



**WORLD'S BEST  
ALLOY BULLBARS**

**East Coast Bullbars (ECB Pty Ltd)**

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

**BM41SY**

REPLACES: 05.03.09  
REVISED: 11.07.10

## **FITTING INSTRUCTIONS**

### **MITSUBISHI ML TRITON 07/06-08/09 GLX BIG TUBE™ PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES**

Check installation hardware before commencing.

1. Remove under body skid tray; remove five 12mm head bolts. **See figure 1.**
2. Using a die grinder or similar, trim grille to allow fitment of L-shaped steel bracket. **Refer to figure 2 for detailed measurements.**
3. Using a 10mm drill, drill out existing hole on underside of chassis on both the passenger and driver's side. **See figure 3.** Treat all exposed metal with a rust inhibitor or similar.
4. Attach steel mounting bracket (supplied) to driver's side using M10 x 1.25 x 30mm bolt with flat and spring washers (supplied) for rear hole and M10 x 1.25 x 35mm bolt with flat and spring washers (supplied) for front hole. **FINGER TIGHTEN ONLY.** Feed 3/8 x 1 1/2 bolt on 200mm wire with flat and spring washers (supplied) through the hole on the side of the chassis, attach with 3/8 nut, flat washer and spring washer (supplied). **See figure 4.**
5. Attach steel mounting bracket (supplied) to passenger side using 3/8 x 1 1/2 bolt and nut with flat and spring washers (supplied) for rear hole. Use M10 x 1.25 x 35mm with flat and spring washers (supplied) on front hole. **FINGER TIGHTEN ONLY.** Feed 3/8 x 1 1/2 bolt on 200mm wire with flat and spring washers (supplied) through the hole on the side of the chassis, attach with 3/8 nut, flat washer and spring washer (supplied). **See figure 5.**
6. Remove M10 x 35 bolt from front of steel mounting bracket. Feed L-shaped steel bracket (supplied) through grille and attach to existing steel mounting bracket using M10 x 35 bolt, spring and flat washers for lower rear hole, and 3/8 x 1 1/2 bolt, nut, flat and spring washers (supplied), for upper rear hole on both passenger side and driver's side.
7. **TIGHTEN ALL BOLTS** both sides attaching steel mounting brackets in the following sequence.
  - a) Under chassis
  - b) Rear of steel mounting brackets
  - c) Front of steel mounting brackets and L-shaped bracket
  - d) Upper L-shaped bracket.**NOTE:** When tightening bolts to L-shaped bracket, ensure front slot lines up with steel mounting bracket slot, to allow a 1/2" bolt to pass through. **See figure 6**
8. Refit under body skid tray using original bolts.
9. Fit 1930mm length of 6mm clip lock trim (supplied) to back of protection bar. **NOTE:** Ends of clip lock trim should be trimmed level with end of bar and centre of trim goes to a point to match contour of vehicle. **See figure 7.**
10. Fit two 620mm lengths of 6mm clip lock trim (supplied) to upper air vents in protection bar. **NOTE:** Ensure start and finish of trim joins at top centre. **See figure 8.**



**WORLD'S BEST  
ALLOY BULLBARS**

**East Coast Bullbars (ECB Pty Ltd)**

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

11. Fit two 440mm lengths of 3mm clip lock trim (supplied) lower air vents in protection bar. **NOTE:** Trim outside edge of clip lock on an angle to follow bottom edge of protection bar. **See figure 8**
12. Fit ECB LED indicator / park lights into protection bar as per instructions supplied with the LED indicator kit. **NOTE: Ensure park light is to outside. See figure 9.**
13. Open bonnet feed indicator / park light wiring through grille and through 40mm hole in inner support panel. Splice indicator / park light wiring into original indicator park light wiring using cable locks (supplied).
14. Attach protection bar to vehicle with steel mounting brackets going to the outside of alloy mounts in protection bar. Use two ½ x 1 ½ and one ½ x 1 ¾ (per side)(supplied) where L-shaped brackets meets steel mounting brackets. All bolts attach with two flat washers, one spring washer and one nut per bolt. **FINGER TIGHTEN ONLY.**
15. Connect wiring for indicator / park lights. Test for correct operation.
16. Align protection bar using a level on the front. **See figure 10** for front view and **figure 11** for side view. **TIGHTEN ALL BOLTS.**

**ENSURE THESE INSTRUCTIONS ARE LEFT WITH VEHICLE OWNER AND/OR OPERATOR**

**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. Ensure number plate does not restrict air flow through vents in front of protection bar.

