



**WORLD'S BEST  
ALLOY BULLBARS**

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

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**EAGW11SY**

REPLACES: 08.03.17  
REVISED: 17.09.18

## **FITTING INSTRUCTIONS**

### **GREAT WALL STEED 09/16 on BIG TUBE PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES**

Check installation hardware before commencing.

1. Lift Bonnet.
2. Remove ten plastic push pull clips from top of grille cover between headlights. **See figure 1**
3. Remove four 13mm head bolts from the top of the grille. **See figure 2**
4. Unclip the grille from behind and pull forward to remove.
5. Remove four 10mm head bolts and two plastic push pull clips from underneath the bumper.
6. Remove four push pull clips and two 10mm head bolts from just inside the headlight. **See figure 3**
7. Remove one 10mm screw from the inside of each wheel arch, where the bumper meets the guard, and pull the bumper outwards and forward to remove bumper. **See figure 4.**
8. From under vehicle, remove four 13mm head bolts from underbelly guard. Remove and retain for refitting.
9. Remove 16mm nut from top of bumper support. Check bumper support template (supplied) for correct sizing and using sharp scissors or similar, carefully cut from this instruction. Place template over stud on top of bumper support and mark position of hole to be drilled. **See figure 5. NOTE:** hole to be drilled is to inside of stud on both sides of vehicle. Drill marked hole to 13mm. **Blow filings clear and treat all exposed metal with a rust inhibitor.**
10. Remove two 13mm head bolts that hold the bumper support to the front of the chassis plate. Remove bumper support.
11. Remove four bumper stays from the radiator support. One 10mm head bolt for the centre stays and two 10mm head bolts for the outer stays.
12. Install top chassis support behind previously drilled hole using M10 x 25 bolt and flat washer (supplied). **See Figure 6.** Using chassis support as a guide, drill two holes in inside of chassis rail (per side). **Blow filings clear and treat all exposed metal with a rust inhibitor.** Secure chassis support to inside of chassis rail using two M10 x 30 bolts, spring washers, flat washers and M10 nut on 300mm wire (supplied). Tighten all bolts. Remove previously installed M10 x 25 bolt from front of chassis.
13. Slide the ECB steel mounts supplied over the ends of the bumper support and install one M10 x 70 bolt, flat washer, spacer tube, washer plate, flat washer, spring washer and nut (supplied) through each mount. **See Figure 7.**
14. Align the mount holes with the chassis faceplate and install using M10 x 30 bolts, spring washers, flat washers (supplied) and M10 nuts, spring washers and flat washers for studs (supplied) and M10 x 25 bolts, spring



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washers and flat washers (supplied) previously installed to top chassis support. Ensure that the inside - inside width of the steel mounts is the same as the outside – outside of the alloy mounts and that it is central and level on the vehicle. **See figure 7 Tighten all bolts.**

15. Fit lower rear steel mount gusset to the inside of the rear hole of the ECB steel mount using one M10 x 30 bolt, spring washer, flat washer and nut (per side) (supplied). Using mount gusset as a guide, drill hole in lower chassis cross member. **See figure 8. Blow filings clear and treat all exposed metal with a rust inhibitor.** Secure mount gusset to cross member using M10 x 30 bolts, spring washers, flat washers and nut and washer on 300mm wire (supplied). Tighten all bolts.
16. Remove flares from bumper by unscrewing eight PK screws from the inside of each one and peeling it off the double sided tape at front.
17. Check ECB bumper cut template for correct sizing and carefully cut out. Using ECB bumper cut template (supplied), mark out bumper for cutting. Cut bumper using a jigsaw or similar. Use masking tape to avoid damaging paint work when cutting bumper. **See figure 9 and 10.**
18. Check ECB bumper flare cut template for correct sizing and carefully cut out. Using ECB bumper flare cut template (supplied), mark out flare for cutting. Use masking tape to avoid damaging paint work when cutting bumper. Cut bumper using a jigsaw or similar. Attach 3mm clip lock trim (supplied) to trimmed edge. **See figure 11.** Place control gel adhesive around inner front edge of flare (supplied) and install flare back to bumper with original screws
19. Disconnect indicator and parking lights on vehicle. Install ECB quick click wiring harnesses (supplied) between disconnected harness and indicator / park lights on vehicle. Run wiring out from under lights ensuring clearance from sharp edges and moving parts.
20. Connect ECB fog light quick click wiring harness (supplied) to original equipment wiring harness. **NOTE:** This harness can be fitted in reverse. Check the wire colours align between the plugs.
21. Refit bumper to vehicle using original equipment in the reverse of steps 3 - 7.
22. Fit ECB LED indicator / park lights into protection bar as per instructions supplied with the LED indicator kit. **See figure 12.**
23. Attach ECB fog 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. See figure 13.**
24. 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 14, 15 and 16.**
25. Fit ECB protection bar to inside of steel mounting brackets using four M12 x 40 bolts, flat washers, spring washers and nuts (supplied) per side. Align protection bar to front of vehicle and tighten all bolts. **See figures 17 and 18.**
26. Connect and check indicator / park lights / daylight running lights and fog lights for correct operation.
27. Using 6mm drill, hold inner guard as far up as possible and drill hole through hole in radiator support. Secure using M6 x 25 bolt, flat washers and nyloc nuts. Tighten only enough to pull inner guard to radiator support. Overtightening will result in a buckled inner guard. The nyloc will stop the bolt from loosening over time. Trim inner guards at bottom of radiator support to match ECB protection bar.



