

## J2 TECHNICAL ARTICLE

Number 151

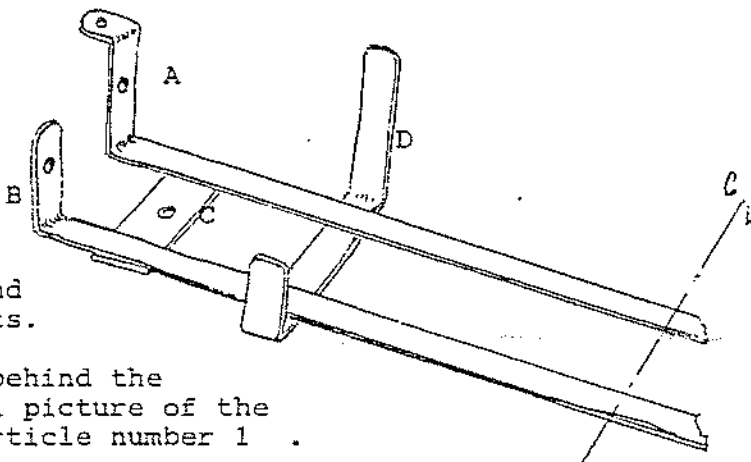
March 11, 1983

From Octagon Heaven

### THE BATTERY CARRAGE

The Battery Carrier is made of of six pieces. One each of parts "A" and "B" and two each of parts "C" and "D" make up the six parts.

The unit is positioned behind the rear axle and there is a picture of the assemble in technical article number 1 .



The pieces are riveted together. Parts "A" and "B" are bolted to the chassis rails through the holes in the verticle ends. Part "A" (which is the front piece) has a tab at the top which becomes the rear body mount. Part "C" is located just inside of the chassis rails and while functioning as a tie of the two pieces it also serves as the batter hold down. The hole in the center is for the battery hold down bolt. Part "D" also ties the two pieces together but also functions as the front and rear rack to keep the battery in position.

All material is made of 1/8 inch thick stock. Parts "A", "B", & "D" are all 1" wide. Part "C" is 1½ wide by 4" long which gives the distance of part "A" and "B". (4" less 1" + 1" or 2" distance opening).

The inside clearence of part "D" is 5 3/8". Part "D" sticks foward from part "A" only 1/4" and out behind part "B" by 1 1/8". The center of part "D" is 5" inside of the inside verticle edge of part "A" & "B". Part "D" sticks up 2 3/4" in front and 1 3/4" in the rear. The inside area from "A" or "B" from vertical to vertical is 22 3/8" but the key is that the parts should fit tight against the outside of the rails.

The holes drilled on the vertical parts of "A" and "B" should be so that the assembly holds the battery 3/4" below the bottom of the chassis.

The tab on part "A" is bent out even with the top of the chassis. The hole is 1/2" out from the edge of the chassis and the the outside of the tab is 1 1/2" out from the edge.

Now that is maybe all confusing, but if you sort it all out it will equal a original battery carriage.