



Thank you for purchasing one of our awesome kits. No matter your skill level, following these instructions will easily step you through the process from preparation to assembly, ensuring you end up producing nothing but a top quality professional product.

BEFORE YOU BEGIN

- Familiarize yourself with the assembly procedure and ensure all parts have been supplied.
- Protect your parts and workspace from damage by lining your bench top with cardboard or material/towel.
- Parts have been deburred at the factory but some sharp edges may still be present, simply check over your parts with a deburring tool or file before assembly.
- Using the QR Code above, visit www.ibuiltkits.com/assembly-and-install/3_piece_mudguards/ for video instructions, plus assembly tips and comments on the product.
- Follow the instructions carefully and in the correct order.
- If you have any questions or issues with your product please contact iBUILT KITS via email troy@ibuiltkits.com

CARE & MAINTENANCE

- These mud guards require very little maintenance, periodic checking of bolts and fasteners is sufficient.
- If fatigue or damage occurs please stop using and replace as soon as possible.
- Clean and wash as you would the rest of your vehicle, degrease and wash with a non corrosive detergent and avoid abrasive brushes or sponges.

INCLUDED IN THIS KIT

SHEET METAL PARTS

S1 TRST-0008-1082 3 Piece Guard Top x2	S2 TRST-0008-1083L 3 Piece Guard Front LEFT x1	S3 TRST-0008-1083R 3 Piece Guard Front RIGHT x1	S4 TRST-0008-1084L 3 Piece Guard Rear LEFT x1
S5 TRST-0008-1084R 3 Piece Guard Rear RIGHT x1	S6 FRST-0008-1085 Face Bracket x4	S7 TRST-0008-1086 Intermediate Bracket Outside x4	S8 TRST-0008-1087 Intermediate Bracket Inside x4

HARDWARE

H1 TRST-9999-1019 iBUILT Kits 297x286mm Mudflap x2

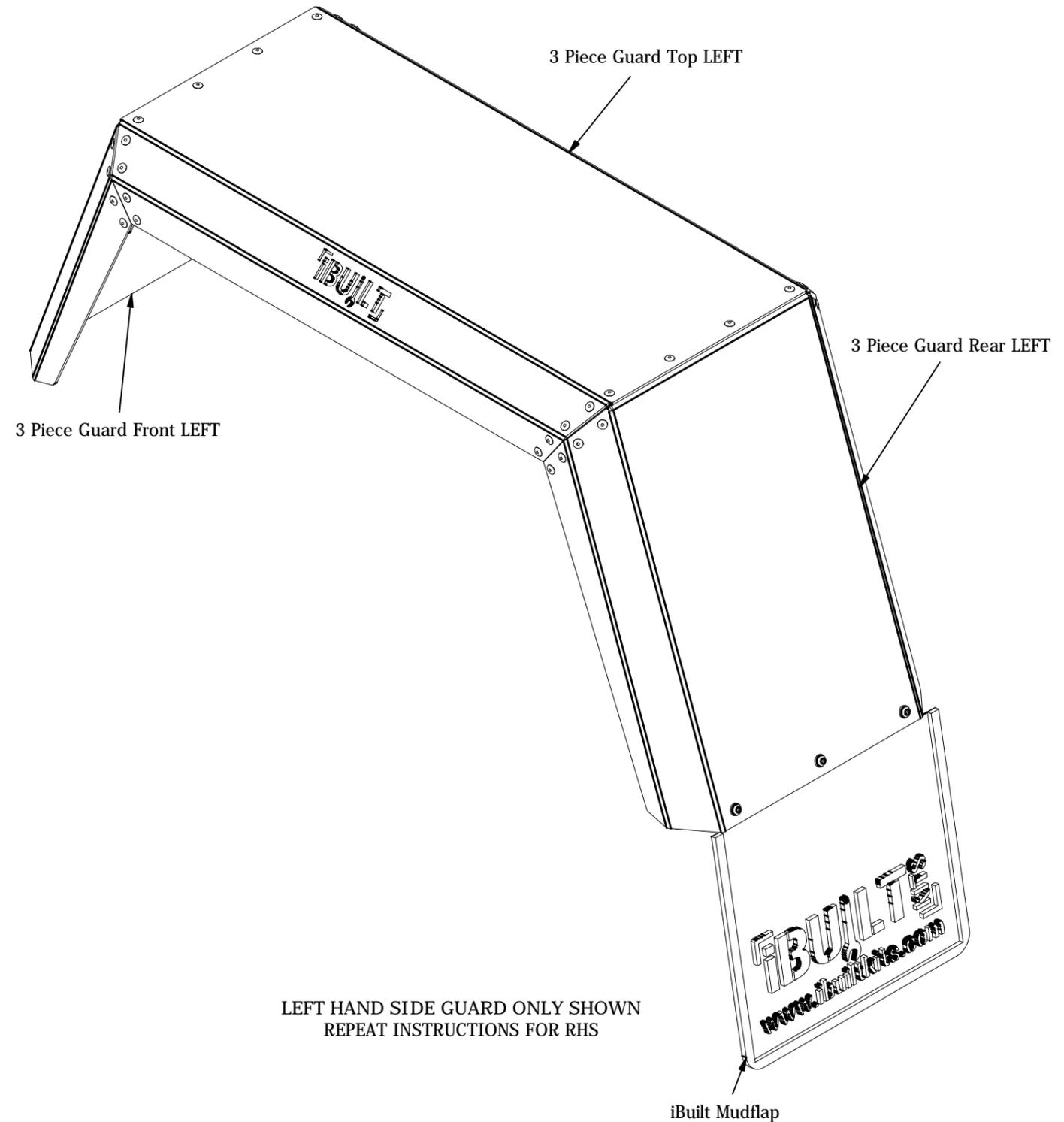
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ASSEMBLY INSTRUCTIONS

