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Fitting Instructions for Defender Seat Base Aluminum Battery Box

Part Nr. PLS340A

Fits: Defender all models 1984–2016.

This battery box fits on the Left
Hand Side.

READ ALL INSTRUCTIONS COMPLETELY BEFORE BEGINNING!

Suggested Tools:

- Safety Glasses
 - Rivet Gun
 - Marker, Pencil or Pen
 - Center Punch
 - Hammer
 - Drill Bit, 3/16" (4.76mm)
 - Drill
 - Paintable Silicone Sealant
- or
- Paintable Body Seam Sealer



Description

A great upgrade for any Defender. These battery boxes are made from 2mm thick aluminium and are supplied as four pieces to make fitment simple. They have been updated to match the current Land Rover design being slightly deeper. Shown upside down for illustrative purposes. Made in the UK.



Safety Glasses



Body Seam Sealer



Silicone Sealant



Pop Rivet Gun



Marker, Pencil
or Pen



Center
Punch



Hammer



Metal Drill Bit
3/16" (4.76mm)

Drill

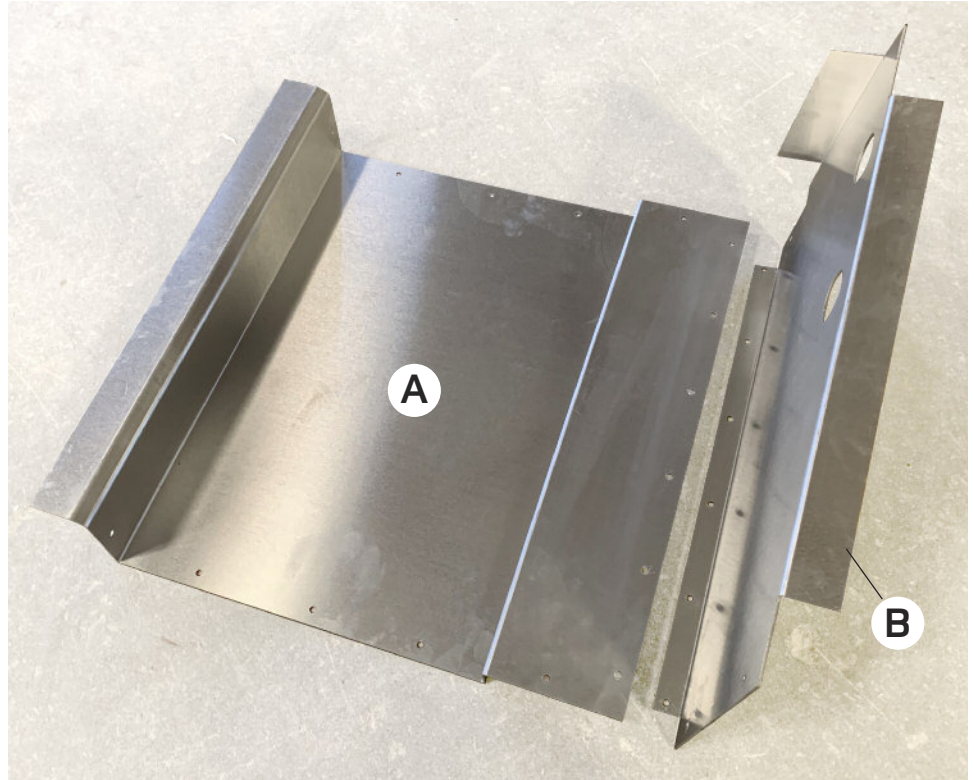
Fitting Instructions for Defender Seat Base Aluminum Battery Box

Directions

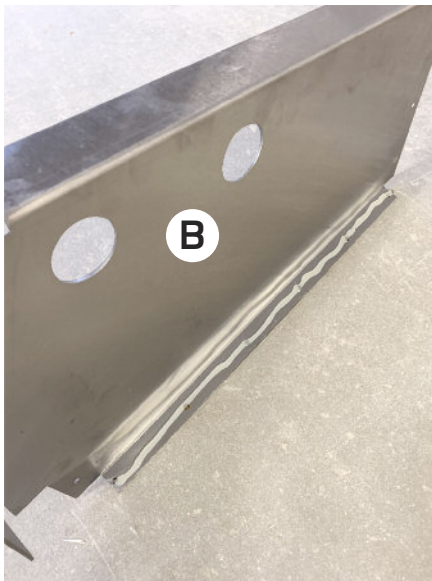
Assembling the battery box.

