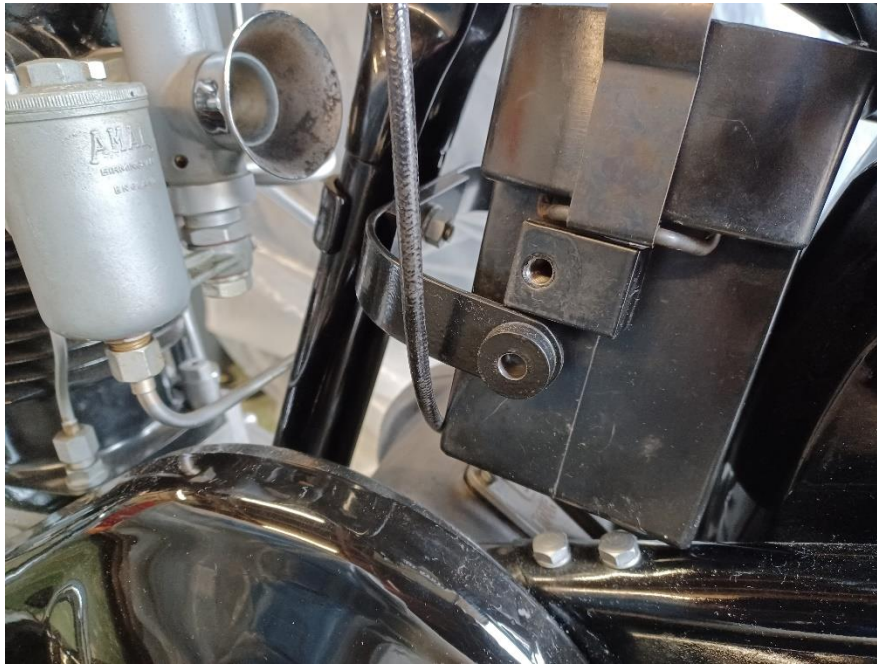


Blue Star Battery Holder

1. Two general arrangement shots. The side supports and main bracket are 1" by 1/8" black mild steel strip. The left hand strap is 5.375" between centres with an offset of 0.4375". The right hand strip is 5.125" between centres with an offset of 0.156".



2. The main bracket.



The bracket is 6.25" wide across the outer edges and 2.75" from the outer edge to the centre of the block mounting hole. I silver soldered two 0.75" diameter by 0.25" bosses to the block mounting holes because the battery top clips fouled the side struts. I reinforced the bracket in the middle by silver soldering a 0.25" wide strip. The mounting hole to the frame "w" bracket is offset at 3" from the outside of the left hand bracket arm. This is so the battery clears the chain case.

The steel blocks are 0.875" deep, 1.250" wide and 1" high. They have two 0.3125" BSCY holes drilled at 0.750" centres. One across and one vertical to go through the step in the battery box. The vertical hole is mounted centrally within the depth of the block.

In retrospect, I could have made the blocks slightly deeper and offset the vertical hole. The spacers could be eliminated and the width of the made bracket could have been wider accordingly so it matched the picture in the parts book better.