3 PIECE MUD GUARDS

ASSEMBLY TIME APPROX. 10mins per side*



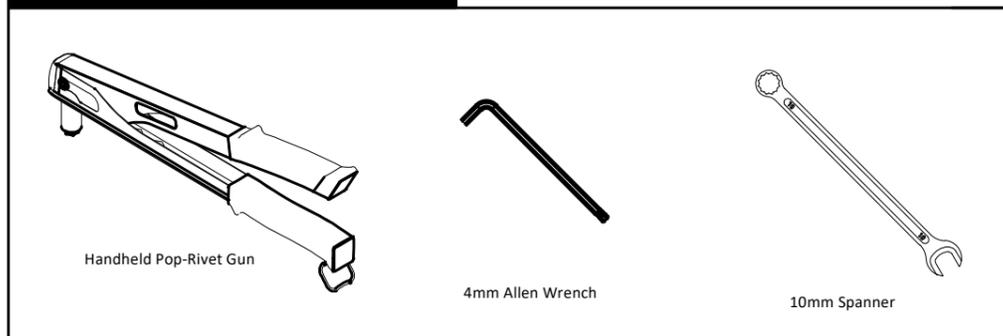
LEFT HAND SIDE GUARD ONLY SHOWN
REPEAT INSTRUCTIONS FOR RHS

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FASTENERS

<p>F1 x64</p> <p>RIAS73604 (6-4) 4.8x11.1mm Aluminium/Steel Rivet</p>	<p>F2 x6</p> <p>M6x20 - A2 - ISO7380 Button head socket screw</p>	<p>F3 x6</p> <p>6mm - A2 - DIN125A STD Washer Stainless</p>
<p>F4 x6</p> <p>6mm - A2 - DIN9021 Mudguard Washer Stainless</p>	<p>F5 x6</p> <p>M6 - A2 - DIN985 NYLOC Hex Nut</p>	

