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WORLD'S BEST ALLOY BULLBARS

BMB59SY

REPLACES: 0.00.000
REVISED: 19.01.15

FITTING INSTRUCTIONS

MERCEDES BENZ SPRINTER 10/13on BIG TUBE™ BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) BAR FOR AIR BAG AND ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Lift bonnet

2. Remove two T25 Torx head screws and four push-pull clips from top of grille. Remove grille by pushing down on four lower clips and gently pull grille forward.

3. Removing four push-pull clips from inner guard, one push-pull clip from bumper to guard. Gently pull side of bumper sideways to release from guard clips. Disconnect fog light wiring and temperature sensor. From front of bumper under grille near headlight remove two T25 Torx head screws. From centre of bumper in step and number plate area, remove two T45 Torx head screws; remove two 13 mm head bolts. Carefully remove bumper from vehicle.

4. Measure template before cutting to ensure correct. Cut out template supplied and join. Mask end of bumper where marking and cutting will occur. Using template supplied carefully mark out and cut bumper to match photos. Double check all measurements before cutting. **See Figure 1. CAUTION:** Measure template as some photocopiers may vary.

5. Remove bumper locater from side of guard, four T20 Torx head screws, one T25 Torx head screw and one T25 Torx head screw. Trim front off locater with sharp knife or similar tool. **See Figure 2 and 3.** Refit to vehicle using front T20 and T25 Torx screws.

6. Refit bumper cover using two T25 Torx screws near headlights. Install 3mm clip lock trim to cut edge of plastic bumper.

7. Refit grille using original screws and push pull clips.

8. Remove four 13 mm head bolts from underside of bumper reinforcement. Install steel mount to front of chassis rail using three M8 x 35 bolts, flat washers and spring washers. On underside of chassis rail rear hole install M12 x 50 bolt, flat washer and spring washer. Using steel mount as a guide, drill front hole to 10 mm. install M10 x 40 bolt and washer on wire, flat washer, spring washer and nut. To front hole, **see Figure 4.** **NOTE: Blow all filings clear and treat all exposed metal with a rust inhibitor.**

9. Align mounts centrally on vehicle using outside outside measurement on alloy mounts on ECB frontal protection bar as a guide. Ensure mounts are parallel to chassis rail.

10. Remove air vents from protection bar

11. Splice ECB indicator/ park wiring into original wiring loom behind headlamps using six wire crimps supplied, per /side.

12. Fit ECB indicator / park lights into protection bar as per instructions supplied with the LED indicator kit. **NOTE: Ensure park light is to outside. See figure 5.**

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13. Fit 6mm clip lock trim to rear of protection bar. **NOTE:** Trim off lower edge on an angle so trim will sit flush with end of protection bar. **See figures 6, 7 and 8.**

14. For vehicles with large vacuum canister: Remove from chassis rail, two 10mm head nuts. Fit canister to top of ECB steel mounting bracket (supplied), using two M6 x 25 bolts, flat washers and nyloc nuts (supplied). Carefully push canister up into opening behind headlight and secure back to chassis rail using two M6 nyloc nuts and washers. Ensure canister and associated piping does not rub on surrounding parts. **See figure 9. Note: C**anister can be on either side of vehicle. Use long bracket (6mm thick) for right hand side and shorter bracket 4mm thick) for left hand side of vehicle.

15. Install protection bar to inside of steel mount using six M12 x 40 bolts, flat washers, spring washers and nuts (supplied).

