



Technical Service Bulletin 24

S22 Bow Safety Rails

Revision 2

October 30, 2000

Danger

Bow Safety Rail MUST be installed on any Epic S22 equipped with a Bow Filler Cushion.

Failure to install Safety Rails may lead to serious injury or death.

Parts Needed

S22 Bow Rails – Qty 2 - MRA0011636

Qty 6 - 3/8th washers – MFSY200441

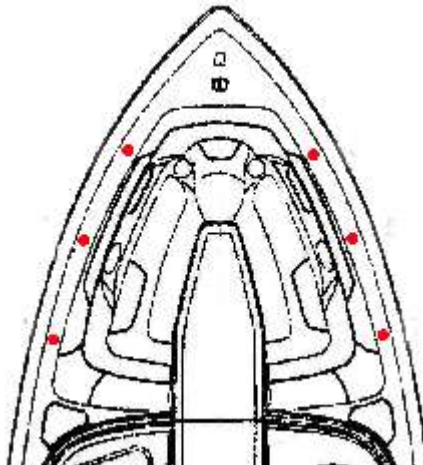
Qty 6 - 5/16th nylok nuts – MFSY200456

Tools Needed

Drill	3/8 th drill bit	Ratchet
5/16 th socket	Philips screwdriver	Grease pen

WARNING

Always be sure to wear OSHA approved eye protection when using a drill or other rotary tools as these have the potential to throw debris into the air.



Procedure

Step 1 – Mark Rail Position

Starting from the center of the bow measure back and mark lines at 37” on both port and starboard sides of the boat using a grease pen.

These lines will mark where the rails should be installed around the open bow. Next, center each stainless steel rail on the gelcoated rail and mark on your previously drawn lines. These marks are where you will install the safety rails.

Step 2 – Drilling Rail Holes

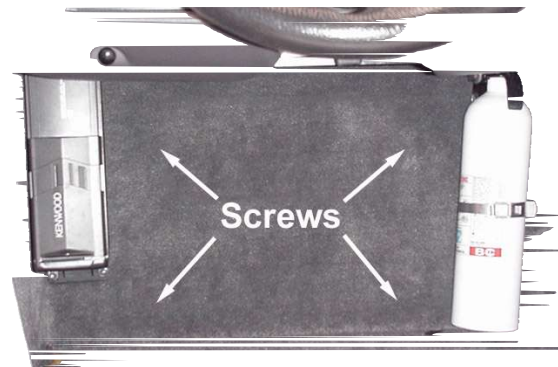
Drill the holes for the safety rails using a 3/8th drill bit. After drilling the holes use a dremel with a grinding bit to bevel the edge of the holes to prevent the gelcoat from cracking when the rails are tightened.

Step 3 – Clean up

Clean any fiberglass or gelcoat dust from the holes. Also remove any grease pen mark before installing the safety rails.

Step 4 – Prepare to Install Rails

First, remove the bow speakers and set them aside. Next, remove the drivers side kick panel assembly by removing the four screws fastening the kick panel to it's support structure. Finally, remove any articles that may be stored in the bow storage compartment.



Step 5 – Installing the Rails

After placing the safety rails into the holes drilled in Step 2 you can reach the two forward supports by way of the bow speaker holes. On each support install a washer and 5/16th nylok nut.

The aft, starboard rail support can only be reached by way of the driver's seat area. It may be necessary to remove the bulkhead between the driver's kick panel and the bow seats. The aft, port rail support is reachable by way of the bow storage compartment



Step 6 – Clean Up

The last step is to reinstall the driver's kick panel and the bow speakers that were removed in Step 3.