TOOLS REQUIRED



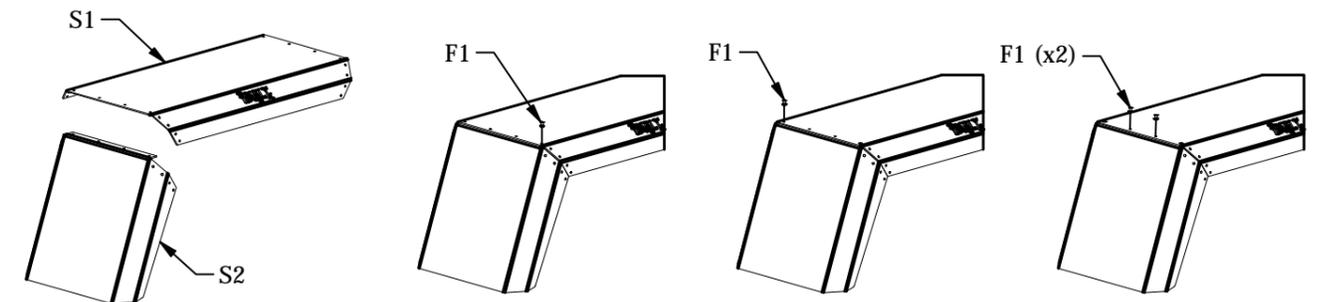
STEP 1:

Unpack your parts and familiarize yourself with the components, Peel protective film from all Parts and clean glue residue with Acetone or Dissolve-it spray using a soft clean rag. Protect your work surface to avoid scratching your parts by laying down cardboard, carpet or material such as a towel.

PLEASE NOTE: These instructions will go through the process of assembling the Left Hand Side (LHS) guard, please repeat these instructions for the Right Hand Side (RHS).

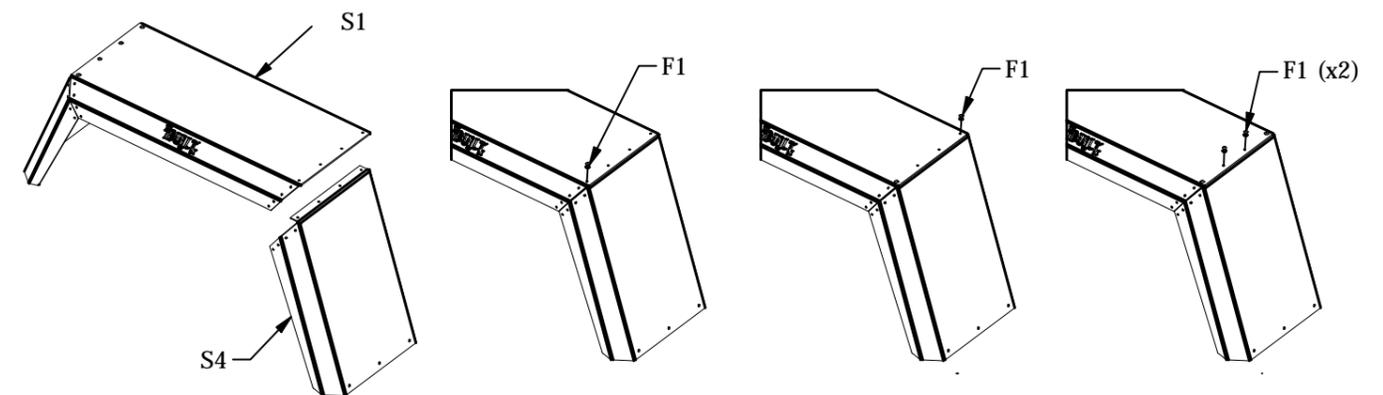
STEP 2:

Starting with **3 Piece Guard Top (S1)** and **3 Piece Guard Front Left (S2)**, place a rivet into one of the outside holes on the topside of S1, align the remaining holes and pin in place on the opposite side, proceed to lock in place with the remaining middle rivets.