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28. Install ECB underbelly guard to top of lower leg of skirt using three M6 x 20 bolts, flat washers and nyloc nuts. Finger tighten only. **See figure 19.**
29. With a shifter, bend front corners of underbelly guard forward slightly to allow it to fit between rear support mounts. Refit to vehicle using original bolts, sandwiching underbelly guard. **Tighten all bolts.**

### **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) This Protection bar has been designed to ensure adequate air flow to the cooling system of the vehicle. Consideration must be given to the style and type of driving lights fitted to top of protection bar as this may impact on the cooling system of the vehicle.
- g) **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 mounting brackets	4 – M10 x 1.25 nuts
1 – Pair ECB steel top chassis support brackets	6 – M10 x 1.25 nut and washer on 300mm wire
1 – Pair ECB steel lower chassis support brackets	5 – M6 x 20 bolts
1 – ECB underbelly guard (EAGW11SY_UB3AL)	2 – M6 x 25 bolts
2 – 10Nb x 35mm spacer tubes	10 – M6 flat washers
2 – 40 x 40 x 6 steel plates, 13mm hole (40 x 40 x 13)	5 – M6 Nyloc nuts
8 – M12 x 1.75 x 40 bolts	2 – M6 nuts and spring washers
16 – M12 flat washers	1 – ECB LED Indicator / Park / DRL light kit
8 – M12 spring washers	1 – Quick Click kit (IC16GWSTIPDH)
8 – M12 x 1.75 nuts	1 – Fog light kit
2 – M10 x 1.25 x 25 bolts	1 – Quick click kit (IC10D40S1004ECBH)
12 – M10 x 1.25 x 30 bolts	2 – Fog Light Surrounds
2 – M10 x 1.5 x 70 bolts	1 – 3ml bottle, Loctite gel adhesive
22 – M10 flat washers	2 – 250mm length, 3mm clip lock trim
18 – M10 spring washers	1 – 2500mm length, 6mm clip lock trim
2 – M10 x 1.5 nuts	



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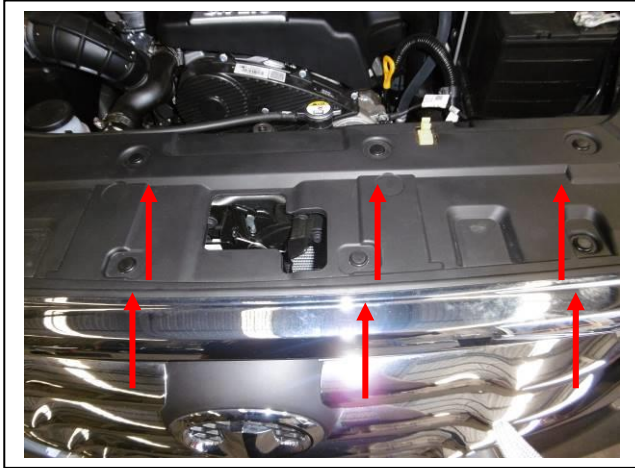


Figure 1: Top Grille Cover.



Figure 2: Four 10mm head bolts



Figure 3



Figure 4



Figure 5: RH side of vehicle shown



Figure 6





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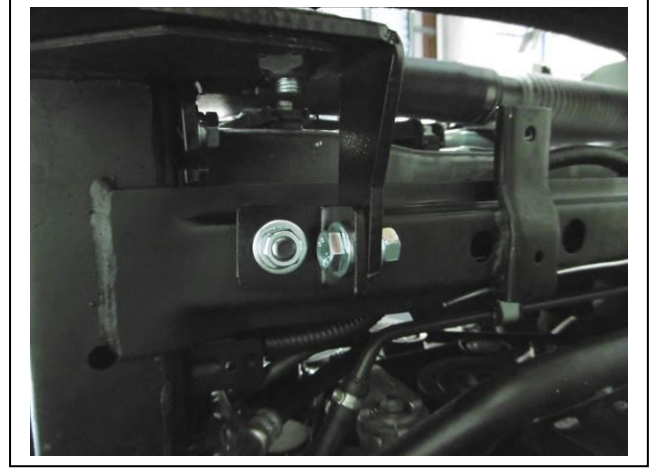
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**Figure 7**



**Figure 8**



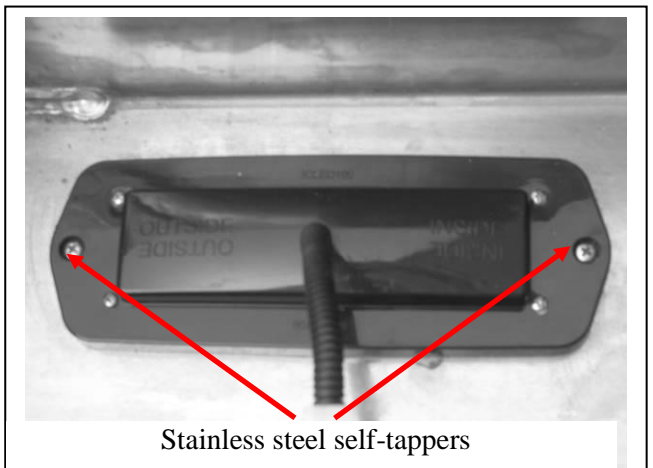
**Figure 9:** Cut line on bumper. Lower side of tape line



