

FITTING PROCEDURE

1. ORIENTATE YOURSELF WITH EACH PLATE AND WHERE THEY WILL BE MOUNTED, & REMOVE OEM PLASTIC COVERS
2. START BY BOLTING THE TRANSFER PLATE IN FIRST WITH TWO M8x30 ON THE REAR OF THE X-MEMBER & ONE LONG M10x120 BOLT ON CHASSIS RAIL
3. BOLT TRANSMISSION PLATE IN PLACE, WITH FOUR M10x30 FINE BOLTS CENTRE FRONT & BACK, AND TWO M8x30 TO THE PASSENGER SIDE & CHASSIS RAIL
4. TO FIT SUMP, FRONT & SUPPORT BRACKET, PLEASE SEE PAGE 2 FOR MORE DETAILS. LOOSELY SCREW IN REAR M8x30 BOLTS FOR SUMP PLATE. SLIDE REAR OF SUMP PLATE ONTO REAR BOLTS, SLIDE SUPPORT BRACKET IN AND LOOSELY SCREW IN M8x50 BOLTS
5. SLIDE REAR OF THE FRONT PLATE BETWEEN THE SUMP PLATE AND LOOSELY FITTED BOLTS, THEN LOOSELY SCREW BOLTS INTO THE FRONT OF THE FRONT PLATE
6. ALIGN AND SQUARE UP ALL PLATES AND PROCEED TO TIGHTEN ALL BOLTS AND NUTS

M8x30, FLAT WASHER, SPRING WASHER (x2)

M8x50, FLAT WASHER, SPRING WASHER (x2)

M8x30, FLAT WASHER, SPRING WASHER (x2)

M10x30 FINE, FLAT WASHER, SPRING WASHER (x2)

M10x30 FINE, FLAT WASHER, SPRING WASHER (x2)

M8x30, FLAT WASHER, SPRING WASHER (x2)

M8x30, FLAT WASHER, SPRING WASHER (x2)