16. Install protection bar side mount into hole in guard hanger and protection bar rear wing using M8 x 25 bolt, spring washer and flat washer (supplied) into guard and M10 x 40 bolts , flat washers , spring washer and nuts (supplied) into rear wing .**See Figure 10.**

17. Align protection bar to vehicle and tighten all bolts. **See Figure 11 and 12.**

18. Install side underbelly guards to vehicle using four M6 x 30 bolts, flat washers and nyloc nuts .per / side. Front of underbelly guard sits on top of ECB protection bar skirt flange. **See Figure 13.**

19. Install centre underbelly guard with rear flange to under side using three M6 x30 bolts, flat washers and nyloc nuts in front holes and use same bolt as front and side guard for rear hole. **See Figure 14.**

20. Trim guard liners to suit rear of channel and underbelly guards. Install using four 12-14 gauge self-tapping screws into rear of underbelly guard. **See Figure 15.**

21. Refit vents to protection bar.

22. Check all lights for correct operation.

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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

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FITTING KIT

1 – Pair Steel mounting brackets.	4 – M10 nuts
1 – RH side Steel canister bracket (BMB60SY_C6MS)	2 – M8 x 25 bolts
1 – LH side Steel canister bracket (BMB60SY_C4MS)	6 – M8 x 35 bolts
2 – Alloy guard support mounts.	8 – M8 flat washers
1 – Centre under body guard	8 – M8 spring washers
1 – Pair side under body guards	13 – M6 x 30 bolts
8 – M12 x 1.5 x 50 bolts	28 – M6 flat washers
14 – M12 flat washers	2 – M6 spring washers
8 – M12 spring washers	15 – M6 Nyloc nuts
6 – M12 nuts	4 – 12-14 gauge self tapping screws
2 – M10 x 1.25 x 40 bolts and washers on 300 mm wire	1 – ECB LED Indicator / Park light kit.
2 – M10 x 1.25 x 40 bolts	6 – Cable locks
6 – M10 flat washers	1 – 2950 mm length 6mm clip lock trim
4 – M10 spring washers	2 – 550mm length 3mm clip lock trim

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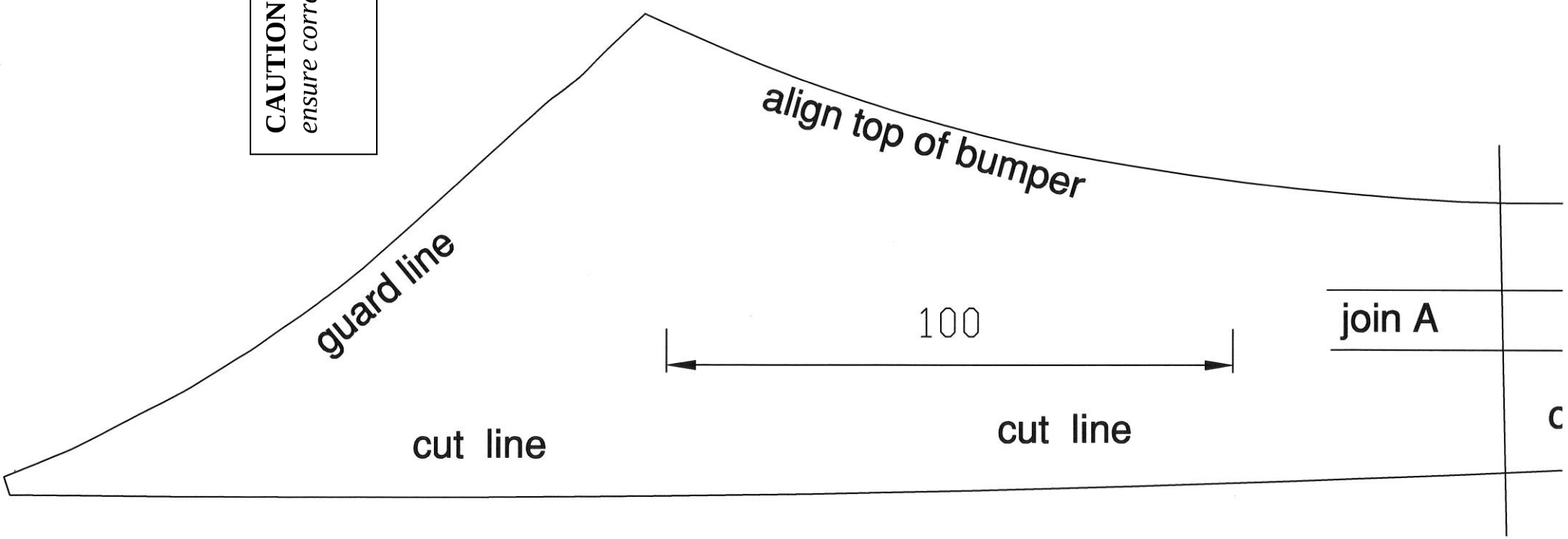
CAUTION: *Measure template to ensure correct size, some printers may vary.*