**Figure 10:** Template attached to vehicle



**Figure 11:** Flare, cut and installed



**Stainless steel self-tappers**

**Figure 12**



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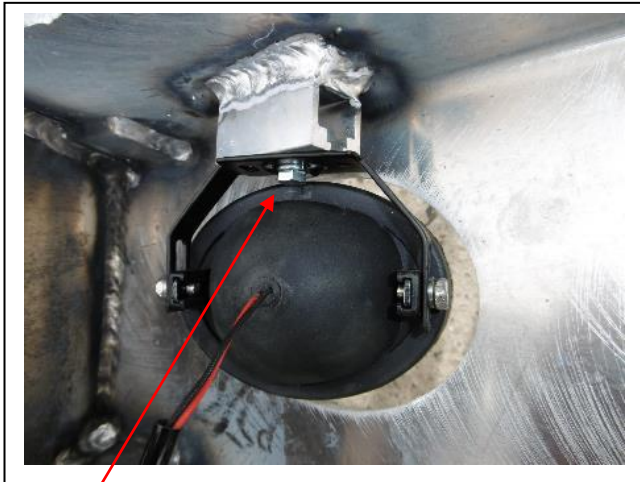
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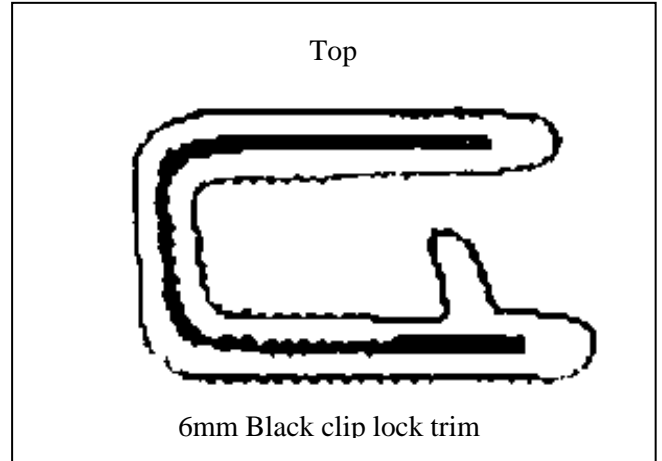
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M6 Bolt

