SV-R
Solid. Locked. Ready.

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DEFENDER TWIN BATTERY TRAY FITTING

Instructions

This battery tray fits into the battery box of all Defenders, it is also a universal fit for other applications and will take many different batteries up to 180mm wide, 200mm tall & 290mm in length. Made out of Aluminium and Stainless Steel.

Fitting Instructions

- Position the tray as far back as possible in the battery box, this gives more room in the front for wiring and battery isolators. Before fitting make sure your batteries fit as the seat box tapers backwards.
- Now you can drill 6 holes with an 8.5mm drill bit.
- Once all 6 holes are drilled fit the tray with 4 spacers in the two middle holes, and 2 outer holes - See Image 1.
- Before fitting the tray into the battery box fit the three threaded rods to the tray, these will need to be secured from underneath the tray with the M6 nuts.
- Now you can drop the tray into the battery box and bolt it into place.
- Use grease on fixing threads, this will prevent the fixings from seizing, or galling this is common with stainless steel fixings.

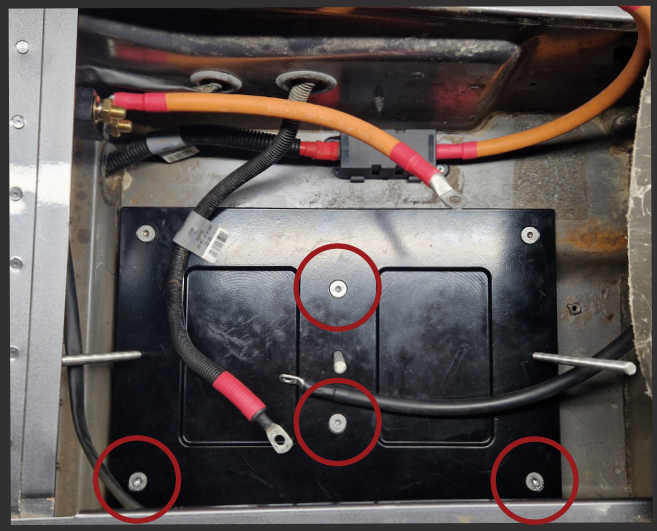


Image 1



Image 2

Phone

+44 (0) 1460 297355

Email

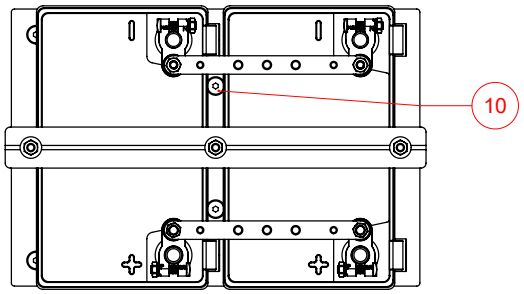
sales@red-winches.com

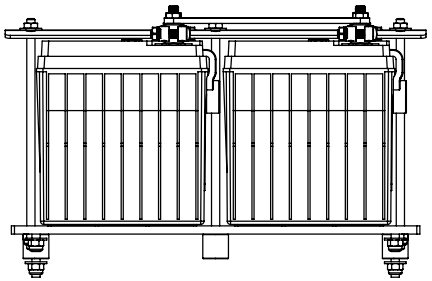
Website

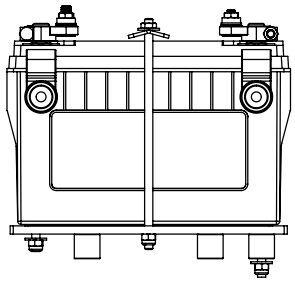
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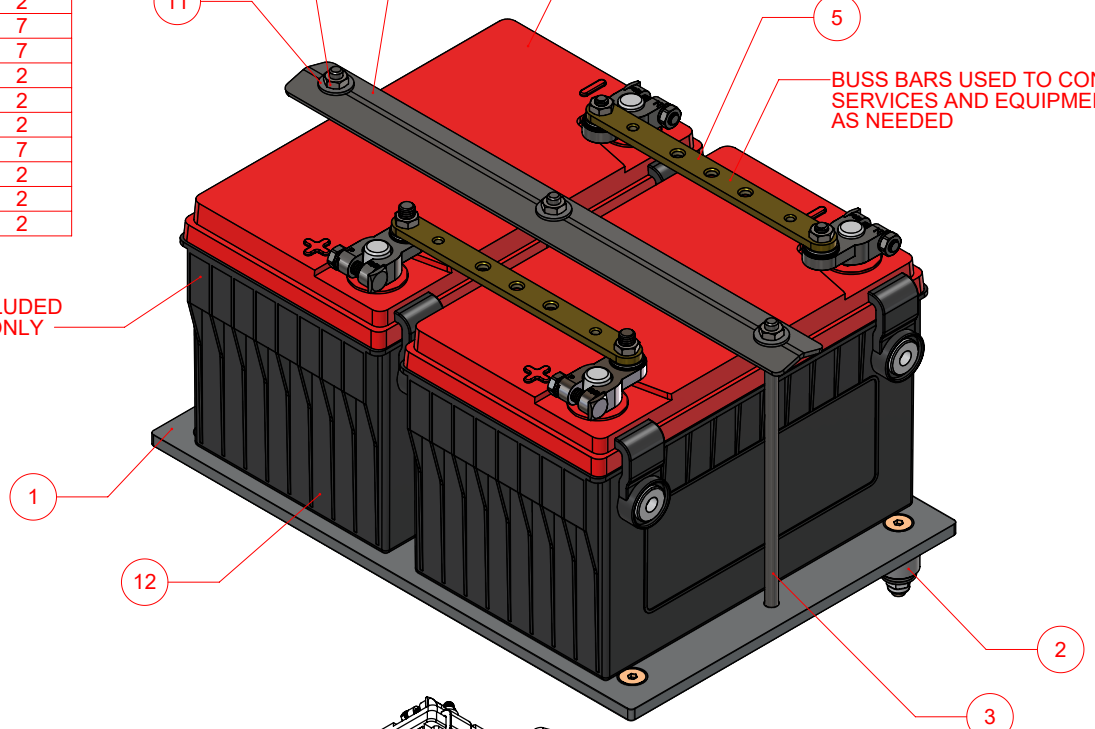
