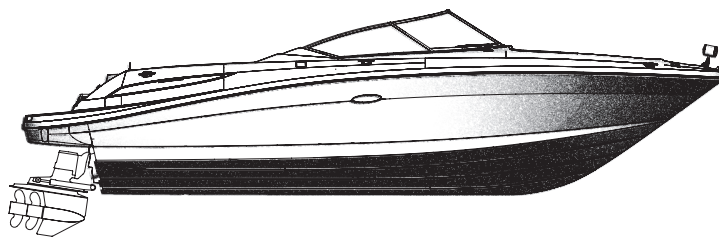


*Sea Ray* 

Specific  
Information  
Manual

270 Select EX



Manual Part Number: MRP 1902268



---

# 270 SELECT EX SPECIFIC INFORMATION MANUAL

---

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Information in this publication is based upon the latest product specifications available at printing. Sea Ray® Boats, Inc. reserves the right to make changes at any time, without notice, in the colors, equipment, specifications, materials and prices of all models, or to discontinue models. Should changes in production models be made, Sea Ray® is not obligated to make similar changes or modifications to models sold prior to the date of such changes.

Owner's Manual  
270 Select Ex

Printed in the U.S.A. April 2007

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For information call 1-800-SRBOATS or fax 1-314-213-7878  
(International 1-314-216-3333)

Internet Address: <http://www.searay.com>

Note: Not all accessories shown in pictures or described herein are  
standard equipment or even available as options.  
Options and features are subject to change without notice.

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*Sea Ray* 



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# 270 SELECT EX OWNERS MANUAL

## 1. LOAD CAPACITY

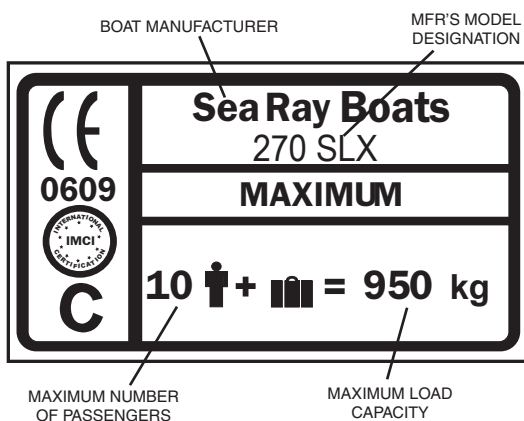
Refer to the General Information Manual for a detailed explanation of Load Capacity.

### **! DANGER**

Never carry more weight or passengers than indicated on the certification plate, regardless of weather or water conditions.

The boat can capsize, swamp or sink.

BUILDER'S PLATE (INTERNATIONAL)  
(Fig. 1.1)



## 2. PASSENGER LOCATIONS

Refer to the General Information Manual for a detailed explanation of Passenger Locations.

### **! WARNING**

Boat motion can be erratic.

You can fall overboard or be injured by hitting something in or on the boat.

All persons must be in cockpit area or cabin and be prepared for sudden boat movement.

Use front or bow deck area only during anchoring, mooring or emergencies.

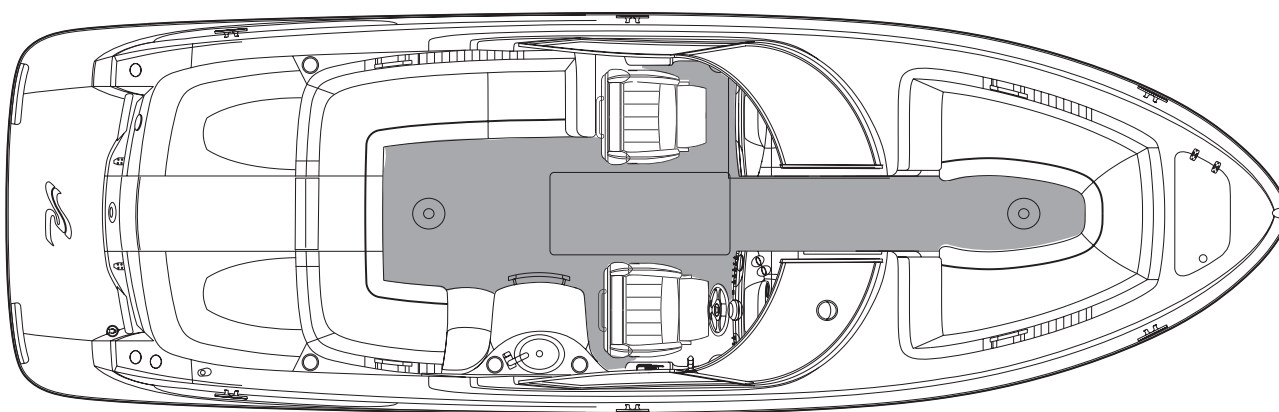
### **! WARNING**

Wet decks are slippery.