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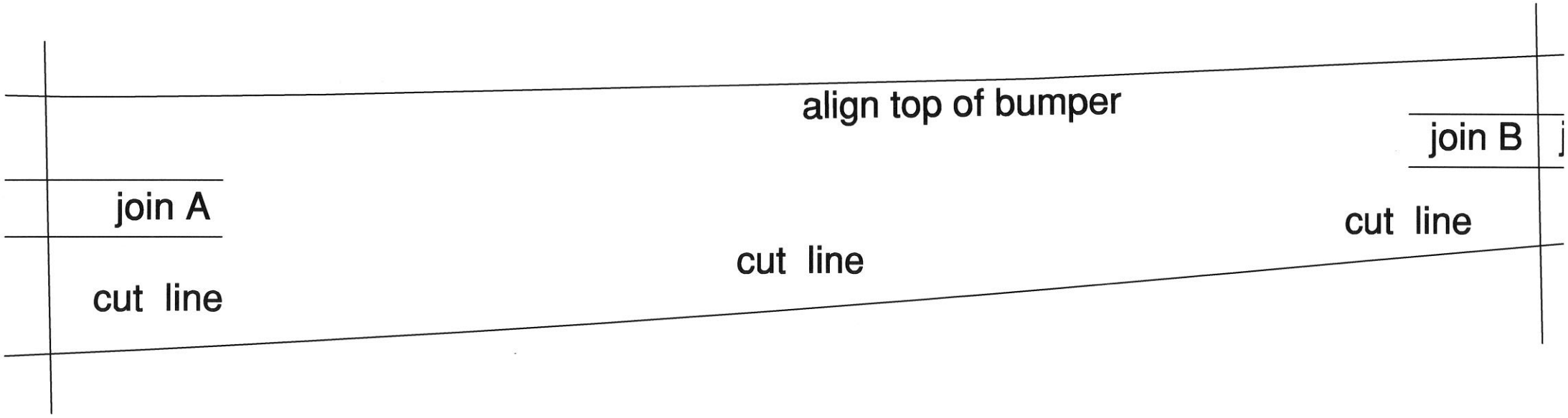
align top of bumper
join B
join A
cut line
cut line
cut line

