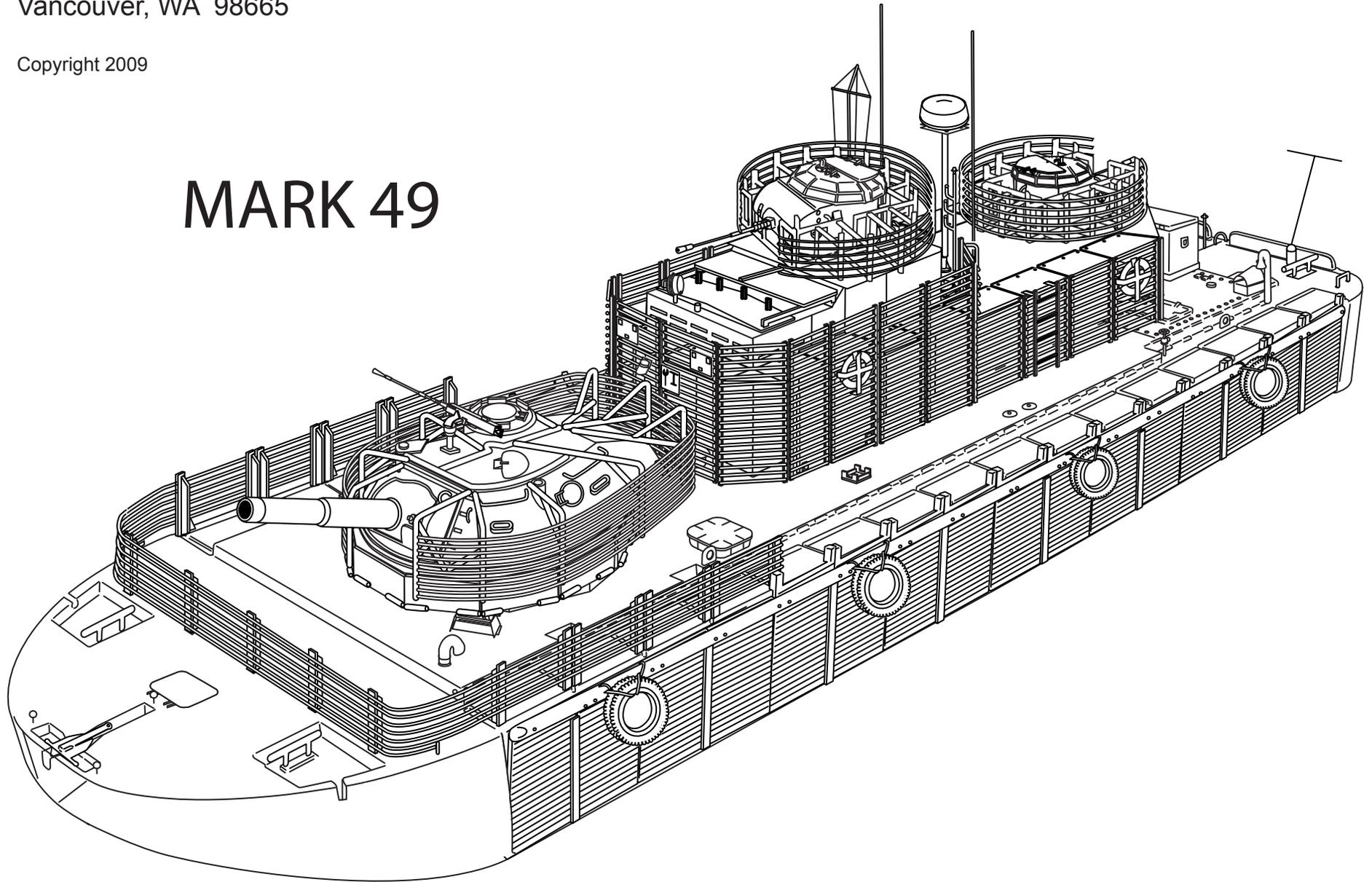


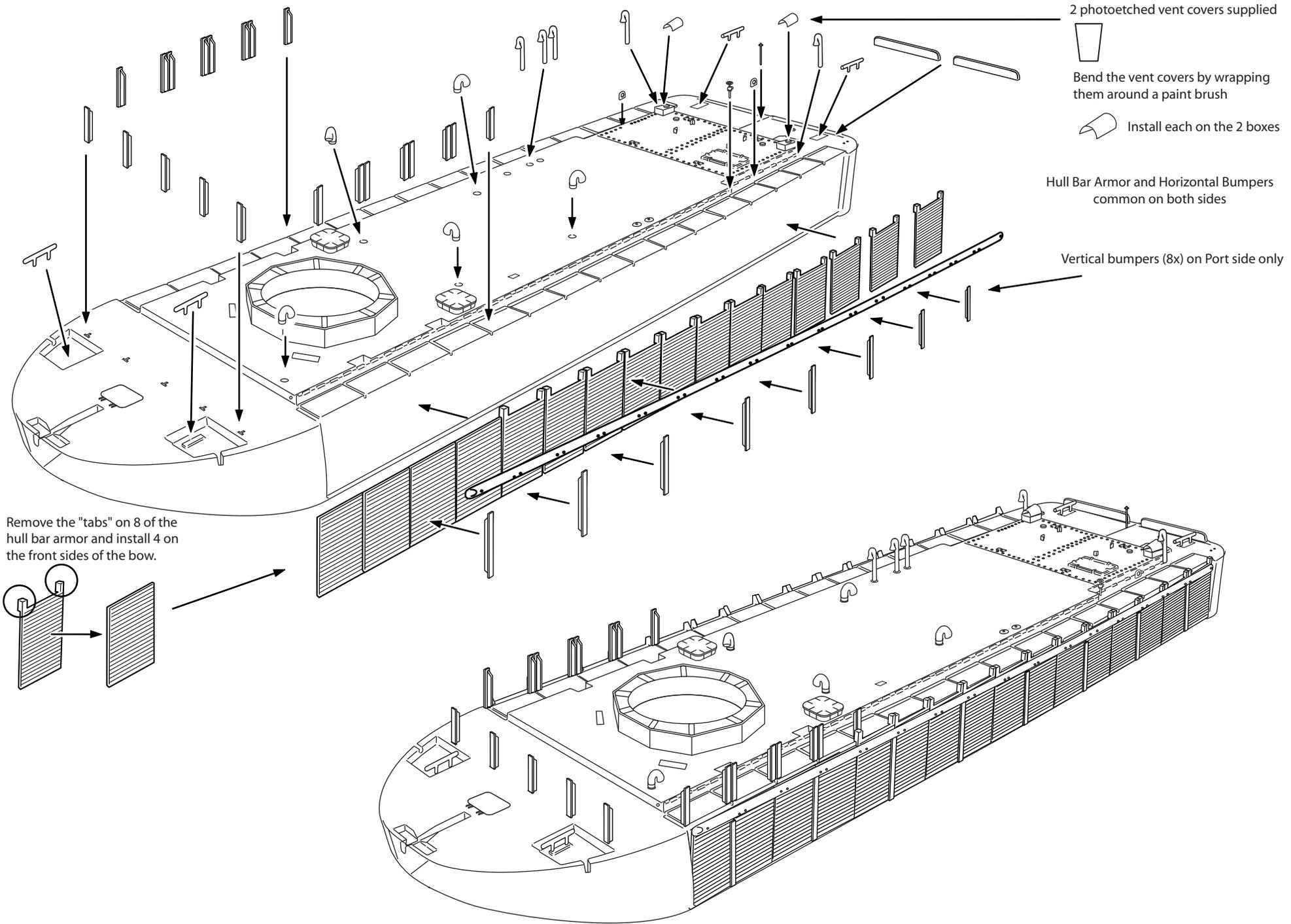
Masterpiece Models

7907 N.E. St. Johns Rd.  
Vancouver, WA 98665

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# MARK 49





