

Safety Bulletin 070595RB

Date: Wednesday, July 05, 1995

Re: Rebel Seat Bracing

Information:

Early in production of the Rebel, modifications were made to the standard Rebel seat back in order to ensure that the seat back exceeds strength requirements. It was intended that all owners of the older model seats would be sent the necessary parts to modify their seat to bring them up to the newer specification. Unfortunately it appears that not all owners are using the upgraded seat.

The early model of the seat back was braced by two welded gusset plates which also attached the seat back to the hinge bolt. (See photo# 1) Early models also had the aluminum skin riveted to the front of the frame rather than the back. This puts holes in the front of the tube which is under tension during load, therefore risking cracking or eventual failure. It is possible for this version of the seat back to fail in bending, especially depending on where holes are drilled in the tubes to attach the aluminum skin.

The newer seat back replaces the gusset plates with two square tubes welded diagonally. The aluminum skin is riveted to the back side of the frame. This seat back is stronger and not susceptible to breakage or bending under high stresses.

Recommendations:

If Rebel owners still have the older version of the seat back. It should be modified to bring it to present specifications as shown in the attached photo. (See photo# 2) The modification is a relatively simple one including only a very few parts and the use of a TIG welder. These parts are available from the factory free of charge, for any builder who still has the old seat back. Please contact our shipping department if you require these parts and instructions.

Rebel owners also have the option of purchasing the new High Back for the seat which has recently been developed for use in the upcoming SR2500. (See photo# 3) The seat is extremely strong and of similar design to that of the updated Rebel seat, but also offers a high back for additional comfort and support. If you are interested in purchasing a high back seat, please contact our sales department.



Photo #1 Old Seat Back



Photo #2 New Seat Back Brace



Photo #3 High Back (left) and Low Back (right)