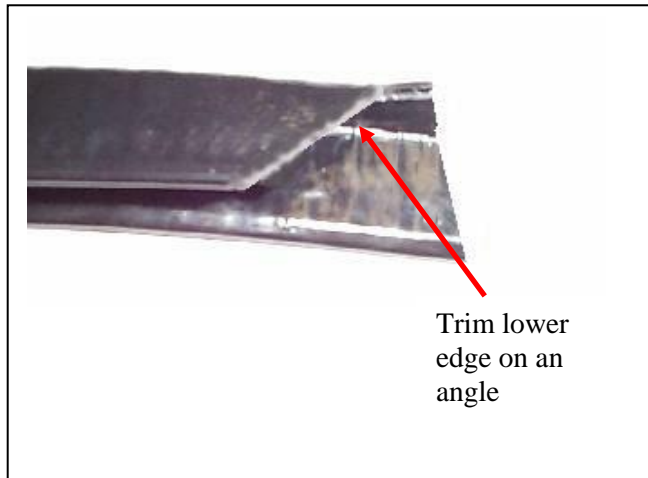
Figure 13



Top

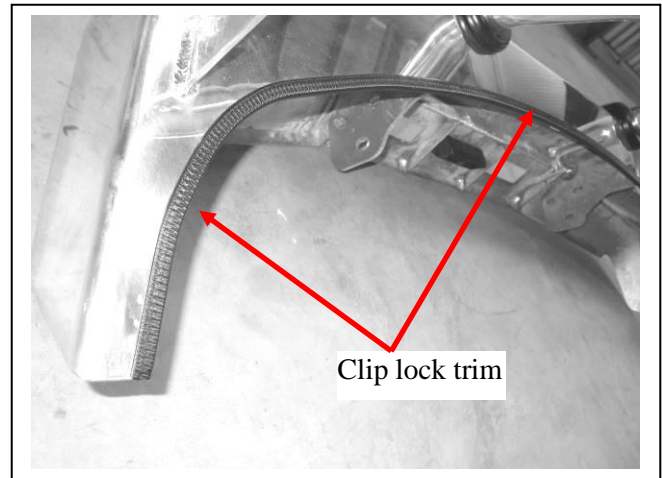
6mm Black clip lock trim

Figure 14



Trim lower  
edge on an  
angle

Figure 15



Clip lock trim

Figure 16



Figure 17: Type 8 bar front view

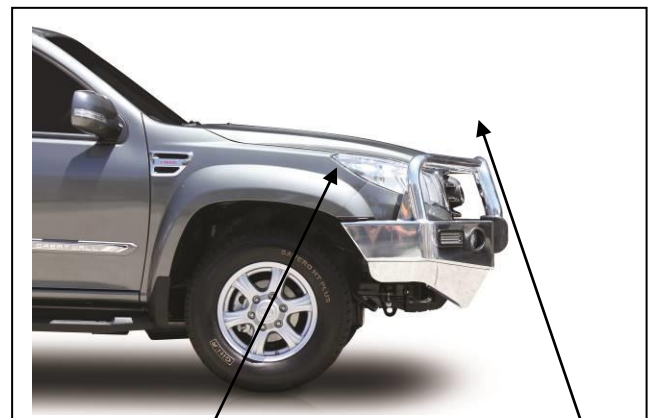


Figure 18: Type 8 bar side view



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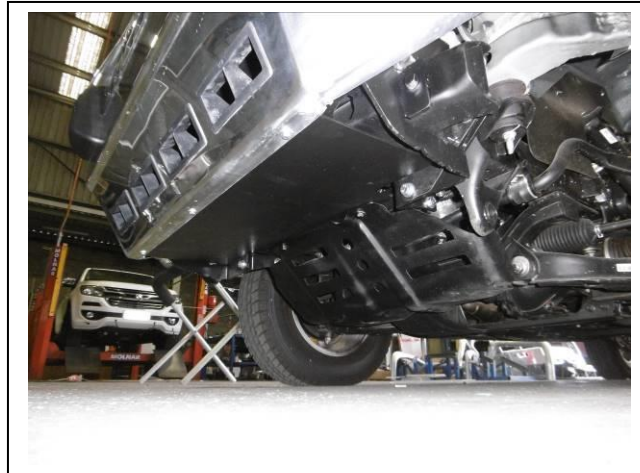
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**Figure 19: Underbelly guard**



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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.