2 photoetched vent covers supplied



Bend the vent covers by wrapping them around a paint brush

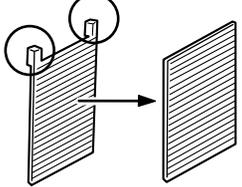


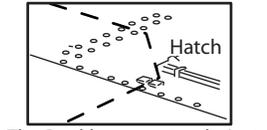
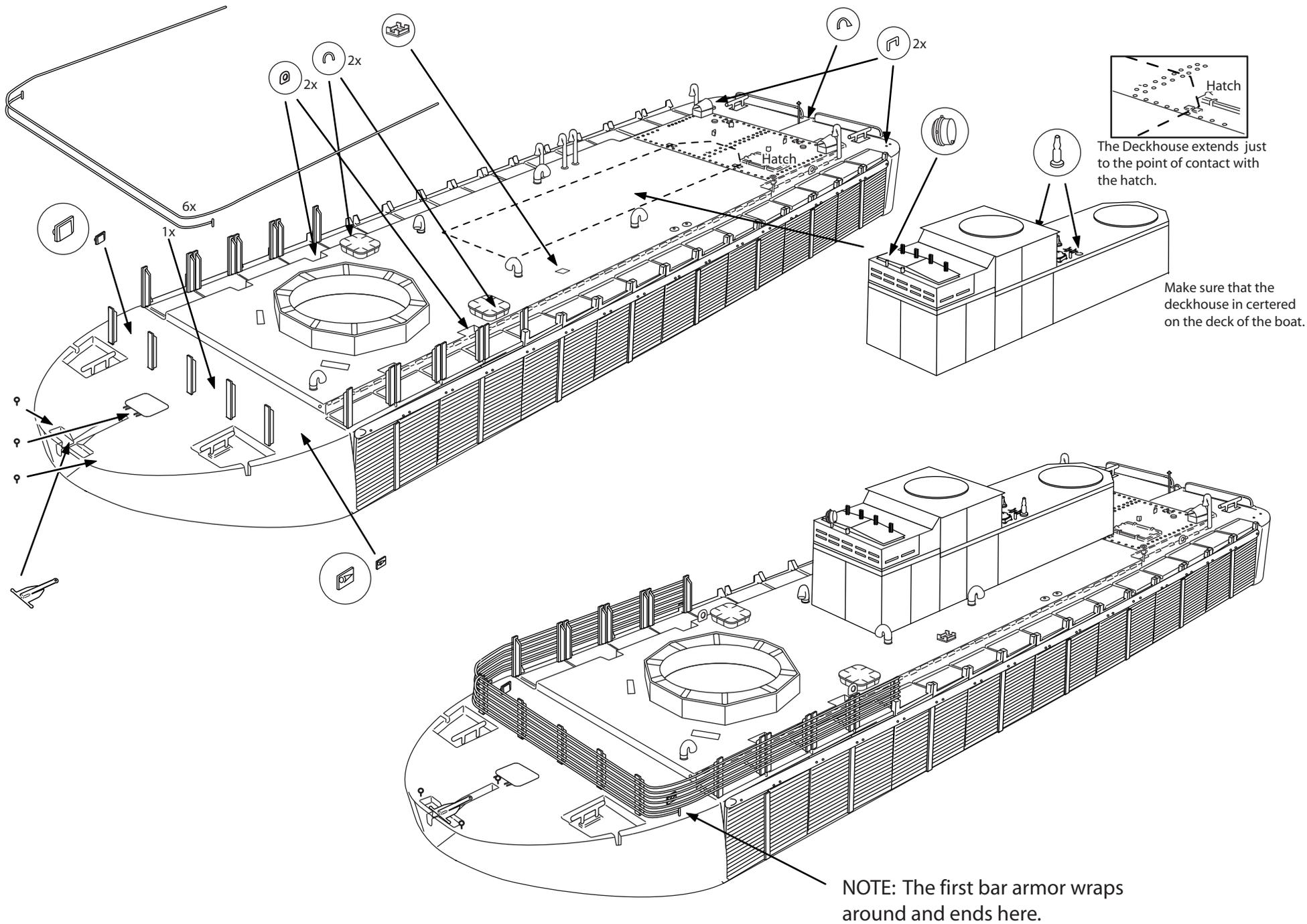
Install each on the 2 boxes