Step 1. Locate panel A (bottom pan) and panel B (inside wall) and position them as pictured. Line up the 6 holes on the flat edges of the panels, paying attention to the orientation. [Fig. 1]

Step 2. On panel B, put a bead of high-temperature RTV silicone down the middle of the bent over tab with 6 holes as shown below. [Fig. 2]

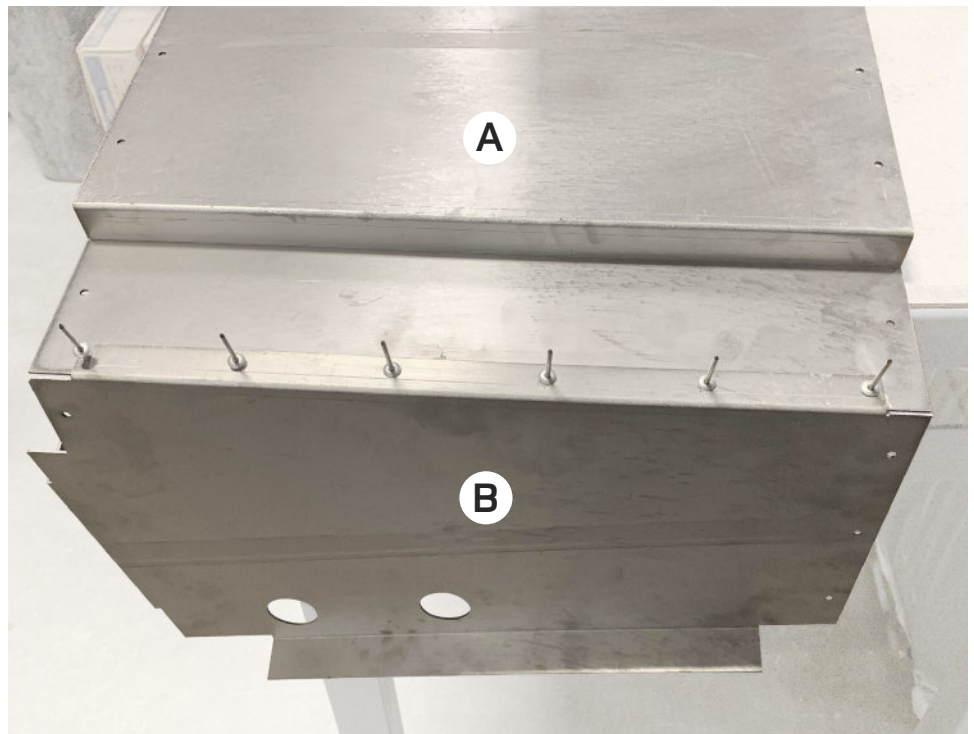


[Fig. 1]