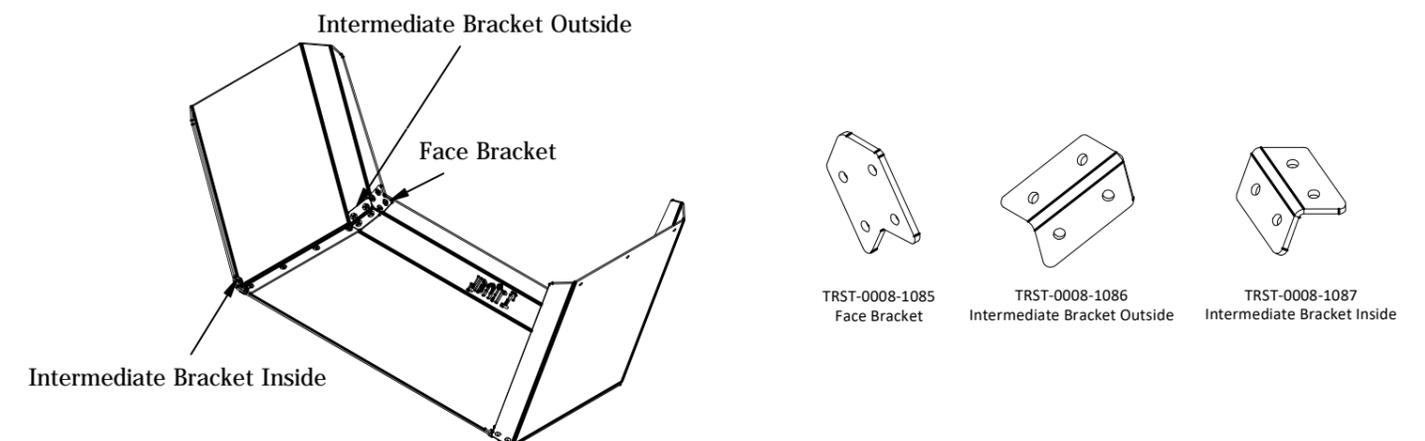
STEP 3:

Moving on to the rear section, introduce **3 Piece Guard Rear LEFT (S4)** to the assembly. Place a rivet into one of the outside holes on the topside of S1, align the remaining holes and pin in place on the opposite side, proceed to lock in place with the remaining middle rivets.



STEP 4:

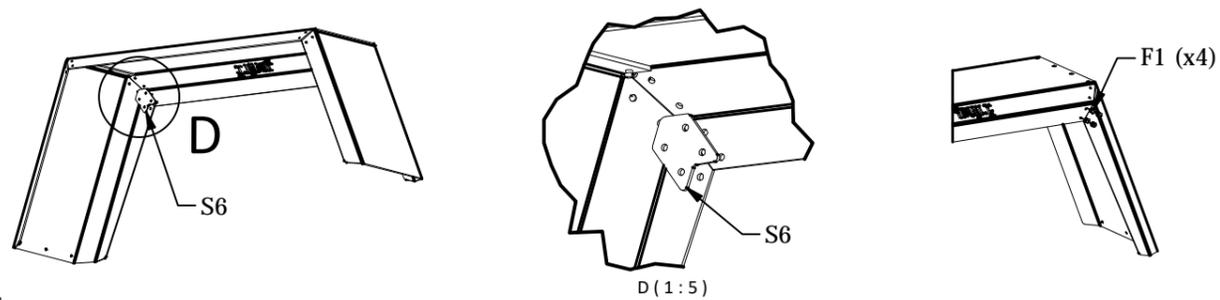
Familiarise yourself with the locations and shapes of the joining brackets shown below.



STEP 5:

Install the **Face Bracket (S6)** in place on the inner outside edge of the guard, ensure all holes line up before fastening rivet, an un-popped rivet can be used as an alignment pin.

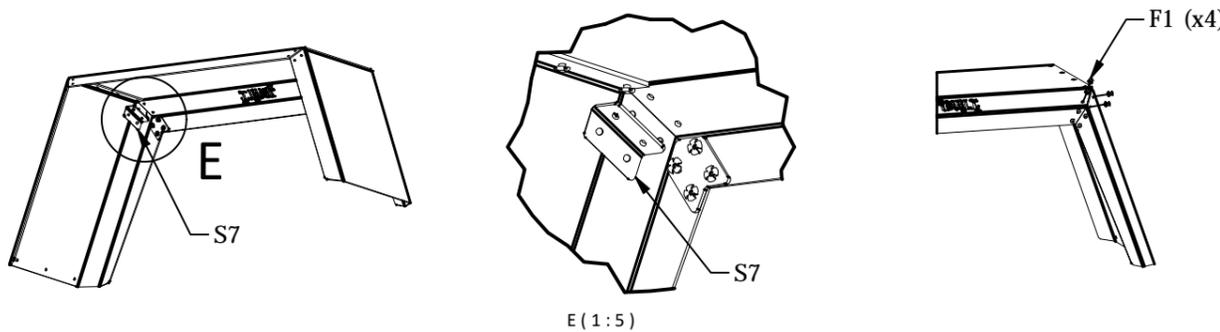
Repeat this process for the other face bracket on the front section of the guard.