You can be seriously injured if you slip and fall.

Wear slip resistant footwear secured to your feet and hold on to rails or boat structure.

PASSENGER LOCATIONS  
(Fig. 1.2)



### **! DANGER**

Rotating propellers can injure or kill you.

Shut off engine when persons are in water near boat, or on swim platform or ladder.

### **! WARNING**

Rear facing transom seats **MUST NOT** be used while engine is running or boat is moving.





# 270 SELECT EX OWNERS MANUAL

## 3. SAFETY LABEL LOCATIONS, CONTINUED

SAFETY LABEL LOCATIONS  
(Fig. 3.1)

### Save Our Seas

It is illegal to dump plastic trash anywhere into the ocean or navigable waters of the United States. Violation of these requirements may result in civil penalty up to \$25,000, a fine of \$50,000 and imprisonment for up to five years.

**PLASTIC** - Includes but is not limited to: plastic bags, styrofoam cups and lids, six-pack holders, stirrers, straws, milk jugs, egg cartons, synthetic fishing nets, ropes, lines, and bio or photo degradable plastics.

**GARBAGE** - Means paper, rags, glass, metal, crockery (generated in living spaces aboard the vessel-what we normally call trash), and all kinds of food, maintenance and cargo-associated waste. "Garbage" does not include fresh fish or fish parts, dishwater, and gray water.

**INSIDE 3 MILES**  
(and in U.S. Lakes, Rivers, Bays and Sounds)  
**PLASTICS**  
DUNNAGE, LINING AND PACKING MATERIALS THAT FLOAT  
ANY GARBAGE EXCEPT DISHWATER/GRAYWATER/FRESH FISH PARTS

**3 TO 12 MILES**  
**PLASTICS**  
DUNNAGE, LINING AND PACKING MATERIALS THAT FLOAT  
ANY GARBAGE NOT GROUND TO LESS THAN ONE SQUARE INCH

**12 TO 25 MILES**  
**PLASTICS**  
DUNNAGE, LINING AND PACKING MATERIALS THAT FLOAT

**12 TO 25 MILES**  
**PLASTICS**

**DUNNAGE**- Material used to block and brace cargo, and is considered a cargo associated waste.

**DISHWATER**- Means the liquid residue from the manual or automatic washing of dishes and cooking utensils which, have been pre-cleaned to the extent that any food particles adhering to them would not normally interfere with the operation of automatic dishwashers.

**GRAYWATER** - Means drainage from a dishwasher, shower, laundry, bath, and washbasin, and does not include drainage from toilets, urinals, hospitals, and cargo spaces.

MRP 1744745 SR-761  
LOCATED ON INSIDE OF  
STARBOARD STORAGE DOOR




### YACHT CERTIFICATION

DESIGN COMPLIANCE WITH NIMMA REQUIREMENTS IN EFFECT ON THE DATE OF CERTIFICATION IS VERIFIED. MANUFACTURER IS RESPONSIBLE FOR PRODUCTION CONTROL.


NATIONAL MARINE MANUFACTURERS ASSOCIATION  
THIS BOAT COMPLIES WITH U.S. COAST GUARD SAFETY STANDARDS IN EFFECT ON THE DATE OF CERTIFICATION

