection bar with vehicle allowing 10mm between bumper sides at front and protection bar.

TIGHTEN ALL BOLTS.



Stage 17

- Reconnect sonar, zip tie harness to body avoiding sharp objects.
- Refit grille and headlights to vehicle using original equipment.



Stage 18

- Refit under bodyguard to vehicle using original PK screws.
- Do not over tighten as this will strip retaining lugs in support.
- Connect and test fog lights for correct operation.



Stage 19

Ensure vehicle owner / operator is aware of the below

Towing points are provided on steel mounts. These are designed to be paired and used together for straight line towing. Failure to use both tow hooks when towing may result in damage to both vehicle and ECB Protection Bar.

Always take care when towing and observe safety requirements of equipment being used.

Final Checks & Installation Kit

Ensure Number Plate is Clearly Visible

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

1. Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
2. Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
3. Do not remove the plaque or label from the VFPS.
4. Do not modify the structure of the VFPS in any way.
5. No accessory or fitment should project forward of the VFPS forward profile.
6. **Ensure these instructions are left with the vehicle owner and/or operator.**

Important Information

Periodically check bolts and nuts for correct tightness, especially if traveling on rough roads.

Installation Kit

1 – Pair Steel mounting brackets	2 - M6 spring washers
8 – M12 x 1.75 x 40mm bolts	6 - M6 flat washers
16 – M12 flat washers	3 - M6 Nyloc nuts
8 – M12 spring washers	2 - M6 nuts
8 – M12 x 1.75 nuts	1 - Bumper light kit
6 – M10 x 1.25 x 35mm bolts	4 - Bumper light surrounds
6 – M10 flat washers	1 - Bumper light wiring harness (IC10D40S1004ECBH)
6 – M10 spring washers	1 – 2400mm length 6mm clip lock trim
5 - M6 x 20mm bolts	

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **BFI07SY**

Email: _____

Phone: _____

Work Order Number: _____

You can find this on the silver label
of your ECB product.

By submitting this registration you automatically subscribe to ECB's mail outs.
You can unsubscribe at any time.

Register Online

For online registration please go online to www.ecb.com.au/warranty-registration
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.

Or Post To:

PO Box 122, Margate, QLD 4019



PN: BFI07SY

**Please post to: PO Box 122,
Margate QLD 4019**

REPLACES: 00.00.00

REVISED: 13.10.21

Endnotes:

20.05.21 - Kevin - Checked and Formated

21.05.21 - Steve Davies - Checked

27.05.21 - Annabelle Casinillo - Checked

28.05.21 - Kevin Aland - Updated and completed

13.10.22 - Kevin Aland - hole to be drilled added for fog light wiring. Fog light harness added

10.02.24 - revised for new sonar mount in bullbar - Steve Scott

15.02.24 - checked and formated - Kevin Aland