<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  
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**Fax to**  
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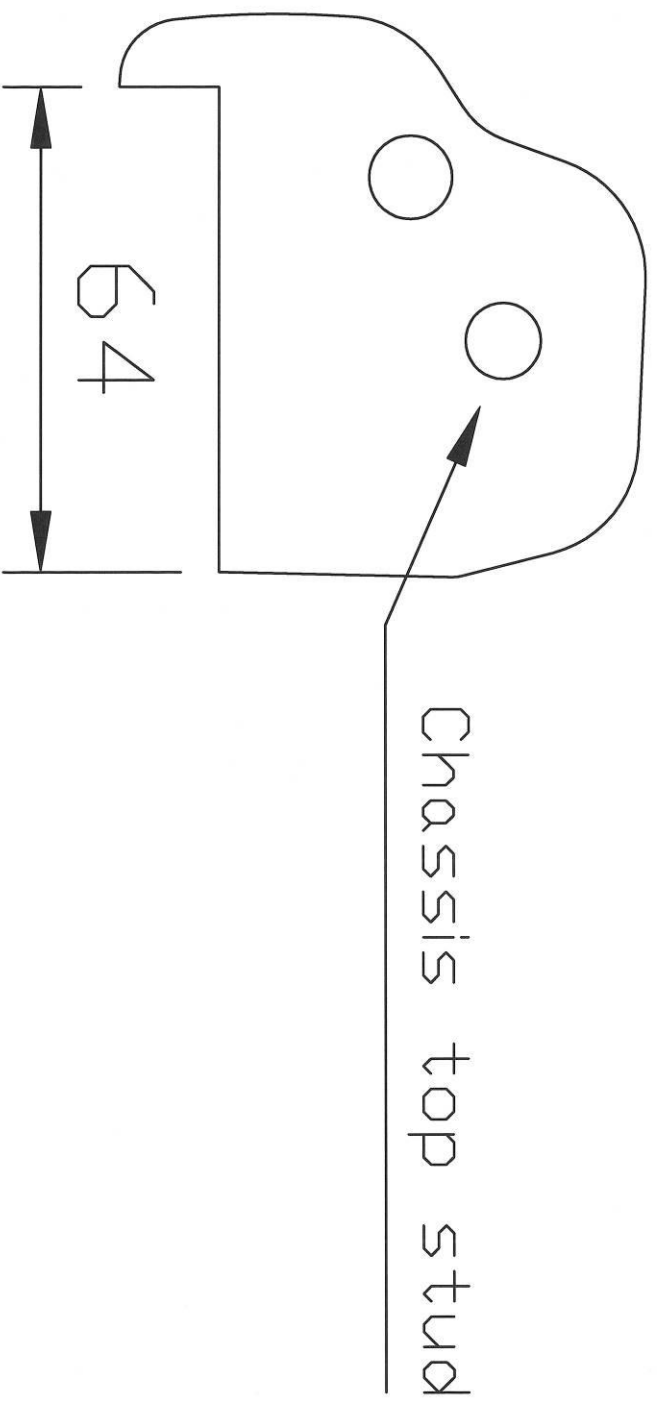
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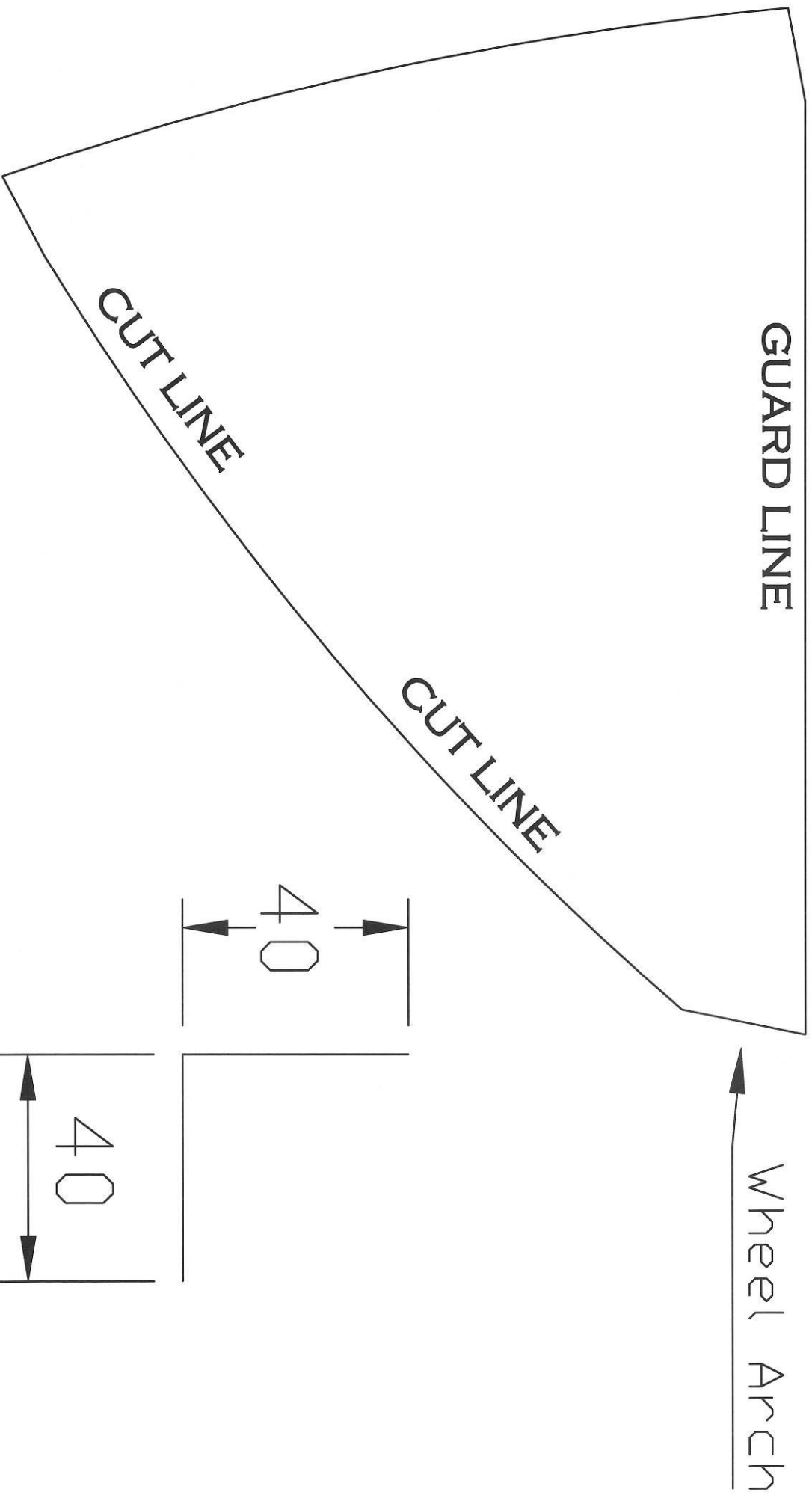
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# CHASSIS HOLE TEMPLATE