SEA RAY BOATS, MERRITT ISLAND

NMMA CERTIFICATION TAG





0609

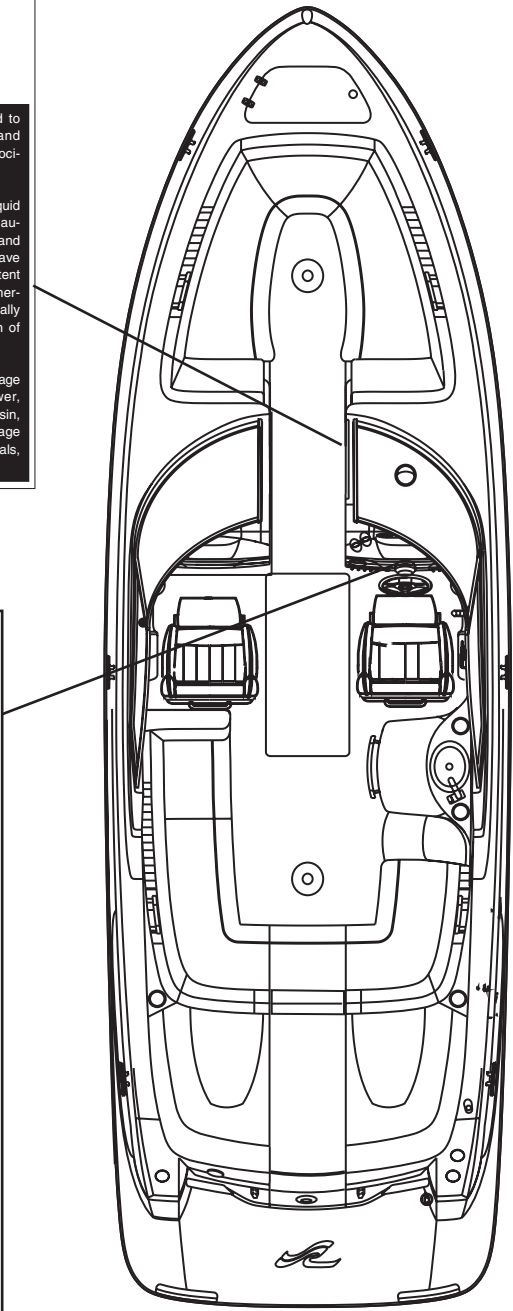


C

**Sea Ray Boats**  
270 SLX  
**MAXIMUM**

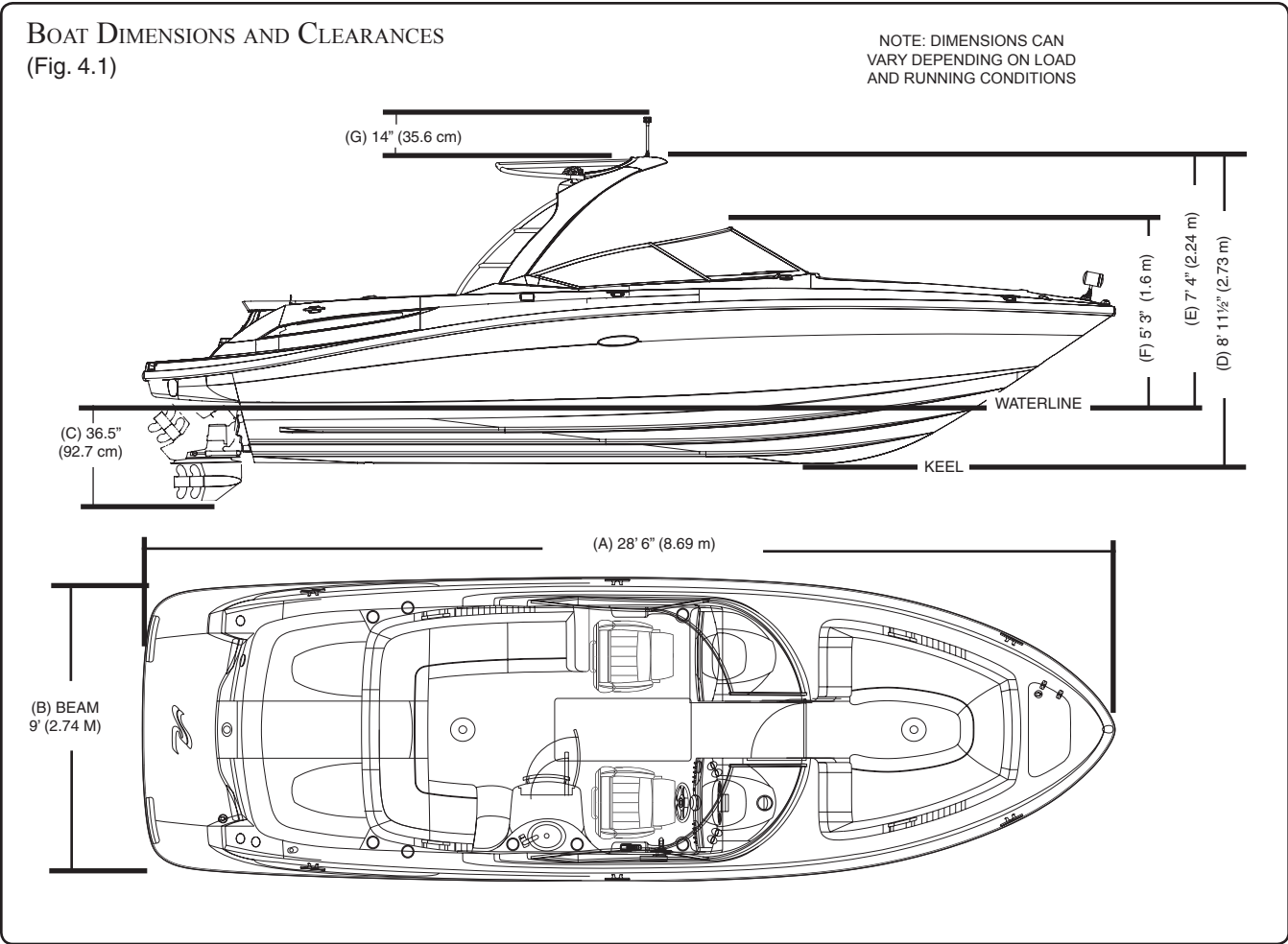
10  +  = 950 kg

THIS TAG INSTALLED WHEN BOAT IS ORDERED WITH  
CE INTERNATIONAL OPTION



# 270 SELECT EX OWNERS MANUAL

## 4. BASIC BOAT DIMENSIONS AND CLEARANCES



### 270 SELECT EX SPECIFICATIONS

(A) Overall Length		
With Std. Swim Platform.....	28ft. 6in.	8.69 m
(B) Beam (Width).....	9ft.	2.74 m
(C) Draft (Stern Drive Down) .....	36.5in.*	92.7 cm*
Draft (Stern Drive Up).....	20in.*	50.8 cm*

\* MINIMUM WATER DEPTH TO PREVENT RUNNING AGROUND

Dry Weight.....	5,555 lbs.	2,520 kg.
Fuel Capacity.....	94 gal.	355.8 liters
Usable Fuel .....	89 gal.	336.9 liters
Water Capacity .....	21 gal.	79.5 liters
Holding Tank.....	10 gal.	37.9 liters
Dead Rise.....	21°	

### HEIGHT DIMENSIONS

(D) Keel to Top of Arch.....	8ft. 11.5in.	2.73 m
(E) Waterline to Top of Arch.....	7ft. 4in.	2.24 m
(F) Waterline to Top of Windshield.....	5ft. 3in.	1.6 m
(G) Arch to Top of Mast Light.....	14in.	35.6 cm