M10x120, LARGE FLAT WASHER (x2), NYLOC NUT

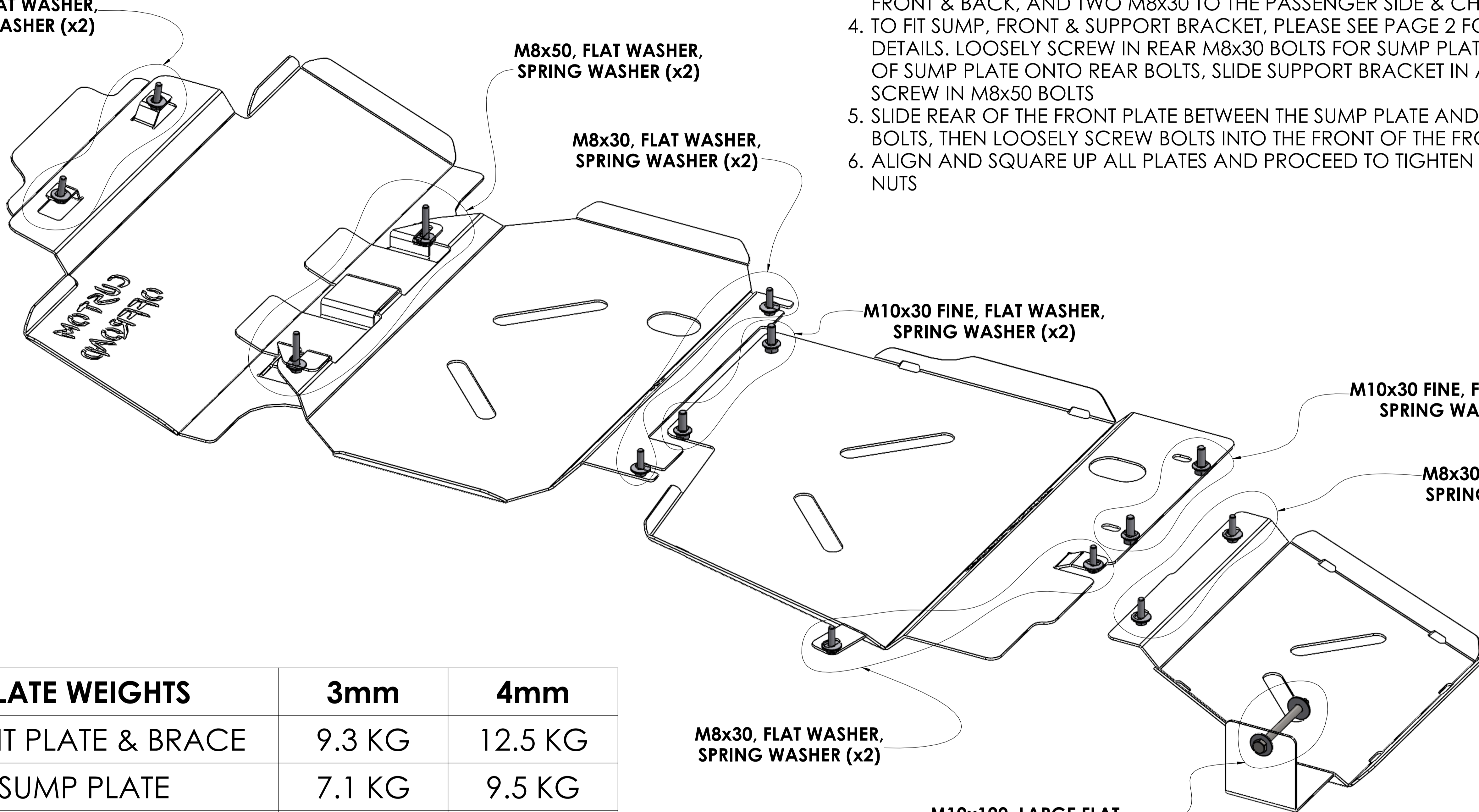
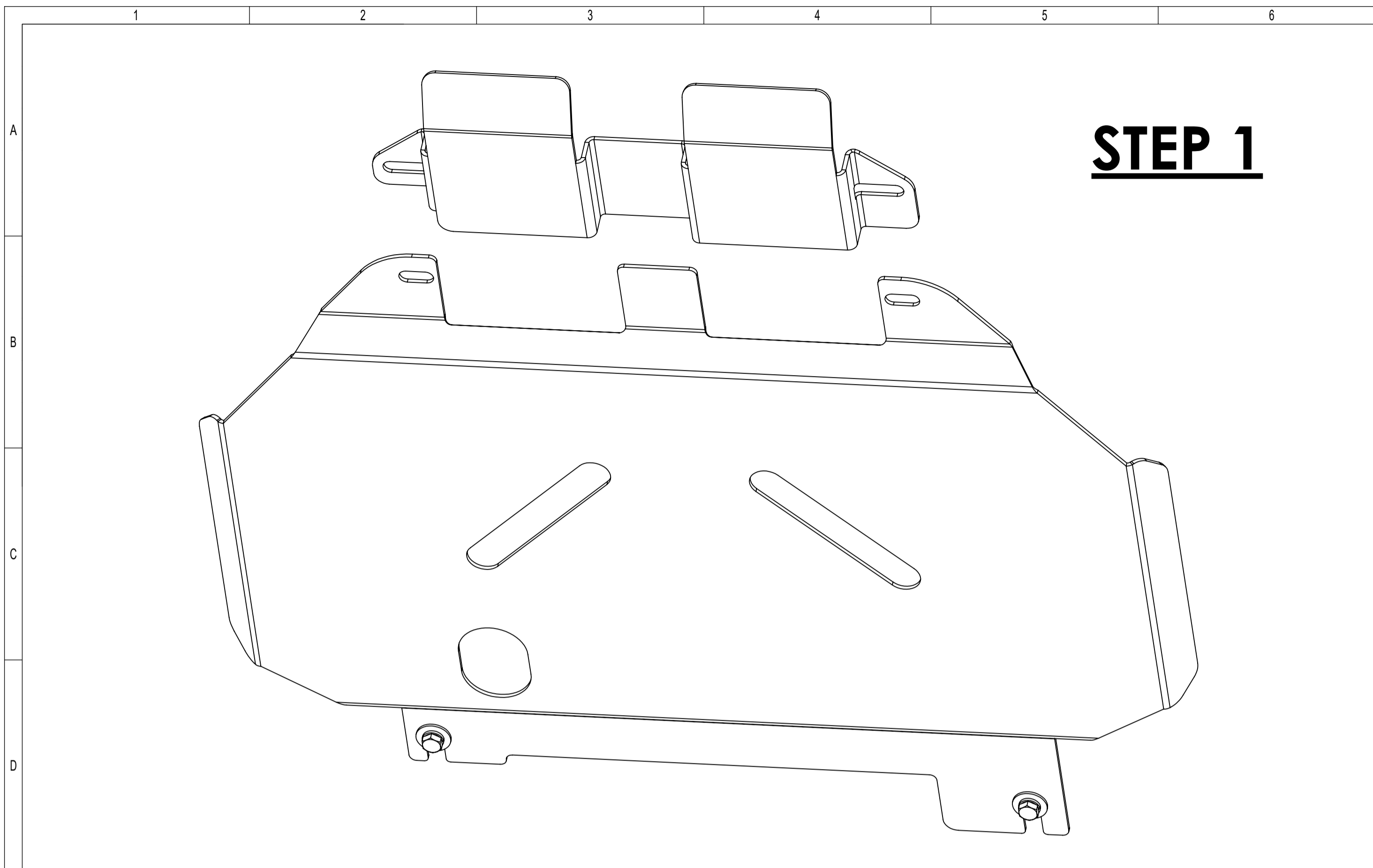