STEP 6:

Install the **Intermediate Bracket Outside (S7)** in place on the inner outside edge of the guard, ensure all holes line up before fastening rivet, an un-popped rivet can be used as an alignment pin.

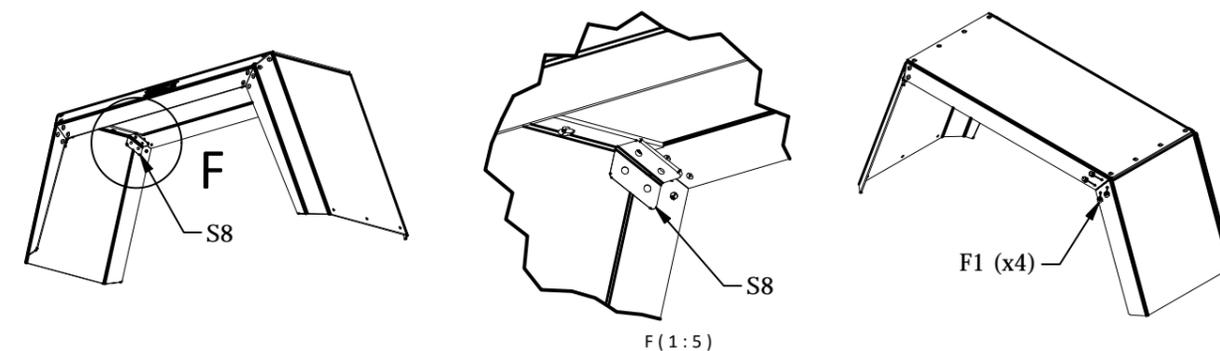
Repeat this process for the other intermediate outside bracket on the front section of the guard.



STEP 7:

Install the **Intermediate Bracket Inside (S8)** in place on the inner inside edge of the guard, ensure all holes line up before fastening rivet, an un-popped rivet can be used as an alignment pin.

Repeat this process for the other face bracket on the front section of the guard.



STEP 8:

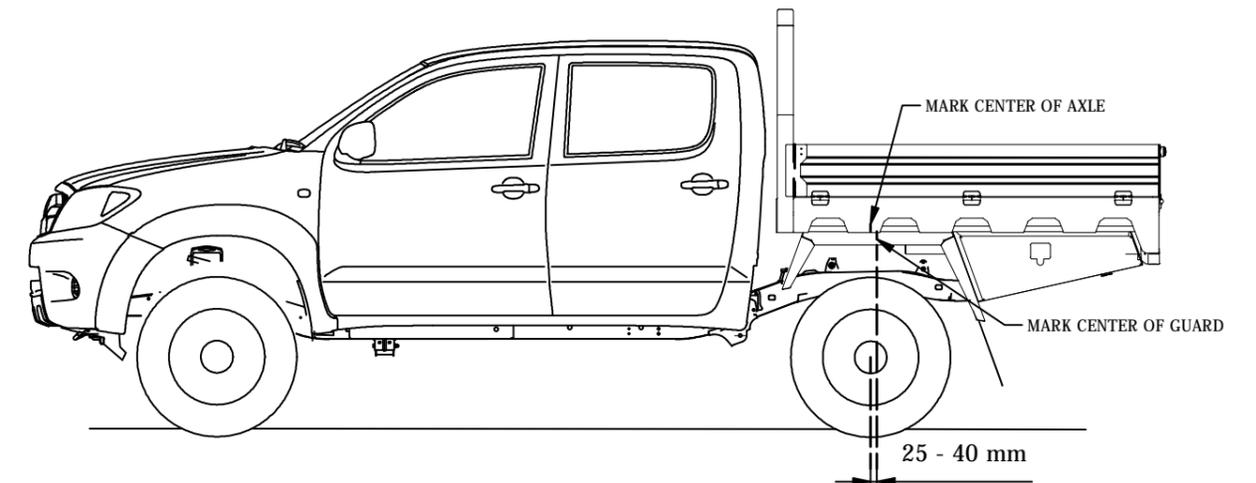
Installation of mudflaps can be completed now or after installation on the car.