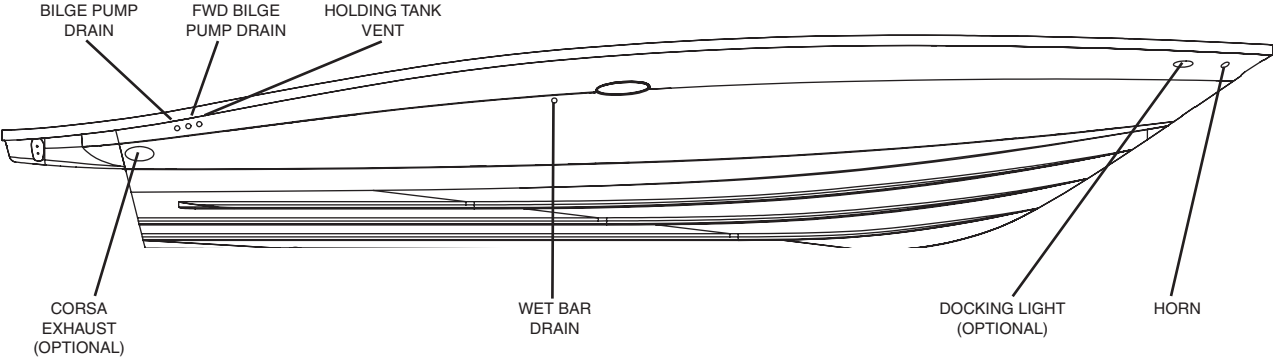




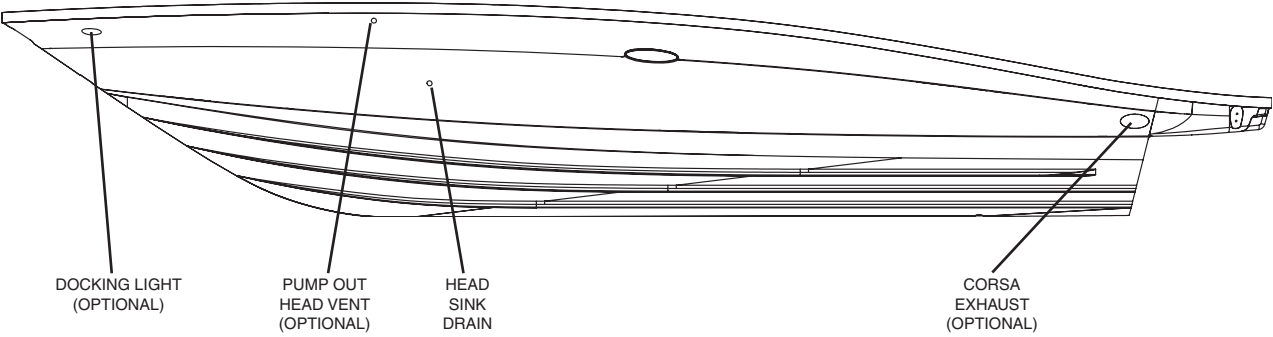
# 270 SELECT EX OWNERS MANUAL

## 5. FUNCTION AND LOCATION OF THROUGH-HULL CUTOUTS

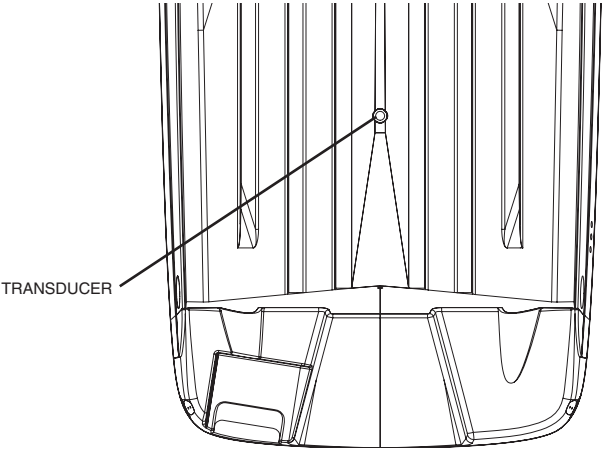
PORT THROUGH-HULL CUTOUTS  