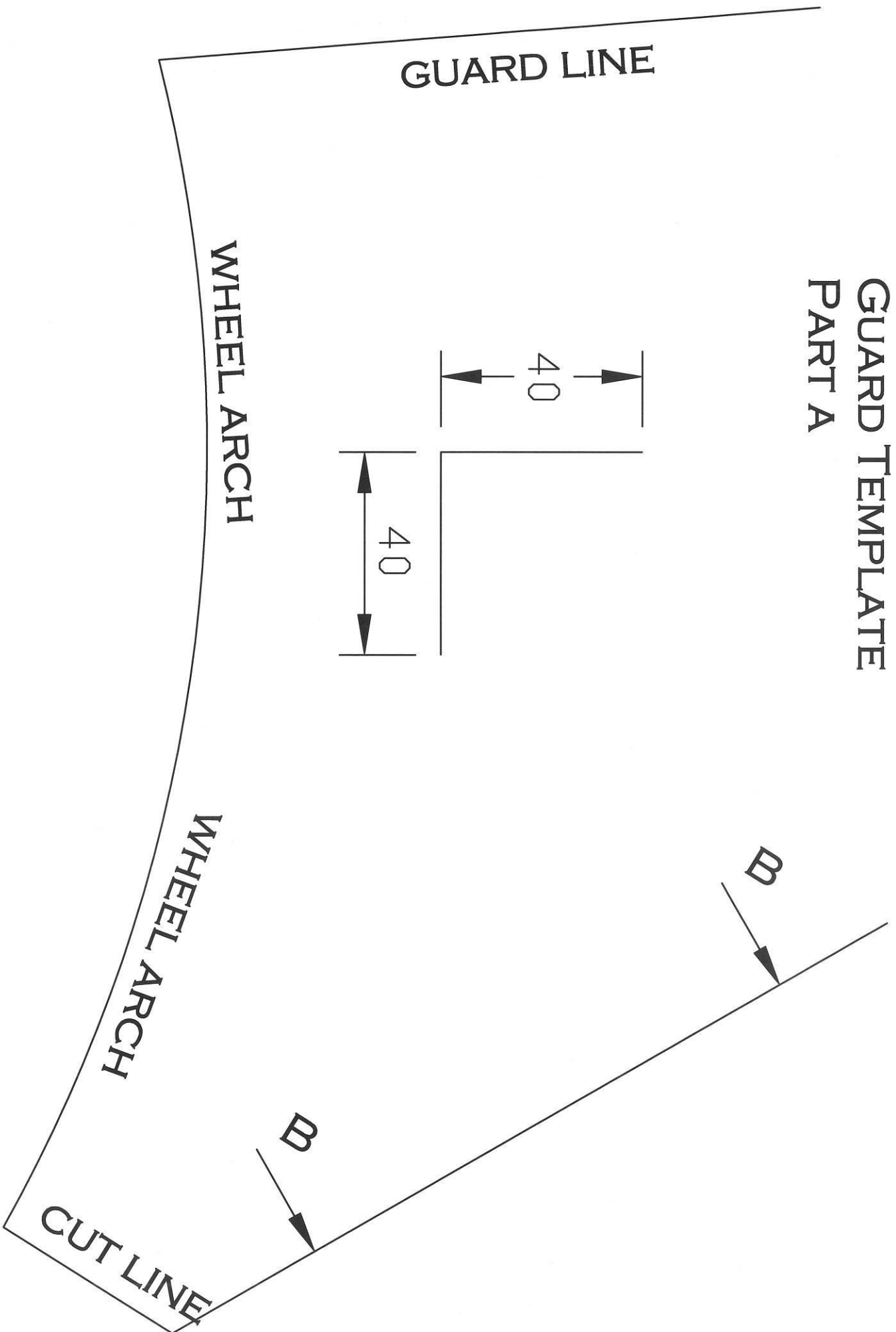


# FLANGE TEMPLATE



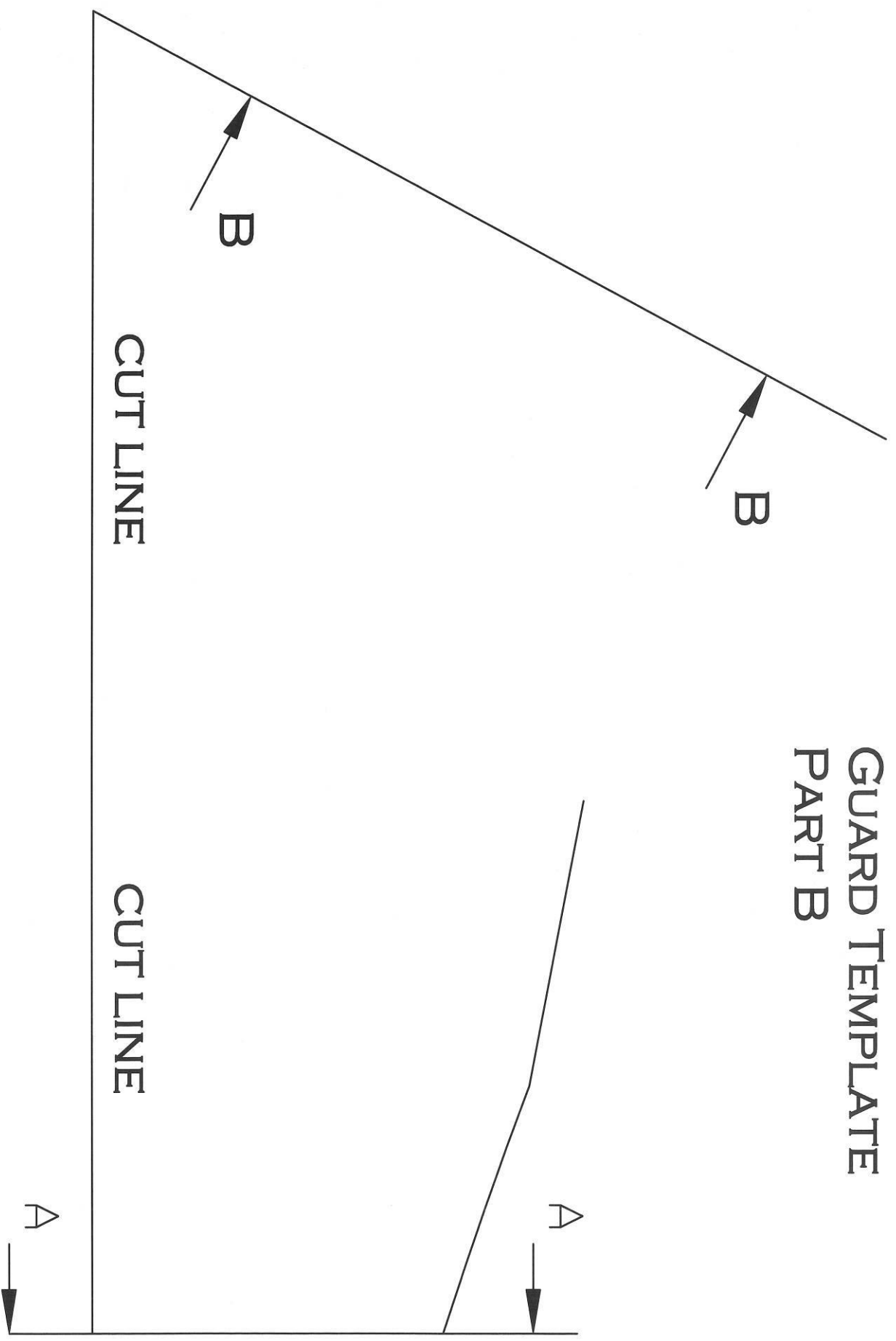


# GUARD TEMPLATE PART A





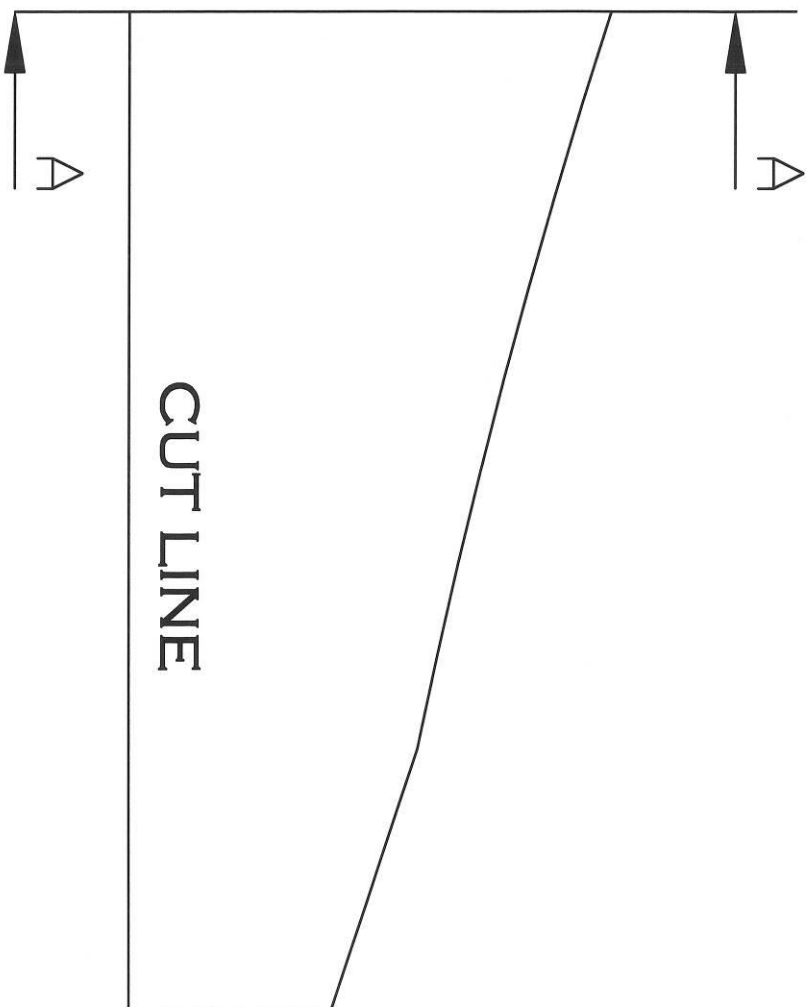
# GUARD TEMPLATE PART B







**GUARD TEMPLATE  
PART C**





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## DESPATCH CHECKLIST EAGW11SY

Work Order #		<b>See other side off this page for photos of all mounts</b>
Finish:		
Transport:		
Due Date:		

- OC.....1 – Pair steel mounting brackets.
- OC.....1 – 3mm Alloy underbelly guard (EAGW11SY\_UB3AL)
- OC.....1 – Pair Overriders (**Fitted to Bar**)
- OC.....7 – 6mm air vents (**Fitted to Bar**)
- BK.....1 – Pair Steel top chassis support brackets (With welded nut)  
(EAGW11SY\_C6MS)
- BK.....1 – Pair Steel lower chassis support brackets (EAGW11SY\_B6MS)
- BK.....1 – Bolt Kit.
- BK.....1 – Indi / park / DRL light kit (ICLED105ECB)
- BK.....1 – Quick click Kit (IC16GWSTIPDH)
- BK.....1 – Fog Light Kit (ICLED200DRL)
- BK.....1 – Quick Click Fog Kit (IC10D40S1004ECBH)



