

This Procedure was developed for a typical AutoFlood II and may not be applicable to all AutoFlood II. Please consult your original drawings or contact Freightcar America, Inc. for details.

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BILL OF MATERIAL

Per Location

- (1)..... 00000-000 Intermediate Side Stake
- (1)..... 00000-000 Wear Bar
- (1)..... 5083-H321 Aluminum Sheet min. .150”X9”X8’-0”
- (28)..... 5/8” dia. Una-drive bolts w/flanged lock nuts

Procedure assumes fasteners have pulled through the stake & side sheet. Amount of damage to side sheet must be accessed prior to start of procedure.

Repair Procedure

- 1). Remove the #2, 4, 6, 8, or 10 (counting from bolster stake) interior side stake and scrap. During removal take all precautions to prevent damage to the side sheet.
- 2). Remove the ragged edges of the tears in the side sheet by cutting. This cut should be in an oval or circular pattern, and do not remove more than what is necessary.
- 3). The edges of the hole(s) cut in step 2). should then be ground smooth to insure they are free of all burrs and sharp edges.
- 4). On the interior of the side sheet, overlay a piece of aluminum sheet so as it can be fastened to the existing fastener holes for the removed side stake. This overlay aluminum sheet should be a minimum .150" thick, 9" wide, and 8'-0" in length. Using the existing holes in the side sheet as a template, drill the holes in the overlay piece of aluminum.
- 5). The new interior side stake, side sheet and overlaid piece of aluminum can then be fastened at all the fastener holes in the leg of the stake without the wear bar, and all the holes in the leg with the wear bar except those required to fasten the wear bar to the car side (from bottom the 2nd, 6th, 9th, 13th holes).
- 6). Aluminum spacer(s), .180" thick, and patterned to the size of the hole(s) cut in the side sheet should be placed in the hole(s) cut in step 2). These will serve as spacers when applying the wear bar.
- 7). Fasten the new extruded side wear bar to the side sheet and through the flange on the side stake.

Note: The use of Una-Drive bolts with the flanged lock nut placed at the interior should be used in this application.