(Fig. 5.1)



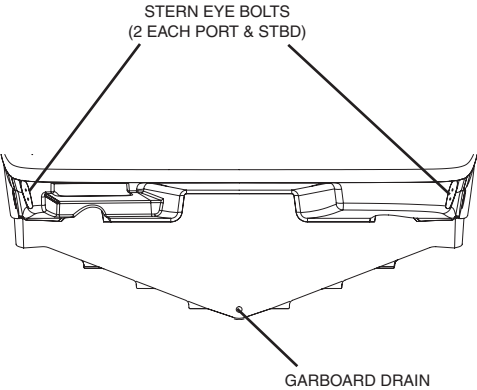
STARBOARD THROUGH-HULL CUTOUTS  
(Fig. 5.2)



BILGE THROUGH-HULL CUTOUTS  
(Fig. 5.3)



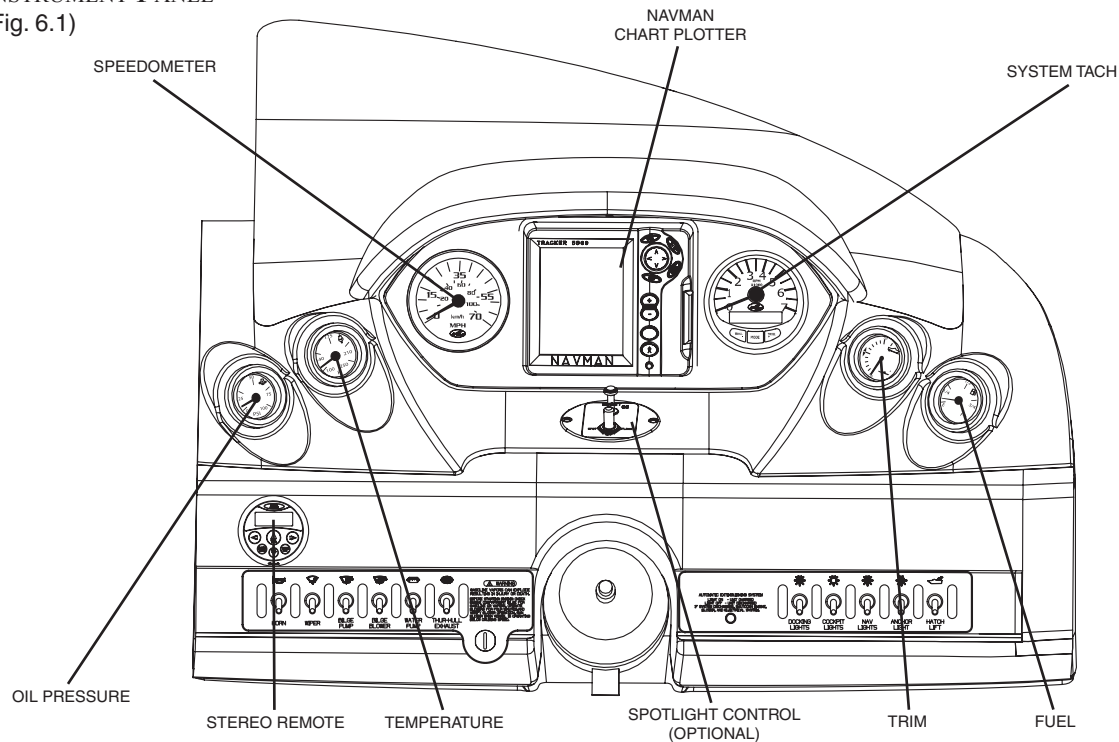
TRANSOM THROUGH-HULL CUTOUTS  
(Fig. 5.4)