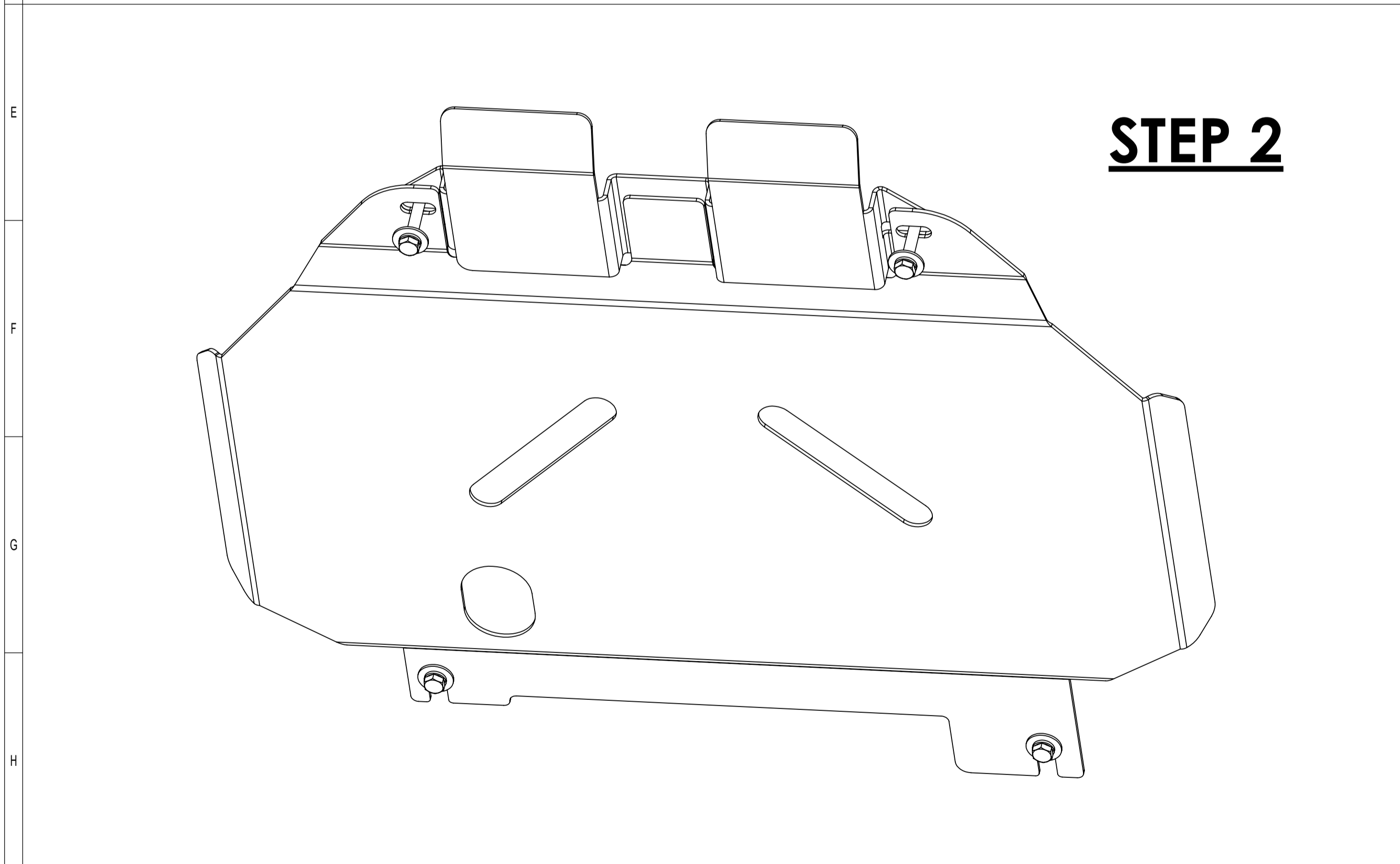
PLATE WEIGHTS	3mm	4mm
FRONT PLATE & BRACE	9.3 KG	12.5 KG
SUMP PLATE	7.1 KG	9.5 KG
TRANSMISSION	9.2 KG	12.2 KG
TRANSFER PLATE	4.8 KG	6.4 KG