Hull Bar Armor and Horizontal Bumpers common on both sides

Vertical bumpers (8x) on Port side only

Remove the "tabs" on 8 of the hull bar armor and install 4 on the front sides of the bow.

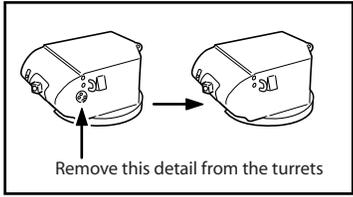




The Deckhouse extends just to the point of contact with the hatch.

Make sure that the deckhouse is centered on the deck of the boat.

NOTE: The first bar armor wraps around and ends here.



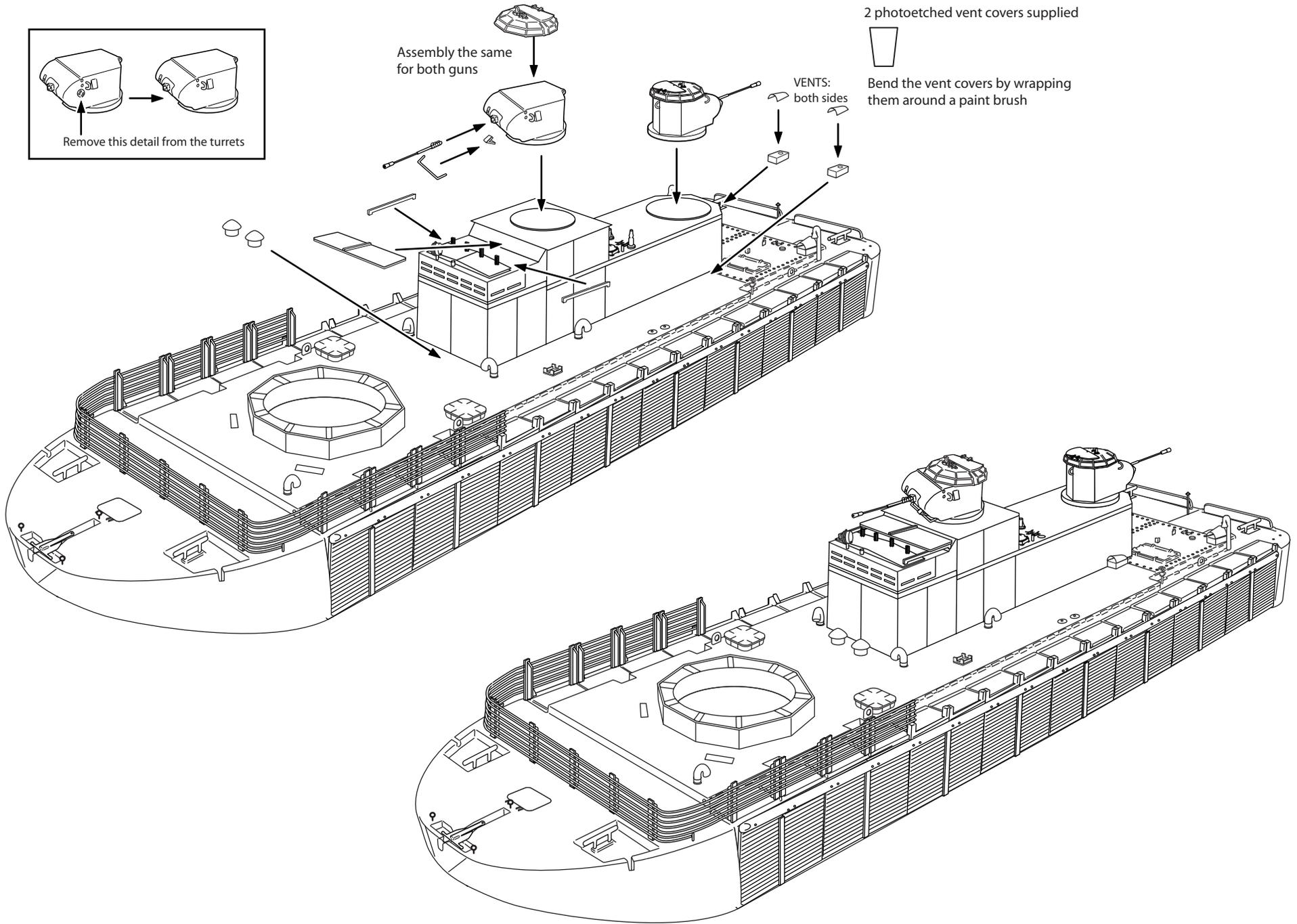
Assembly the same for both guns

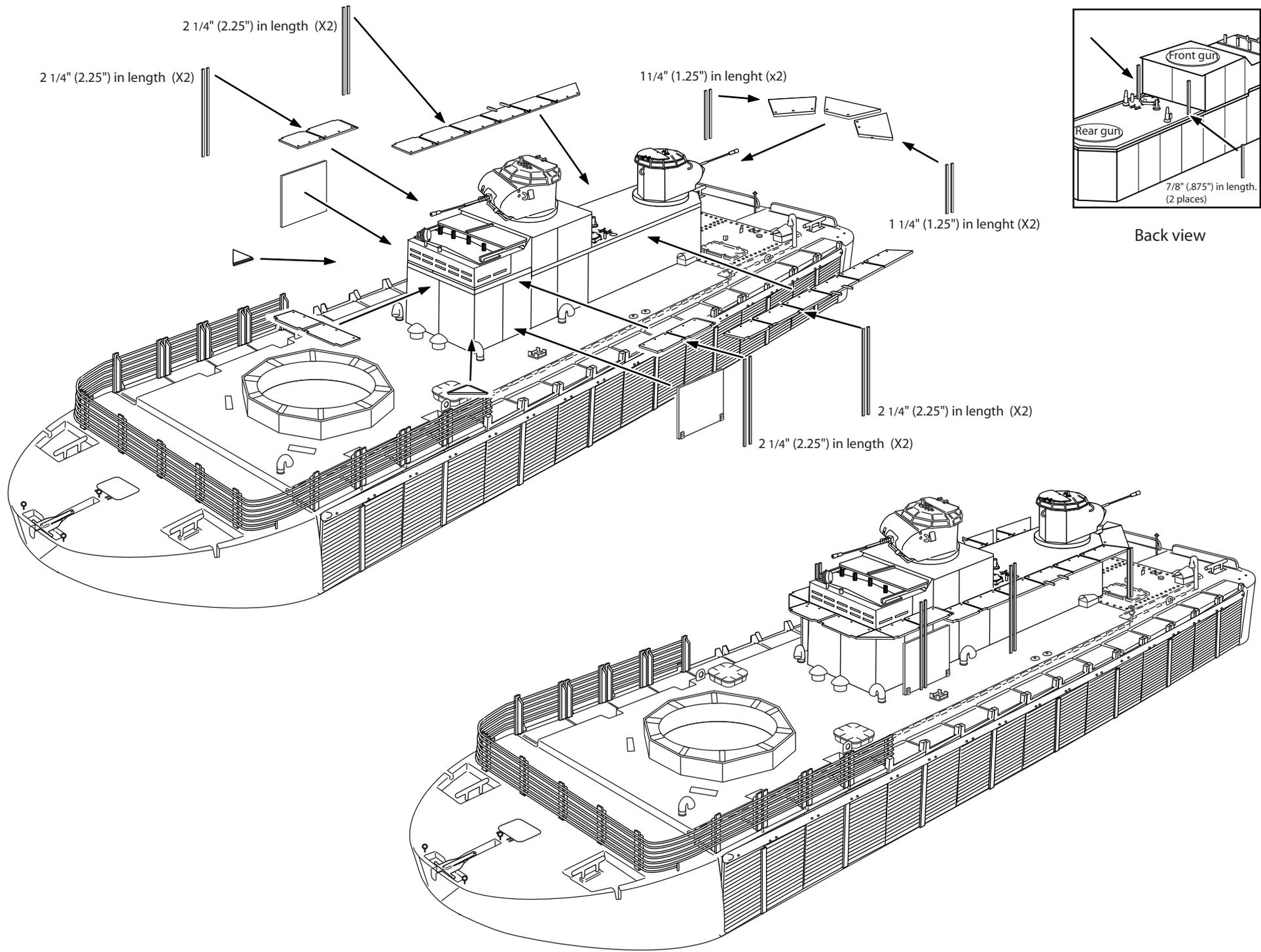