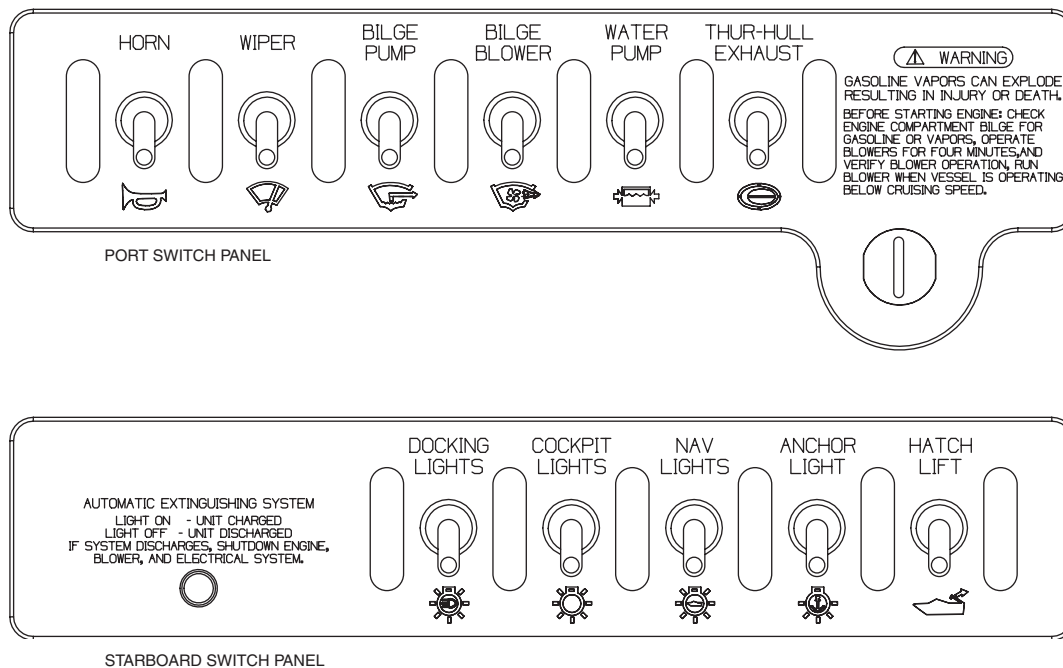
# 270 SELECT EX OWNERS MANUAL

## 6. HELM, GAUGE & SWITCH LAYOUT

INSTRUMENT PANEL  
(Fig. 6.1)