**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.	4 – ½ x 1 ½ bolts and nuts.
2 – L-shaped steel mounting brackets.	2 – ½ x 1 ¾ bolts and nuts.
1 – M10 x 1.25 x 30mm bolt.	12 – ½ flat washers.
2 – M10 x 1.25 x 35mm bolt.	6 – ½ spring washers.
2 – 3/8 x 1 ½ bolts.	2 – 620mm lengths 6mm clip lock trim.
2 – 3/8 x 1 ½ bolts on 200mm wire.	1 – 1930mm length 6mm clip lock trim.
5 – 3/8 nuts.	2 – 440mm lengths 3mm clip lock trim.
11 – 3/8 flat washers	1 – ECB LED Indicator / Park light kit
8 – 3/8 spring washers.	6 – Cable locks



East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

WORLD'S BEST  
ALLOY BULLBARS

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

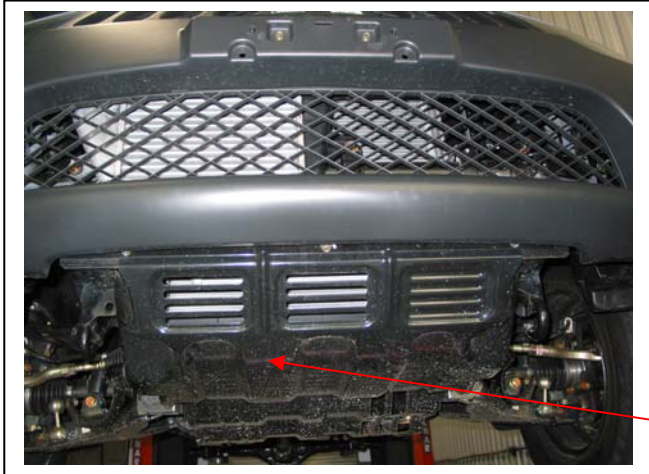


Figure 1

Under body skid tray

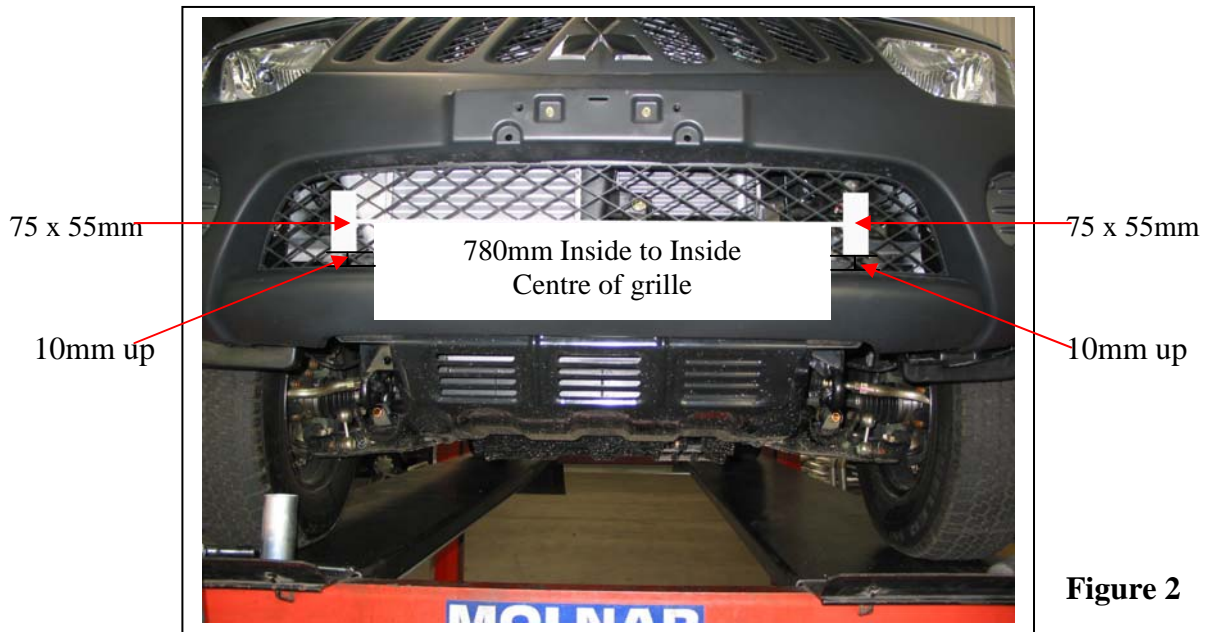
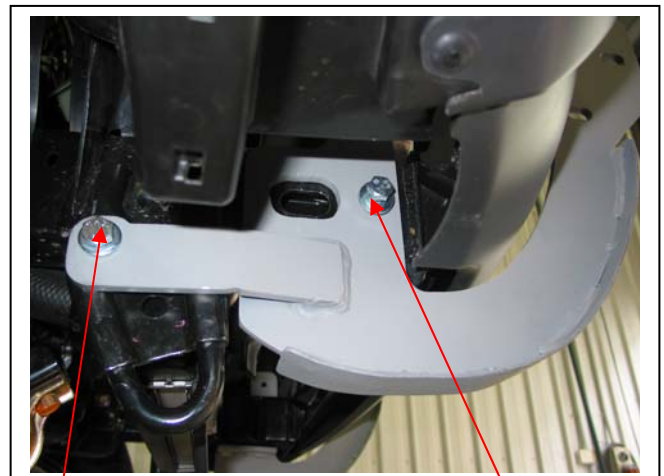