2 photoetched vent covers supplied

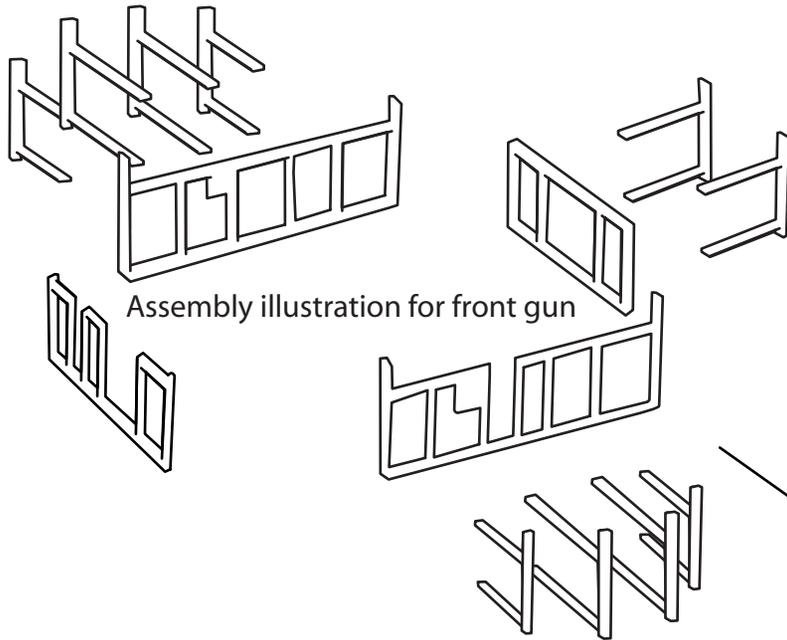


Bend the vent covers by wrapping them around a paint brush

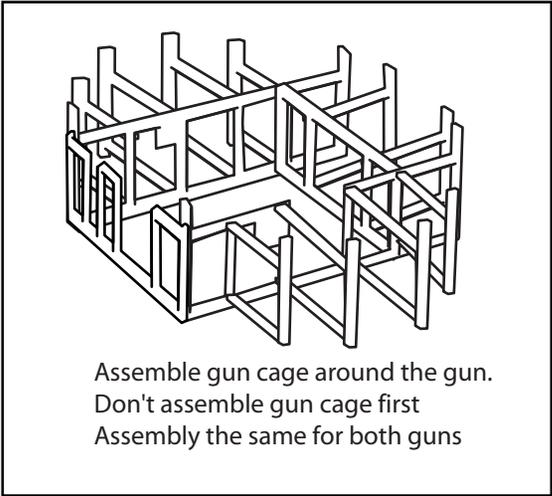
VENTS:  
both sides





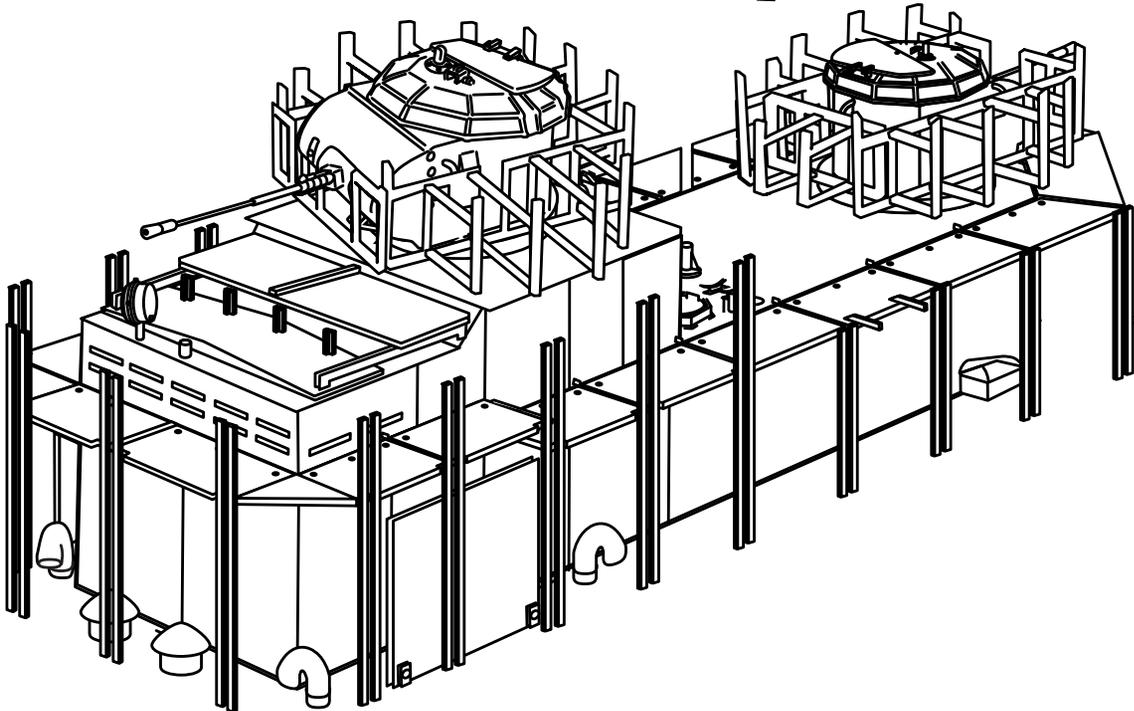
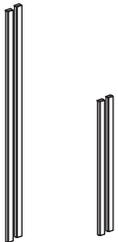