Repeat the process for the Right Hand Side Guard.

STEP 9:

Now the guards are complete they are ready to be installed on your tray or trailer. The guards are supplied with no mounting slots or un-needed holes to prevent mud and water draining over the sides.

Decide on your mounting location front to back and side to side. It is suggested that you position your guards 25-40mm behind the center of your axle to suit the travel of your suspension. If possible, flex a rear wheel as far as possible into the wheel arch to find the perfect position.

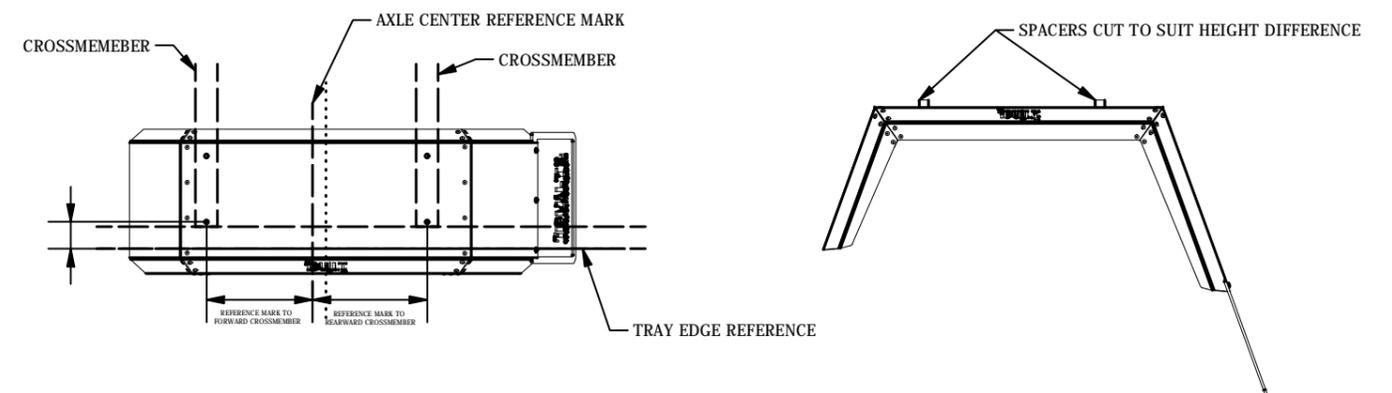


STEP 10:

Once the correct position has been found, from the center mark of the tray, mark a matching point on the guard which can be used as a reference for measurements. Disregard the old guard center mark from now on.

Carefully measure underneath the tray from the center mark forwards to the middle of a crossmember, copy this distance to the top of the mudguard from the new reference mark. Do the same in the rearward direction of the centermark, again copy the distance to the top of the guard.

Measure and mark suitable positions for holes in the LEFT/RIGHT DIRECTIONS from the tray edge reference line. Proceed to drill pilot holes in these positions.



STEP 11:

Position your guard in place once again ensuring your holes line up with the crossmembers, transfer the center of your hole positions onto the cross-members of the tray and drill to suit hardware of your choice. **NOTE: The use of self tapping screws is not suggested, guards should be bolted in place with nuts and washers, or the use of rivet nuts where standard nuts are not practical.**

If there is a height difference between the edge of your tray and crossmembers, you will need to utilise spacers on your bolts, for small distances, washers can be used (less than 10mm), and for large distances equal cut lengths of tube, pipe or RHS can be used.