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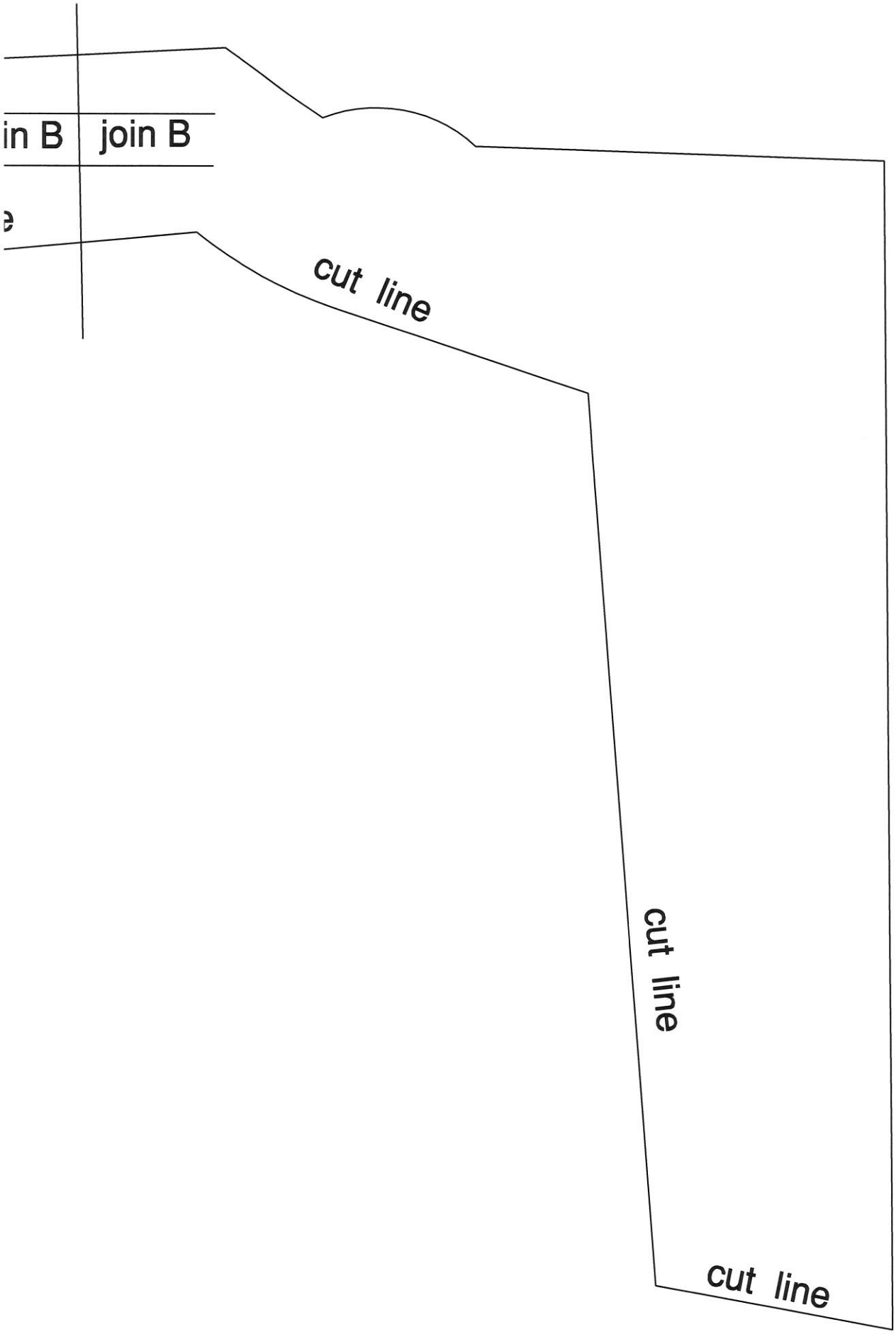
in B
join B
cut line
cut line
cut line

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Figure 1: Drivers side template

Figure 2: Trim locater to suit bumper cut

Figure 3: Trimmed locater after cut

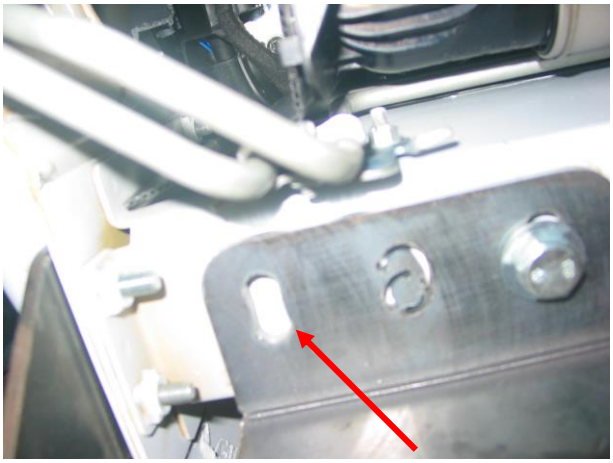

Figure 4: Drill 10 mm hole in centre of front slot.