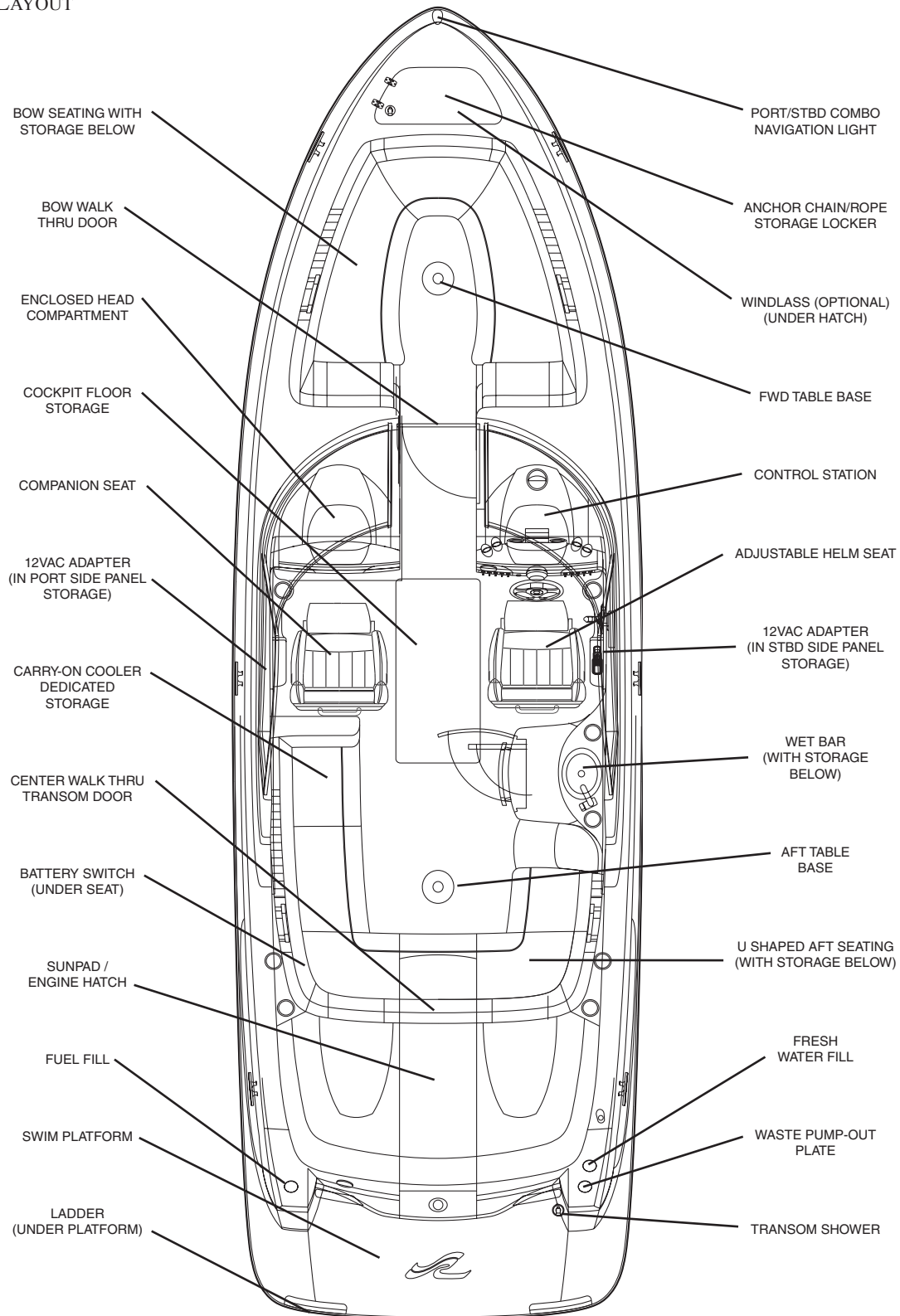
SWITCH PANELS  
(Fig. 6.2)



# 270 SELECT Ex OWNERS MANUAL

## 7. DECK LAYOUT

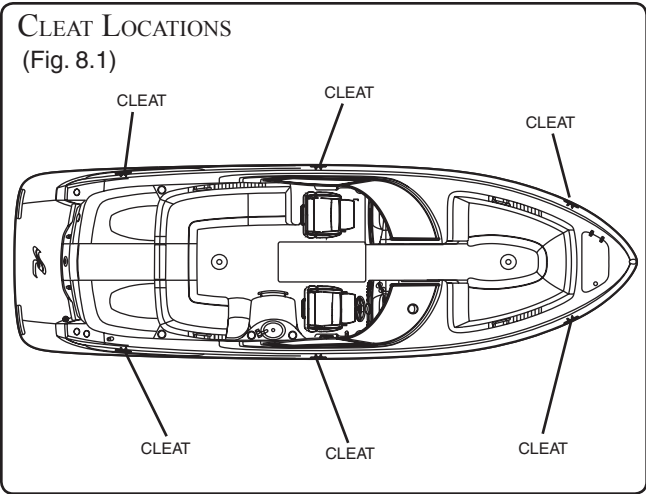
GENERAL LAYOUT  
(Fig. 7.1)