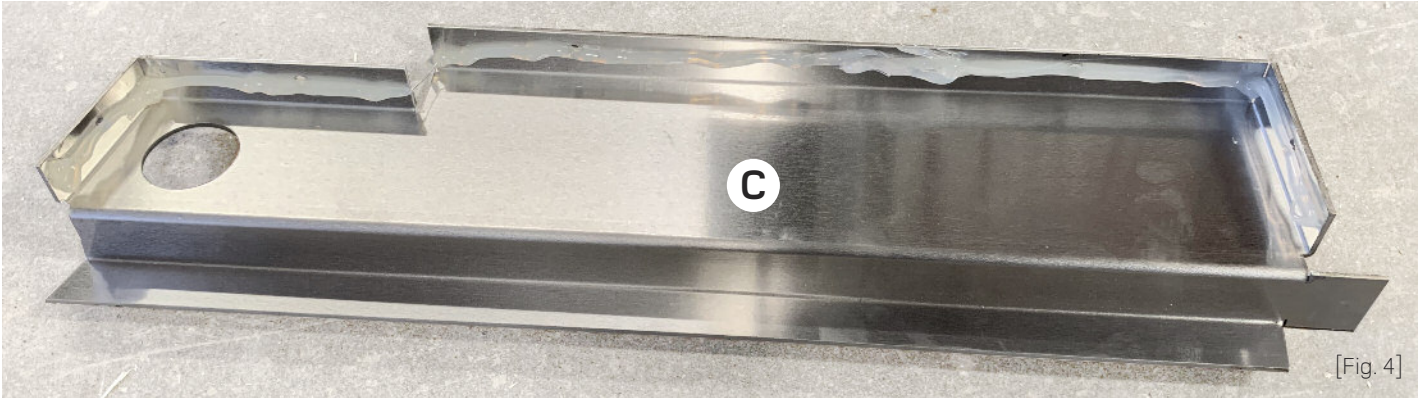
[Fig. 2]

Step 3. Assemble as shown. Locate all 6 rivets before popping them in place. [Fig. 3]



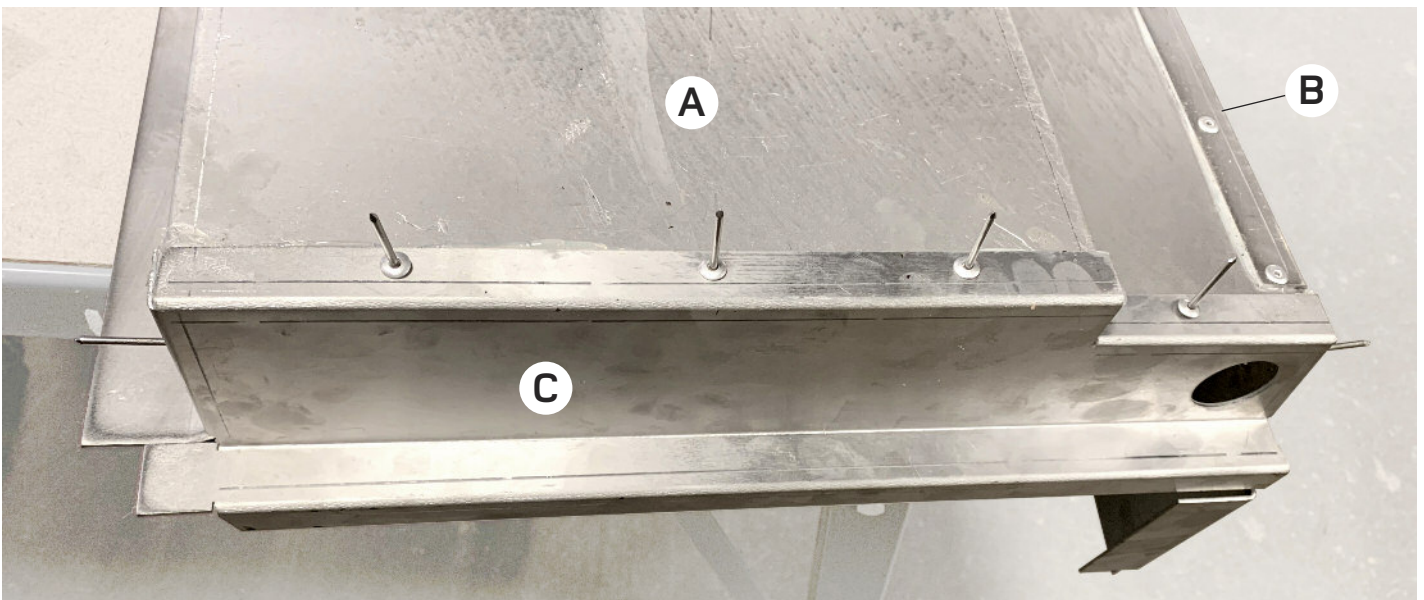
[Fig. 3]