Assembly illustration for front gun

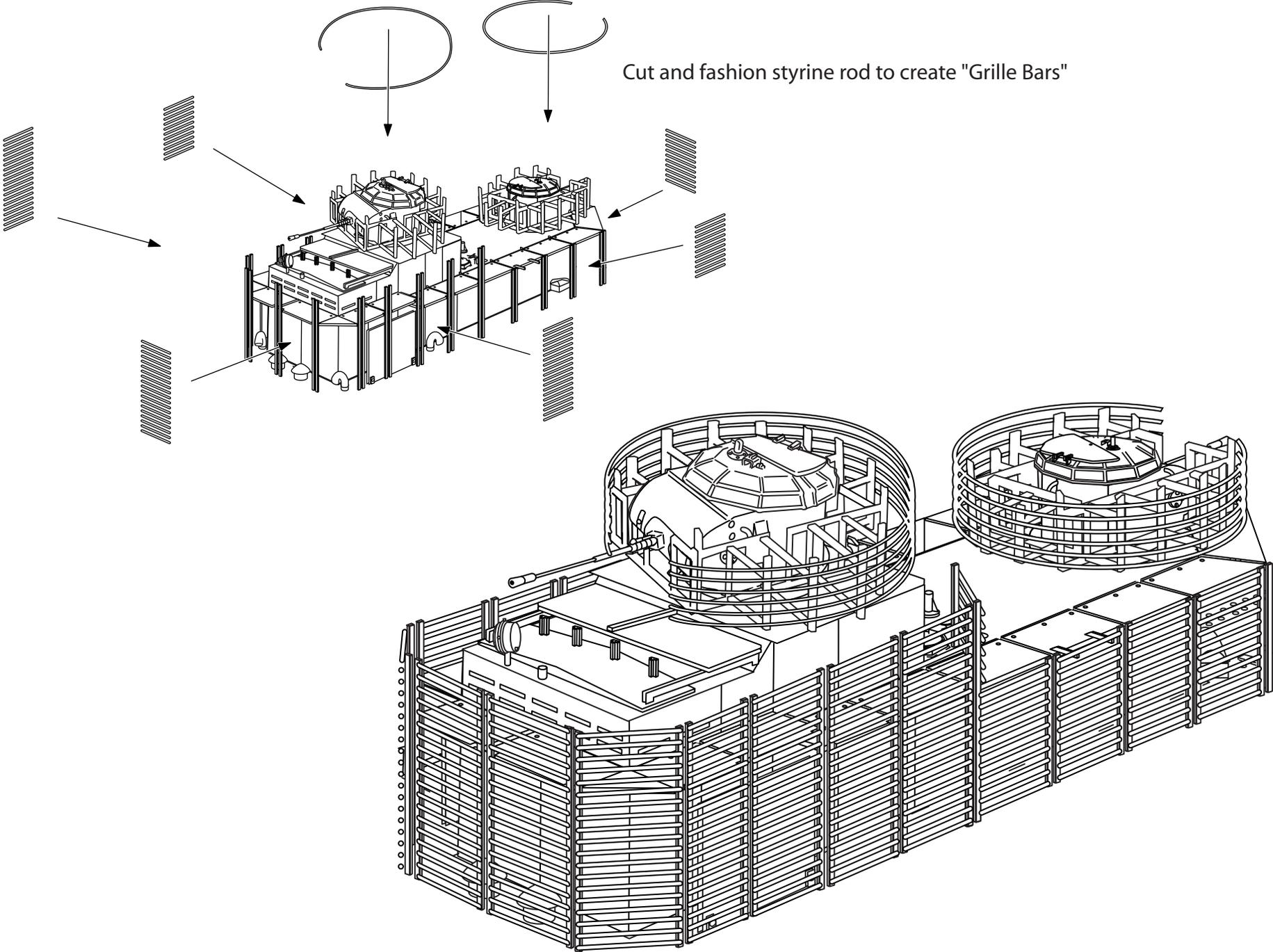


Assemble gun cage around the gun.  
Don't assemble gun cage first  
Assembly the same for both guns

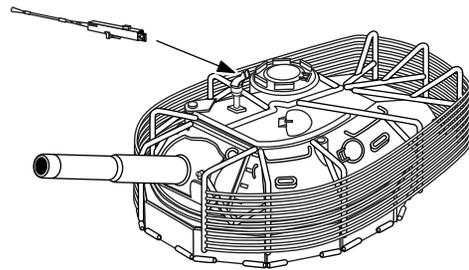
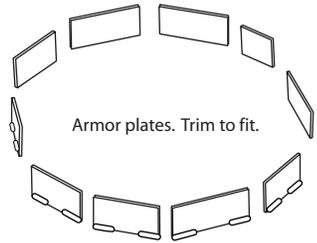
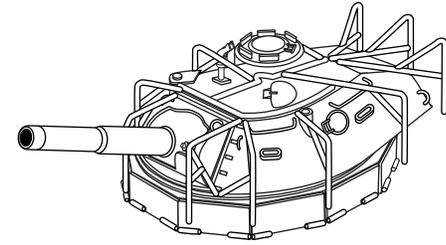
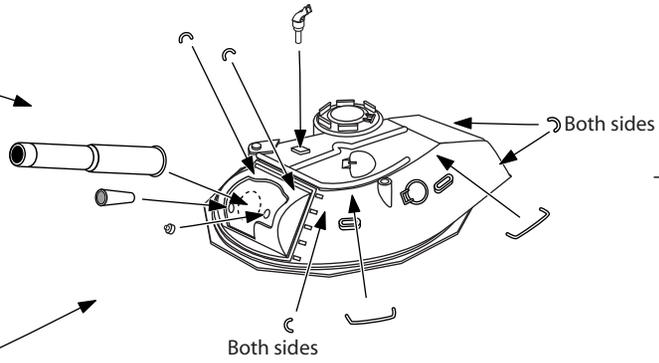
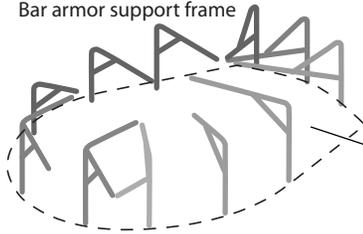
Continue to place the vertical bars.