Figure 2



Figure 3 – Drivers side shown



M10 x 30

Figure 4

M10 x 35



East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

WORLD'S BEST  
ALLOY BULLBARS

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

M10 x 35

3/8 bolt nut and washer

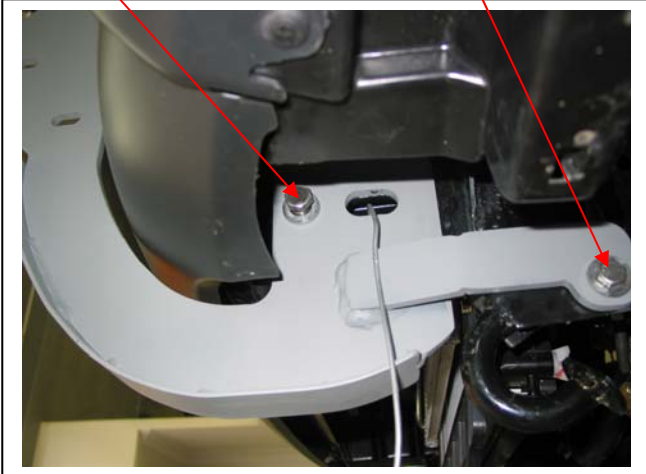


Figure 5 – Passenger side shown

Ensure slot lines up



Figure 6 – Drivers side shown

Trim end to suit



Figure 7

Join trim top centre



Black clip lock trim

Figure 8

Stainless steel self-tappers

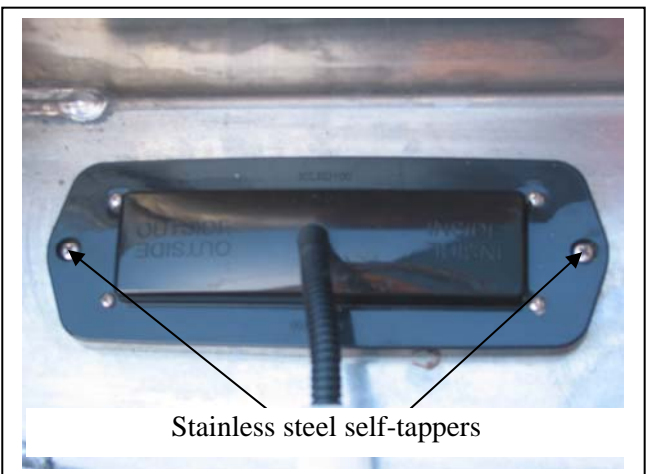


Figure 9



Figure 10 – Front view shown





**WORLD'S BEST  
ALLOY BULLBARS**

**East Coast Bullbars (ECB Pty Ltd)**

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia



**Figure 11** – Side view shown



**WORLD'S BEST  
ALLOY BULLBARS**

**East Coast Bullbars (ECB Pty Ltd)**

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

**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.

<b>Your Name:</b>	<b>Your contact No.</b>
<b>Product Part No.</b>	<b>Product Invoice No.</b>
<b>Product Description:</b>	<b>Make, model, and year of vehicle:</b>
<b>Product Work Order No.</b>	<b>Company your from/Company product purchased from:</b>

**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  
Margate QLD 4019

**Fax to**  
(07) 3283 1168



WORLD'S BEST ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

# DESPATCH CHECKLIST BM41SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 2 – Steel mounting brackets.
- 2 – L-shaped steel mounting brackets.
- 1 – Bolt Kit.
- 1 – LED ECB indicator / park light kit
- 2 – 620mm lengths 6mm clip lock trim.
- 1 – 1930mm length 6mm clip lock trim.
- 2 – 440mm lengths 3mm clip lock trim.
- 2 – ECB Overrides – **Fitted to Bar**

**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 \_\_/\_\_/\_\_



**WORLD'S BEST  
ALLOY BULLBARS**

**East Coast Bullbars (ECB Pty Ltd)**

Tel: 07 3897 5700

Fax: 07 3283 1168

ecb@ecb.com.au www.ecb.com.au

29 Snook St  
Clontarf QLD 4019  
Australia

Po Box 122  
Margate QLD 4019  
Australia