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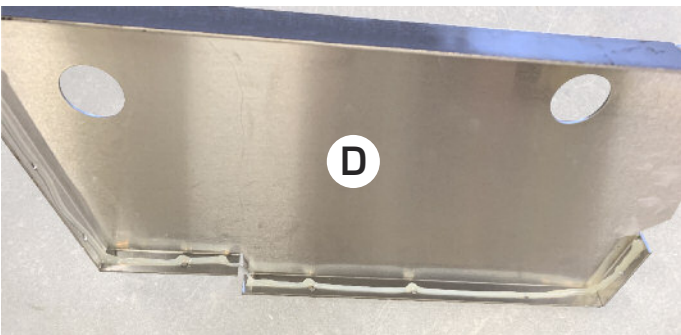
[Fig. 4]

Step 4. Locate panel C (short front panel). Put a bead of silicone on the inside tabs as shown (only the ones with holes drilled in them). [Fig. 4]



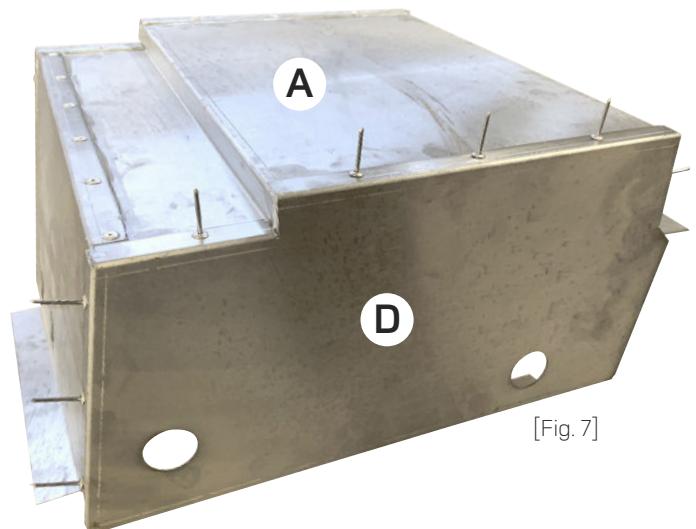
[Fig. 5]

Step 5. Position panel C. Locate all 6 rivets before popping them in place. [Fig. 5]



