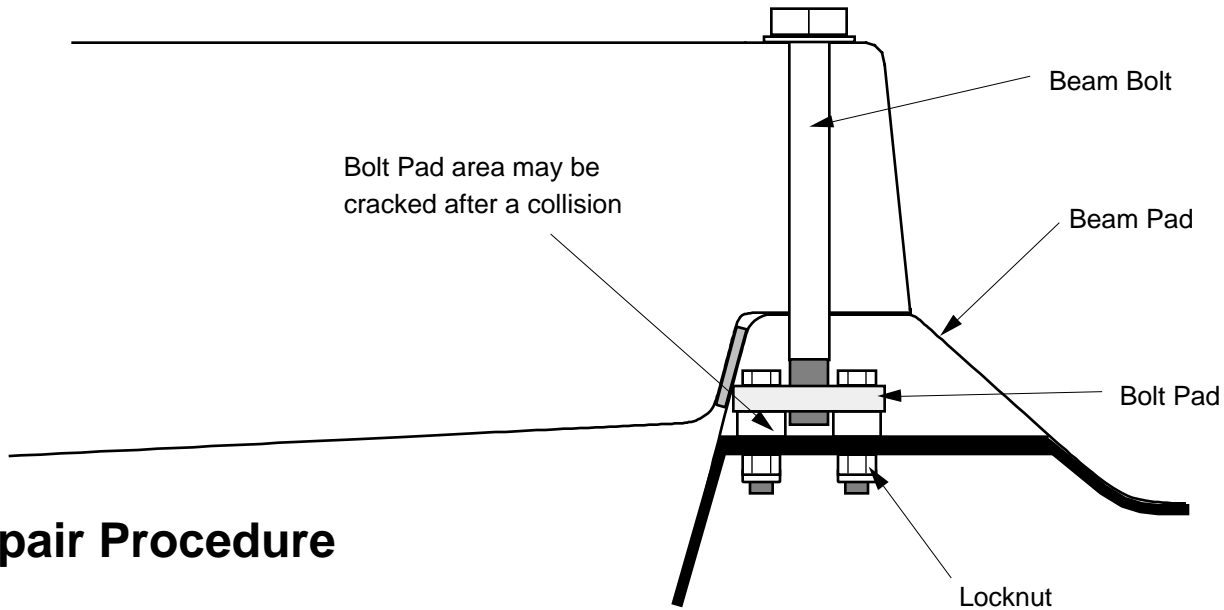


F-31 BOLT PAD REPAIR PROCEDURE

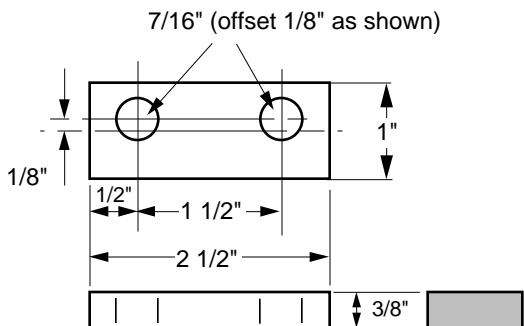
For use if Bolt Pad area has been damaged which can occur as a result of a fore and aft collision on a float bow. Beam Bolt and Bolt Pad are only lightly loaded during sailing, but a float bow impact can drive forward beam inward which then tends to rise up on Beam Pad and this can overload Beam Bolt Pad.



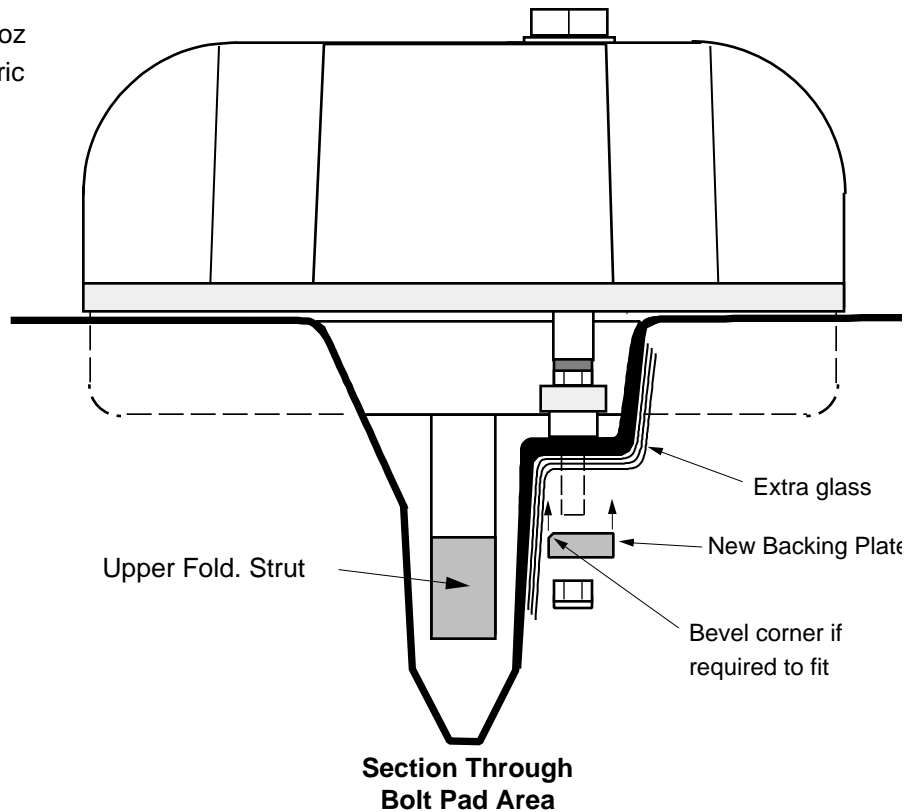
Repair Procedure

1. Remove bolt pad
2. Re-glass inside with min. three layers of a 12oz (400gm) glass fabric, or four layers of a 9oz fabric (total combined fabric weight to be 36oz)
3. Make up a new aluminum backing plate as shown below, to spread load over a wider area.
4. Gelcoat repair exterior and then refit bolt pad with backing plate inside. If necessary, bed backing plate on a resin/filler putty mixture to spread load evenly. Longer bolts may also be necessary

There is not much room inside so it may not be possible to use washers under the lock nut.



Backing Plate
(from Al. rect. bar)



Note: If Bolt Pad area has been extensively damaged, or pad is completely pulled out, then surrounding area will require cutting out and being completely rebuilt