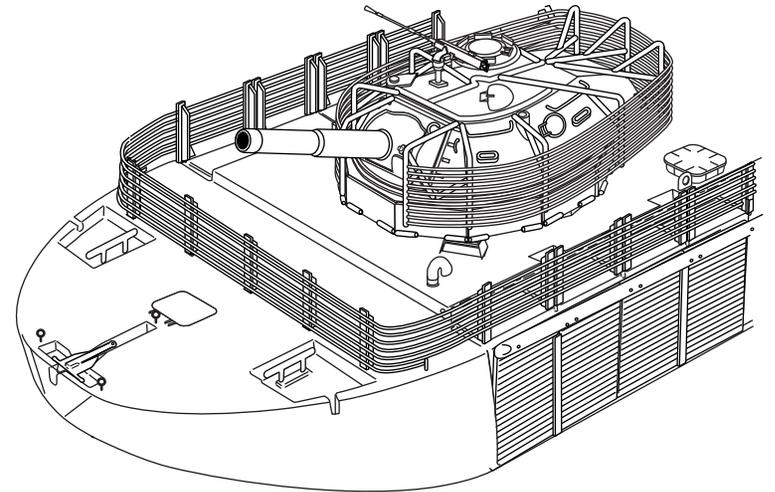
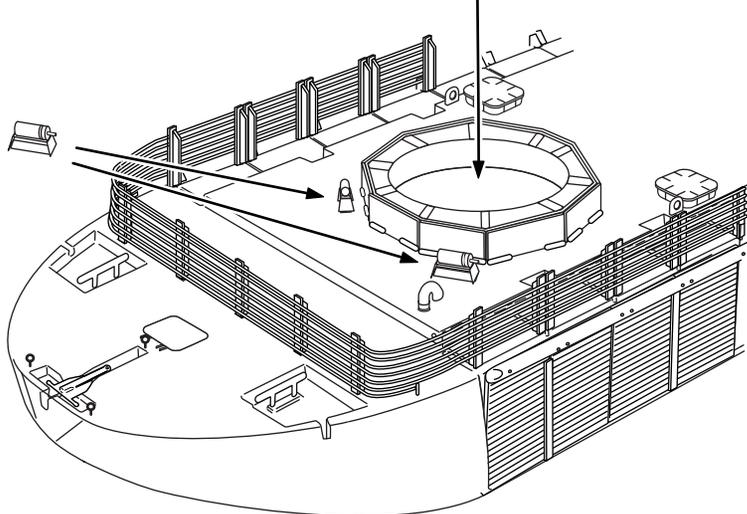
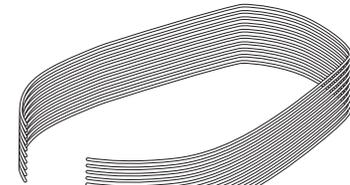
Cut and fashion styrene rod to create "Grille Bars"