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 \_\_/\_\_/\_\_





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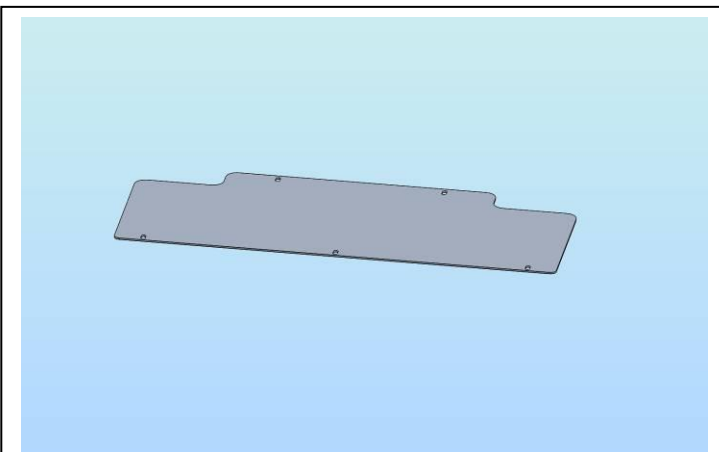
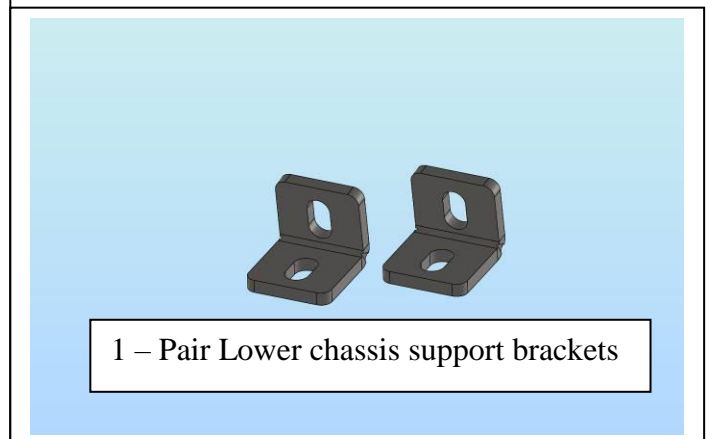
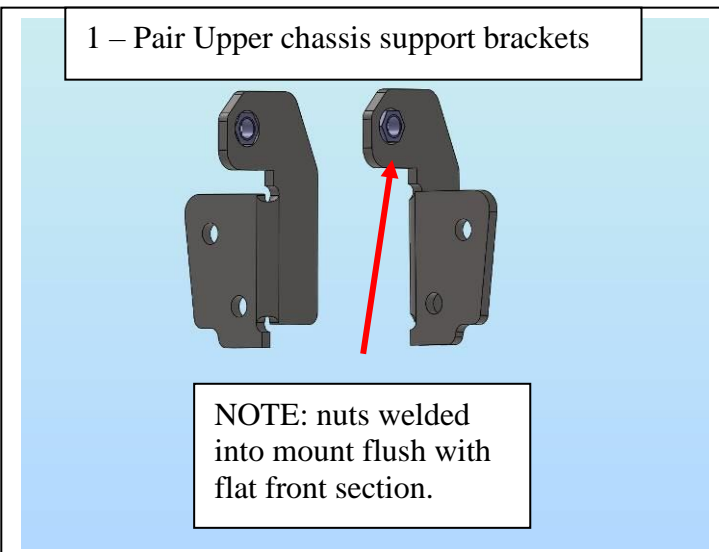
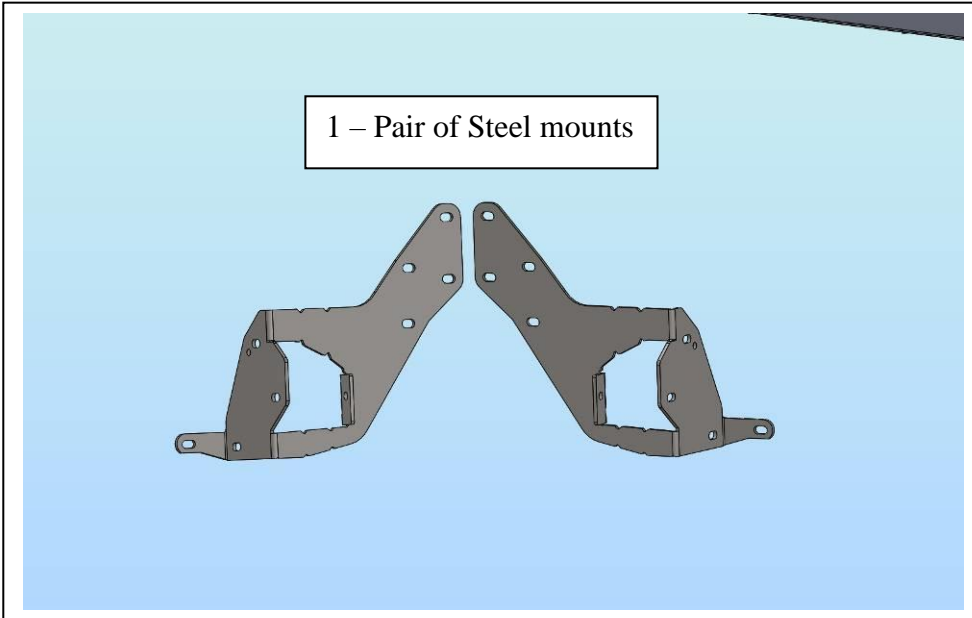
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Final wrap check: \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_



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Wrapper's initials / Checker initials



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