GENERAL TOLERANCES UNLESS SPECIFIED					UNLESS SPECIFIED IN CONTRACT ALL WELDS MUST BE PRODUCED BY QUALIFIED WELDERS TO BS EN287-1: 2004 - WELDING SYMBOLS TO BS499-2: 1980 UNLESS SPECIFIED ALL TOLERANCES SHOWN ARE AFTER FINISHING TREATMENTS / PROCESS ARE APPLIED	FLATNESS & SQUARE TOLERANCES:	M/C +/-0.2	FABRICATION: +/-1	REV.	DATE	DESCRIPTION	SIG
X +/-0.50	X.X +/-0.25	X.XX +/-0.1	X +/-1°	X.X +/-0.5°					A	09/06/2025	FIRST ISSUE	RD

ITEM NO.	PART / DRG NUMBER	DESCRIPTION	QTY.
1	DBF-MD-10	BATTERY TRAY - DEFENDER	1
2	DBF-MD-11	SPACER	4
3	DBF-MD-12	M8 STUD	3
4	DBF-MD-13	CLAMP PLATE	1
5	DBF-MD-14	BUSS BAR	2
6	M8	SELF LOCKING NUT	7
7	LOCKNUT	M8	7
8	M8 x 25	M8 x 25 C/SNK SKT HD	2
9	M8 x 50	M8 x 50 C/SNK SKT HD	2
10	M8 x 20	M8 x 20 C/SNK SKT HD	2
11	M8 FORM C	WASHER	7
12	PC1500	ODYSSEY, 12V, (ODX-AGM34R)	2
13	BT-NEG	BATTERY TERMINAL NEGATIVE	2
14	BT-POS	BATTERY TERMINAL POSITIVE	2





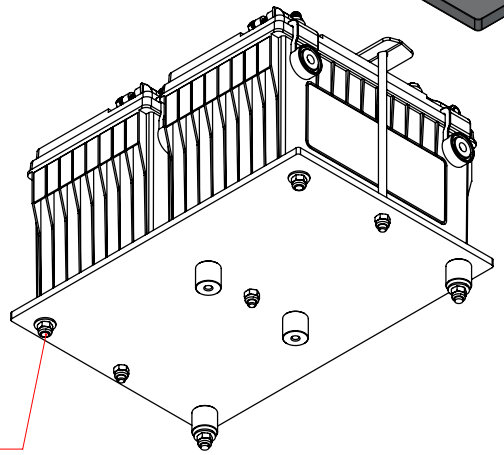




DESIGNED FOR BATTERY SIZE
LENGTH: 275mm - 290mm
WIDTH: 171mm - 180mm
HEIGHT: 190mm - 200mm

BUSS BARS USED TO CONNECT SERVICES AND EQUIPMENT AS NEEDED

BATTERY NOT INCLUDED
SHOWN FOR REF ONLY



BOLTS THROUGH VECHICLE FLOOR NO SPACER

TERMINAL CLAMPS, AND ALL FASTENERS INCLUDED.

REDSTART//DESIGN www.redstart-design.com	A3	DRAWN NJ / CL	CHECKED CL / NJ	DATE 09/06/2025
PROJECT REF:	WEIGHT (kg): 50			PART TYPE:

DRAWING DESCRIPTION: REDSTART ASSEMBLY

MATERIAL: SEE DETAIL DRAWINGS

FINISH: SEE DETAIL DRAWINGS

DRAWING NUMBER:	SCALE	REVISION	SHT / OF
DBF-MA-03	1:5	A	1 / 1

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