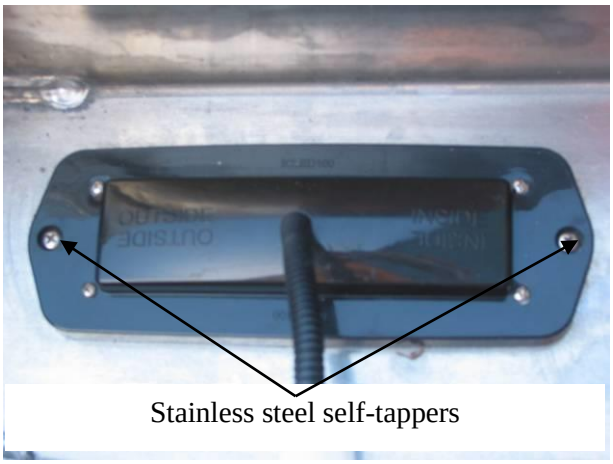

Figure 5

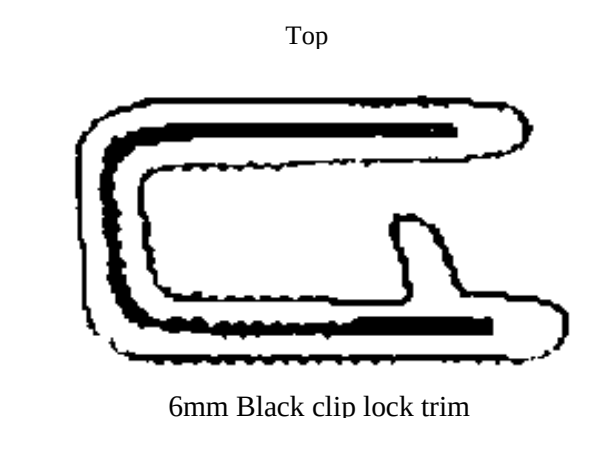

Figure 6

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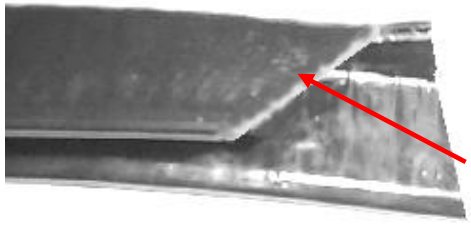

Figure 7.

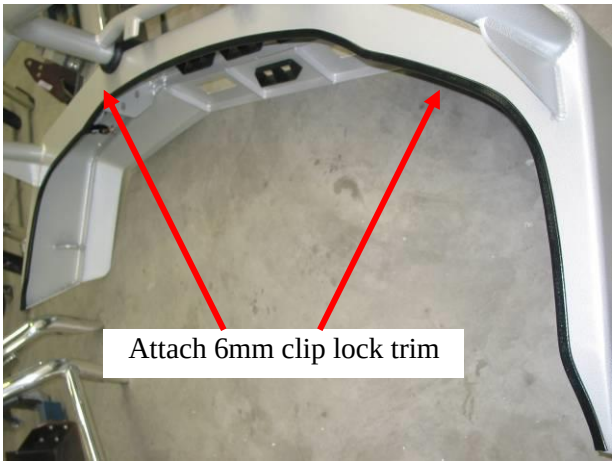

Figure 8.