REVISIONS A: 02/12/22 R. BELL ORIGINAL ISSUE	UNLESS OTHERWISE STATED UNTOLERANCED DIMENSIONS TO BE WITHIN THE LIMITS SHOWN				DRAWN RICHARD BELL CHECKED APPROVED DATE APPD	ASSEMBLY AND BOLT DETAILS CUSTOM OFFROAD ACCESSORIES TOYOTA LANDCRUISER LC300 BASH PLATES COMPONENT DETAILS ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SPECIFIED	SIZE A1 DRAWING No. NUMBER COA-196 REV. A CUSTOMER PROJECT CAD FILE COA-196-Toyota LC300 Assembly Instructions
	NOMINAL SIZE	UP TO 50	ABOVE 50 UP TO 150	ABOVE 150 UP TO 300	ABOVE 300 UP TO 1000		TITLE CUSTOM OFFROAD ACCESSORIES TOYOTA LANDCRUISER LC300 BASH PLATES COMPONENT DETAILS
	MACHINING	± 0.1	± 0.2	± 0.3	± 0.5		SCALE 1:3
	FABRICATION	± 0.5	± 0.5	± 0.5	± 1.0		DO NOT SCALE IF IN DOUBT ASK
	ASSEMBLIES	± 0.5	± 0.5	± 0.5	± 1.0		UNLESS OTHERWISE STATED UNTOLERANCED DIMENSIONS TO BE WITHIN THE LIMITS SHOWN DRAWN RICHARD BELL CHECKED APPROVED DATE APPD SCALE 1:3 DO NOT SCALE IF IN DOUBT ASK