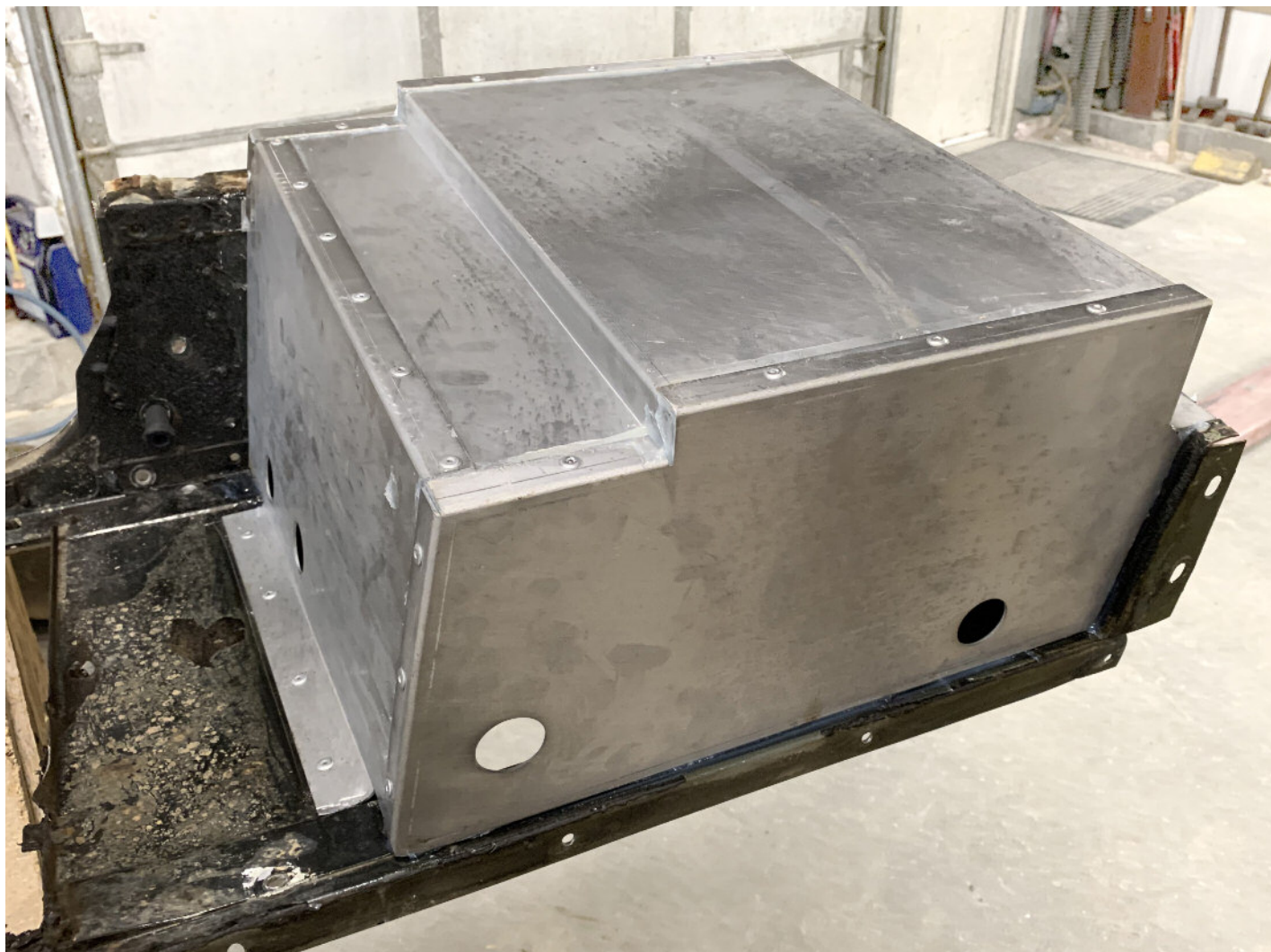
[Fig. 6]

Step 6. Locate panel D (taller rear panel). Put a bead of silicone on the inside tabs as shown (again, only the tabs with holes drilled in them). [Fig. 6]



[Fig. 7]

Step 7. Position panel D. Locate all 8 rivets before popping them in place. [Fig. 7]

Fitting Instructions for Defender Seat Base Aluminum Battery Box

[Fig. 8]

Installing the battery box.

Step 1. Place the seat box upside down on sawhorses or a workbench. Remove the old battery box and prepare the surface. Removing any corrosion, dirt, etc. Paint as desired. [Fig. 8]

Step 2. Position the assembled battery box into the upside down seat box. Find the fitment that yields the smallest gaps all around and is the tightest where the short front panel (C) meets the seat box.

Step 3. On the short front battery box wall (panel C), use a punch to mark the existing outer 2 holes in the seat box. Drill these 2 holes into the battery box.

Step 4. Remove the battery box from the seat box. Apply a healthy bead of silicone to all surfaces where the battery box and seat box will mate.

Step 5. Carefully relocate the battery box. Locate 2 rivets in the freshly drilled holes and pop them in place.

Step 6. Drill and rivet the corners of the inside wall (panel B). These may not line up with the old holes in the seat box, drill through both pieces of metal if necessary.

Step 7. Flip the seat box over, being careful not to let the partially affixed battery box hang unsupported. Drill the corners of battery box rear wall (panel D) to match the existing holes in the seat box and rivet together.

Step 8. With the corners riveted, finish drilling all the holes in the rear wall of the battery box to match the seat box. Locate and pop all these rivets.

Step 9. Flip over the seat box. With the seat box upside down again, drill and install the remaining rivets to firmly secure all panels. Note there are no rivets on the outside panel as this is held together with the bolts that locate the seat box.