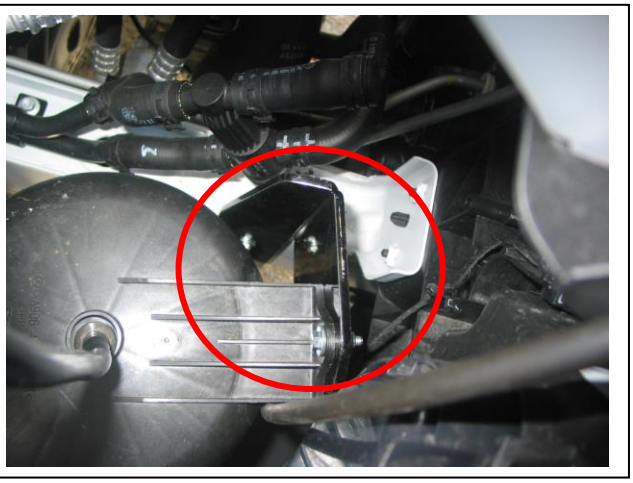

Figure 9: Canister bracket fitted to drivers side

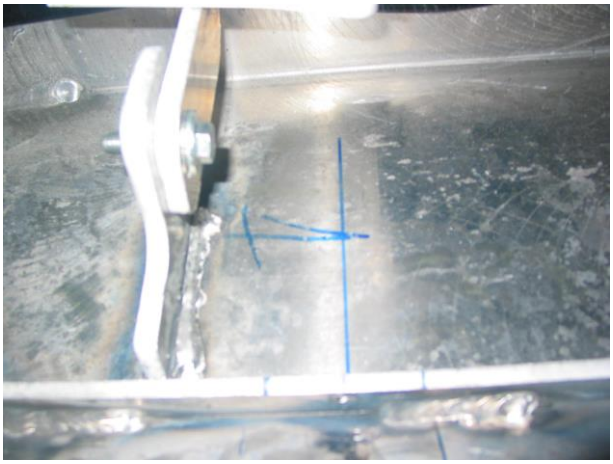

Figure 10: Rear wing side mount.

Figure 11: Front view.

Figure 12: Side view.

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Figure 13: Drivers side underbelly guard.

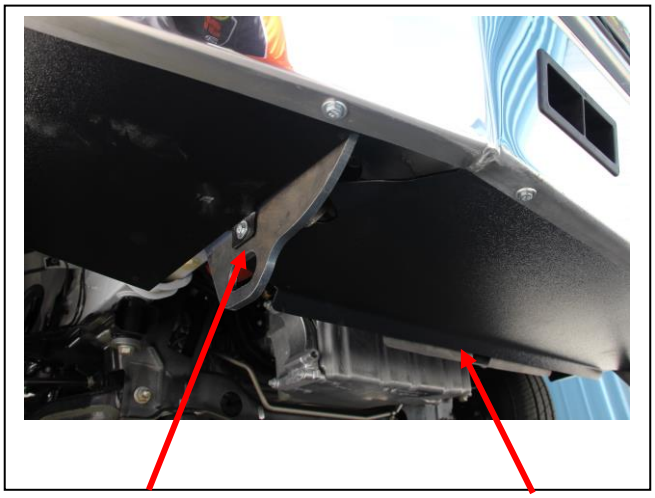

Figure 14: Share same bolt for rear hole. Flange to bottom on centre.

Figure 15: Mark and trim guard liner to fit rear of underbelly guard.

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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 Paid122
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WORLD'S BEST ALLOY BULLBARS

DESPATCH CHECKLIST
BMB59SY

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

OC…..1 – Pair Steel mounting brackets
OC…..1 – R/H Steel canister bracket (BMB60SY_C6MS)
OC…..1 – R/H Steel canister bracket (BMB60SY_C4MS)
OC…..1 – Centre under body guard (p/c black)
OC…..1 – Pair side under body guards (p/c black)
BK…..2 – Alloy guard support mounts – **In bolt kit**
BK…..1 – Bolt Kit
BK…..1 – ECB LED Indicator / Park light kit
BK…..1 – 2950mm Length 6mm clip lock trim
BK…..2 – 550mm length 3mm clip lock trim
OC…..2 – ECB Overriders
OC…..6 – 6mm Air scoops

