

Block assembly glassed to hull. Care taken to protect threads. To glass here are the steps I used:

1. Attach chain plate. to block use washers as a stand-off to represent glass thickness.
2. Custom fit block to approximate shap of hull.
3. Insert block with chain plate attached. Tab in sides and back side of block as a start. (I used regular fiberglass not epoxy) Use braces to hold in place.
4. Build up glass - chopped mat was used - until glass is just abve flush to the slot in the deck. The last t layer I used woven fabric mat - looks better. Must protect threads! Used teflon tape.
5. When glass work in done, painted area.
6. Before chain plates are attached, figure out how much of the carriage bolt threads need to be cut off. I put chainplate on a bolt, used a flat and split washers tightened nut the cut with a few threads exposed. After cut measure length and cut rest.
7. Insert chain plate and bolt. May have used some bedding compound to smooth interface.
8. Set chainplate covers in bedding compound.

Best part of this design is you can inspect chainplates from inside. Won't leak. Can replace if needed.

Deck

1/8 x 1 Stainless Chain Plate.
Mid and aft 10" forward 8".

1/4 - 20 bronze carriage head bolt.
Block counter bored for heads.
Bolts heads also set in epoxy.

1 1/2" Mahogany block fit
to match hull. Block to be
glassed to hull later (bolts are
attached). Made so there was
about 1/4" from block face to
the chain plate deck slot (this
area to be built up with glass to
make flush to slot).

Hull