Bar armor support frame



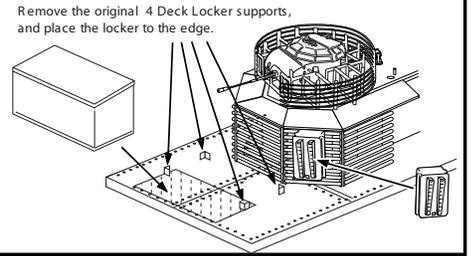
Bar armor.  
Use supplied styrene



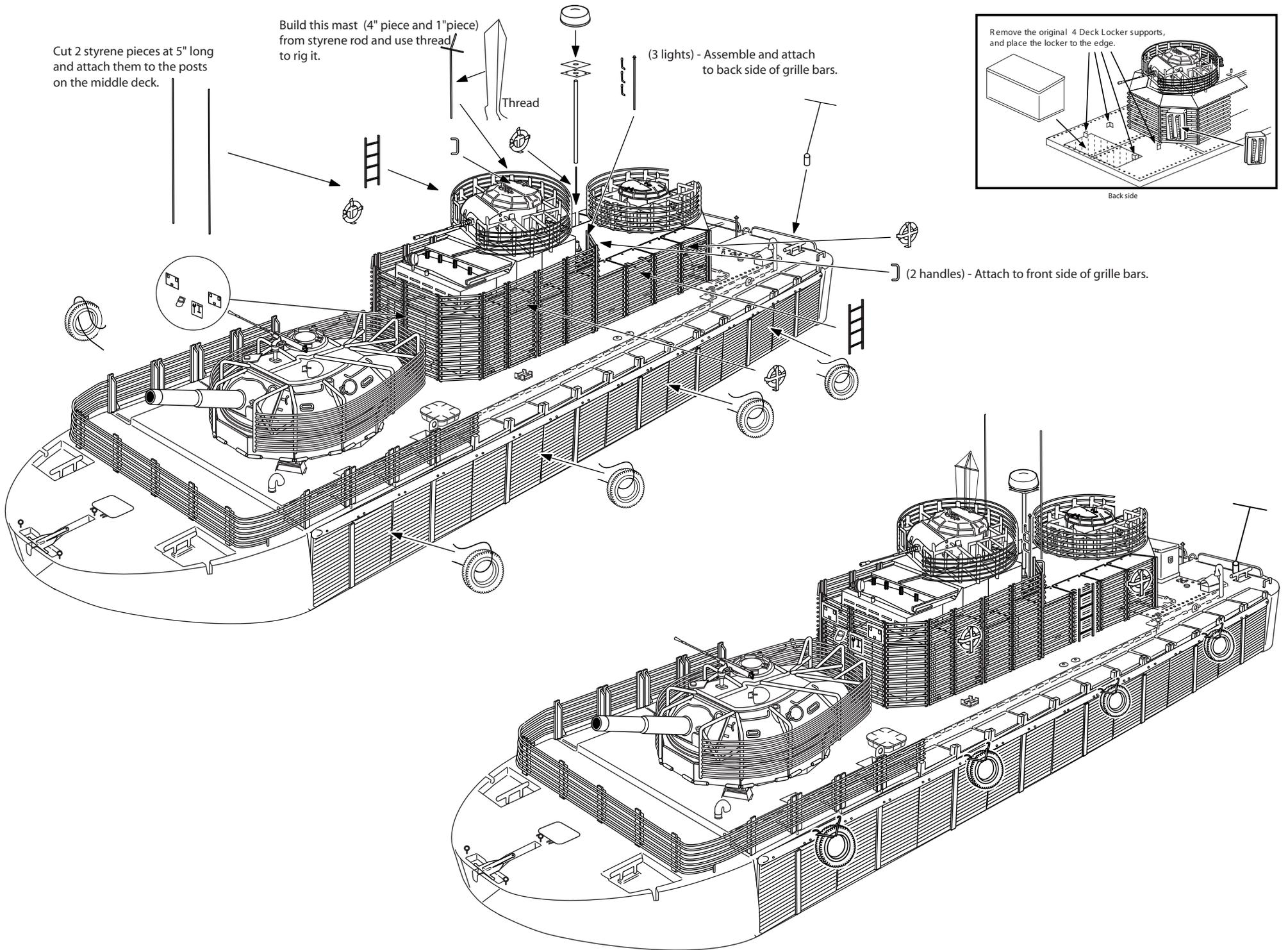
Cut 2 styrene pieces at 5" long and attach them to the posts on the middle deck.

Build this mast (4" piece and 1" piece) from styrene rod and use thread to rig it.

(3 lights) - Assemble and attach to back side of grille bars.



(2 handles) - Attach to front side of grille bars.



# Program 5 Monitor Specifications

**Type:** Converted World War II, LCM(6) Landing Craft  
**Manufacturer:** Various Naval Ship Yards  
**Design:** Length: 60' • Width: 17' 6"  
Height above Water Line: 12'6"  
**Speed:** 8 Knots Maximum  
**Draft:** Empty: 4'4" • Full Load: 4'6"  
**Crew:** Eleven

## **Propulsion:**

2 x 64HN9 Detroit Diesel engines  
2 x Marine twin disc gear clutch model  
22:1 reduction gears  
2 x 22" 4-Blade clockwise screws

## **Electronics:**

2 x AN/VRC-46 low band VHF  
2 x AN/PRC-25 portable radio  
1 x Raytheon Pathfinder 1900 Surface Search Radar

## **Fuel Capacity:**

Diesel 788-gallons in 2 x tanks

## **Auxiliary Fuel Capacity:**

450-gallons in 3 x tanks

## **Armament:**

1 x 105-mm howitzer mounted inside a M49 turret  
1 x 7.62-mm machine gun mounted coaxially, left side of howitzer  
2 x 20-mm Mark 16 (Mod 4) cannons in Mark 48 Turrets  
1 x 40-mm MK 19 grenade launcher  
6 x M-16 automatic rifles  
1 x 40-mm M-79 grenade launcher (shoulder-fired)  
1 x 12-gauge riot shotgun  
1 x .38-caliber pistol (Boat Captain)  
1 x flair pistol

## **Background:**

Program 5 Monitors were used in Vietnam to provide U.S. riverine forces with accurate direct and indirect fire support. The 105-mm howitzer which was mounted inside the M49 turret was ideal because of its compact size and weight. The M49 was already in use on the LVTH-6 AMTRACK by the U.S. Marines and was considered a reliable weapon system. The howitzer has a special M546 antipersonnel (APERS) "beehive" shell that fires several thousand tiny flechettes (nails). Firing the "beehive" in the direct fire mode was quite deadly for any enemy troops hiding on the riverbanks.