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__/__/__

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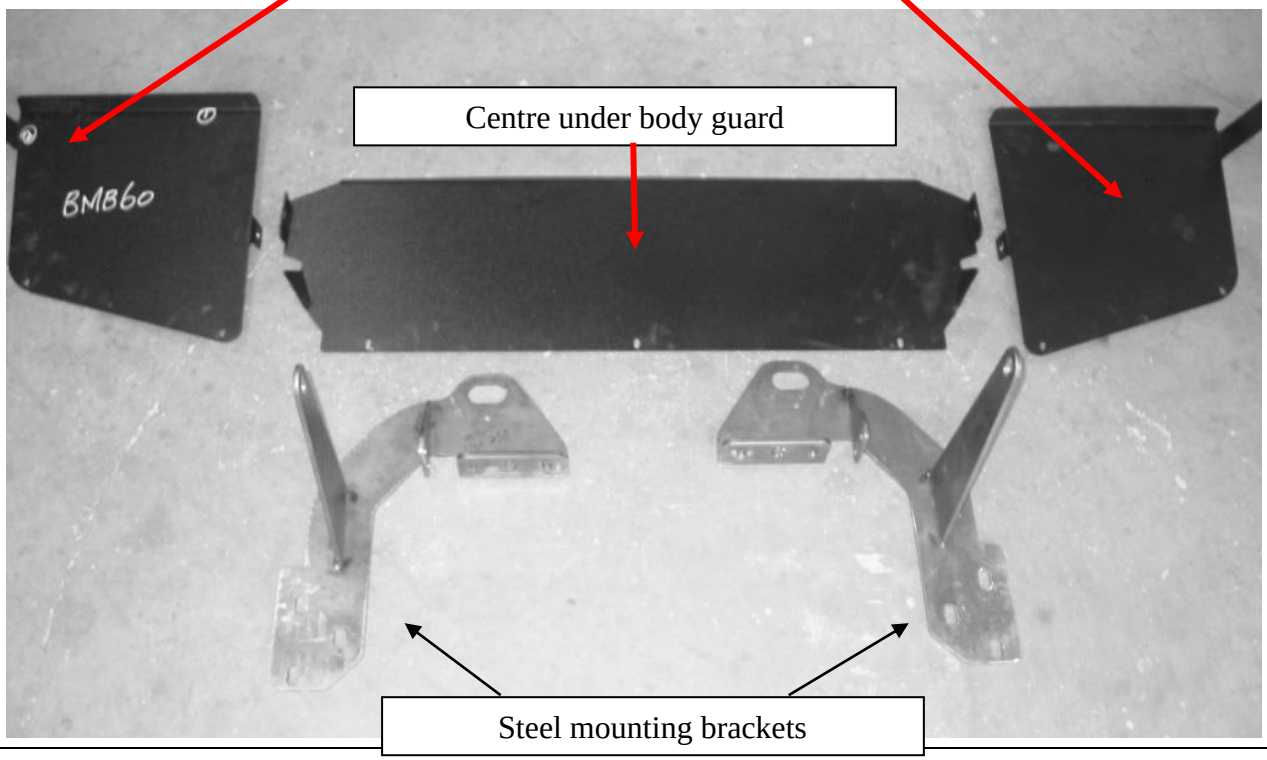
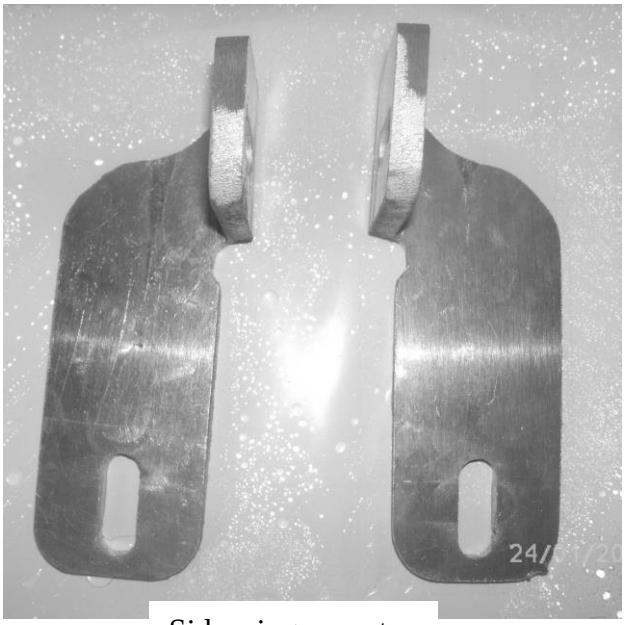
Side under body guards





Side wing mounts.

Right hand side Canister steel mounting bracket

Left hand side Canister steel mounting bracket

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