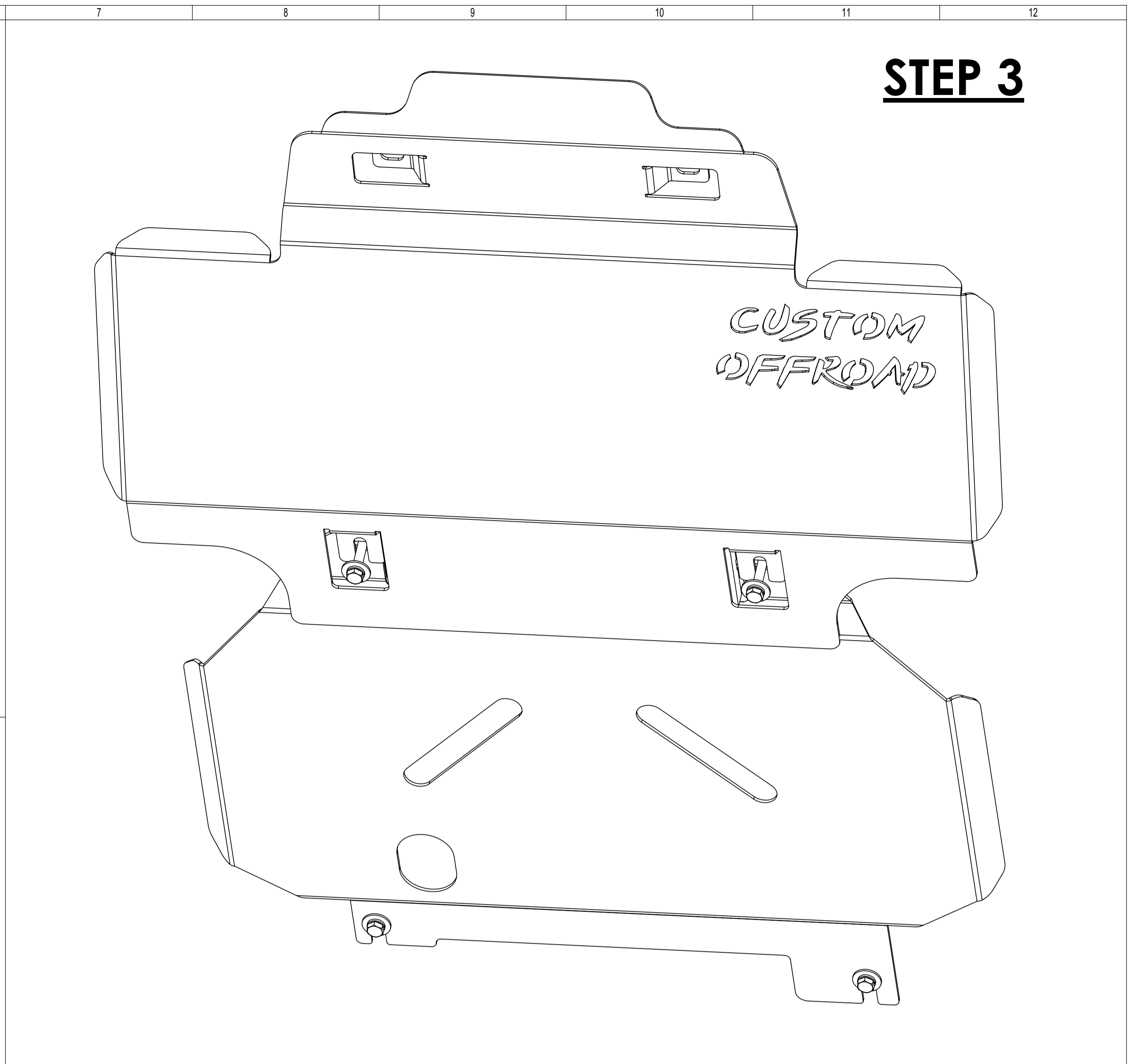
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STEP 1



STEP 2



STEP 3

ADDITIONAL DETAILS FOR FITTING FRONT, SUMP & SUPPORT BRACKET

1. LOOSELY SCREW IN TWO M8x30 BOLTS FOR THE REAR OF THE SUMP PLATE, AND THEN SLIDE THE REAR OF SUMP PLATE ONTO THE BOLTS,
2. SLIDE THE SUPPORT BRACKET IN AND LOOSELY SCREW IN M8x50 BOLTS. THE SUPPORT BRACKET WILL FIT BETWEEN THE CHASSIS AND THE SUMP PLATE, WITH THE CENTRE TONGUE OF THE SUMP PLATE STILL VISIBLE
3. WITH THE SUMP BOLTS STILL LOOSE, SLIDE THE REAR RECESSED TABS OF THE FRONT PLATE BETWEEN THE LOOSELY FITTED BOLTS AND THE SUMP PLATE, THEN LOOSELY SCREW BOLTS INTO THE FRONT OF THE FRONT PLATE. THE FRONT & SUMP WILL OVERLAP WHEN BOLTED UP TIGHT

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	NOMINAL SIZE	UP TO 50	ABOVE 50 UP TO 150	ABOVE 150 UP TO 300	ABOVE 300 UP TO 1000	ABOVE 1000		CHECKED	TITLE	CUSTOMER		
	MACHINING	± 0.1	± 0.2	± 0.3	± 0.5	± 1.0		APPROVED	PROJECT			
	FABRICATION	± 0.5	± 0.5	± 0.5	± 1.0	± 2.0		DATE APPD	CAD FILE COA-196-Toyota LC300 Assembly Instructions			
ASSEMBLIES	± 0.5	± 0.5	± 0.5	± 1.0	± 2.0	SCALE 1:2.5	DO NOT SCALE IF IN DOUBT ASK	ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SPECIFIED				

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