# 270 SELECT EX OWNERS MANUAL

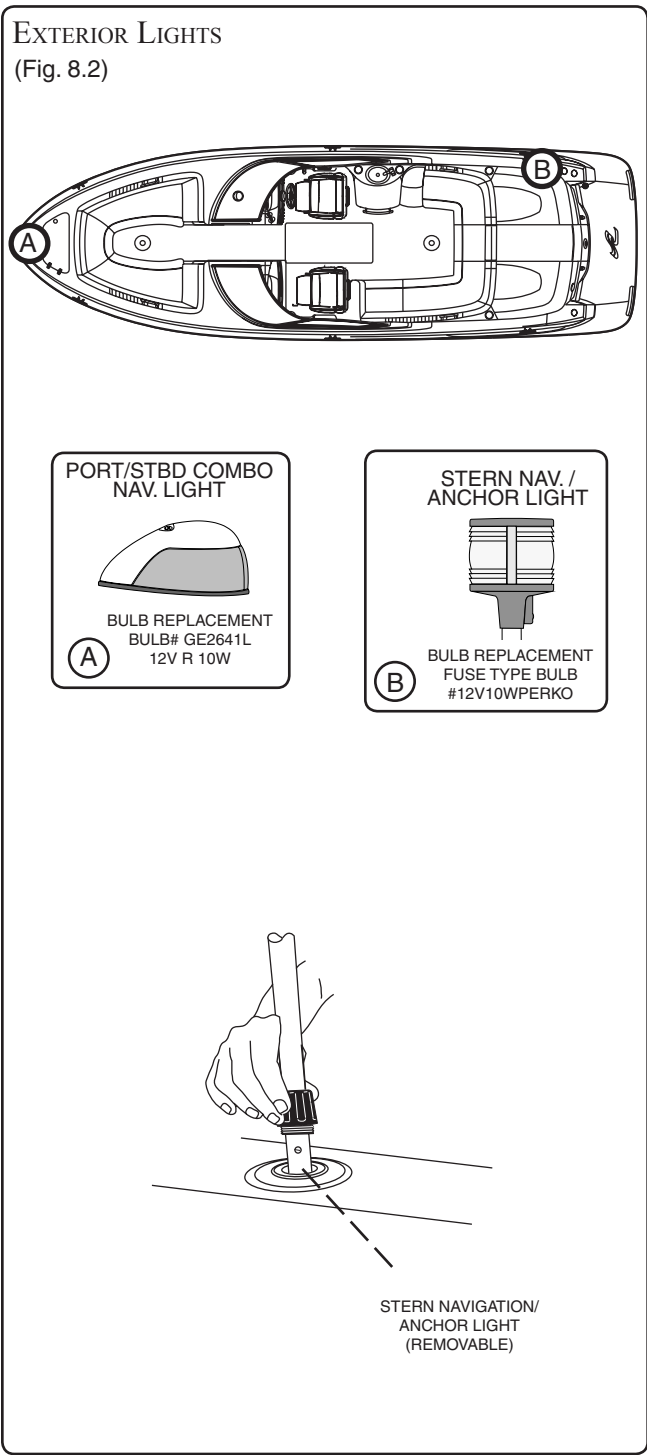
## 8. CLEATS

Cleats must not be used for lifting the boat; they are intended for docking or mooring use only.



## 9. NAVIGATION AND ANCHOR LIGHTS

See General Information Manual for a detailed explanation of the anchor lights.



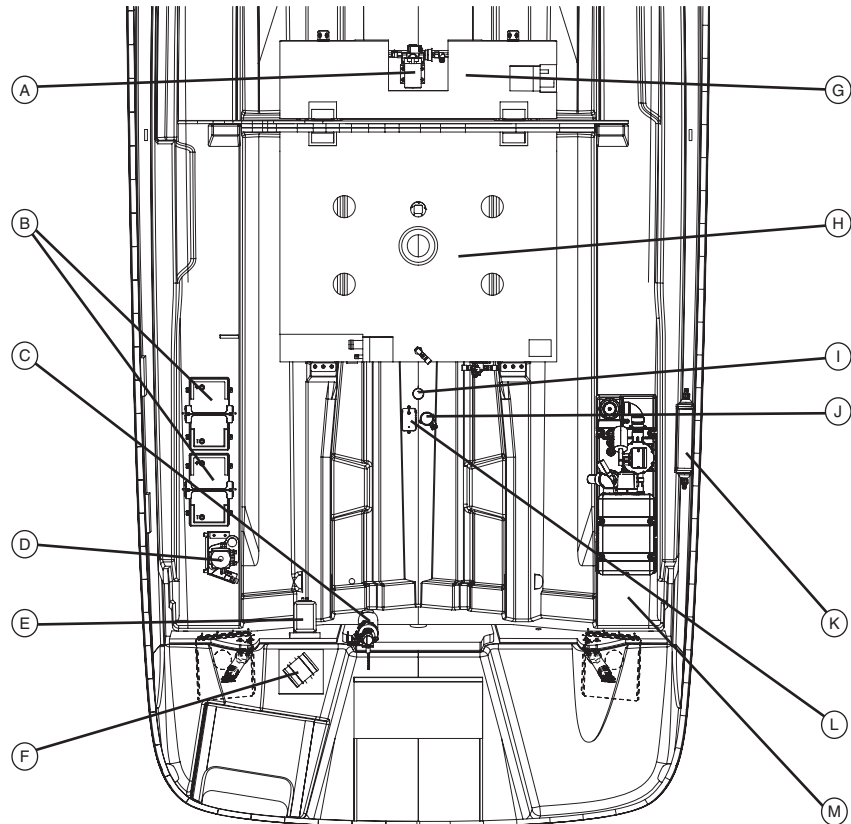
# 270 SELECT Ex OWNERS MANUAL

## 10. BILGE LAYOUT

BILGE LAYOUT

(Fig. 9.1)

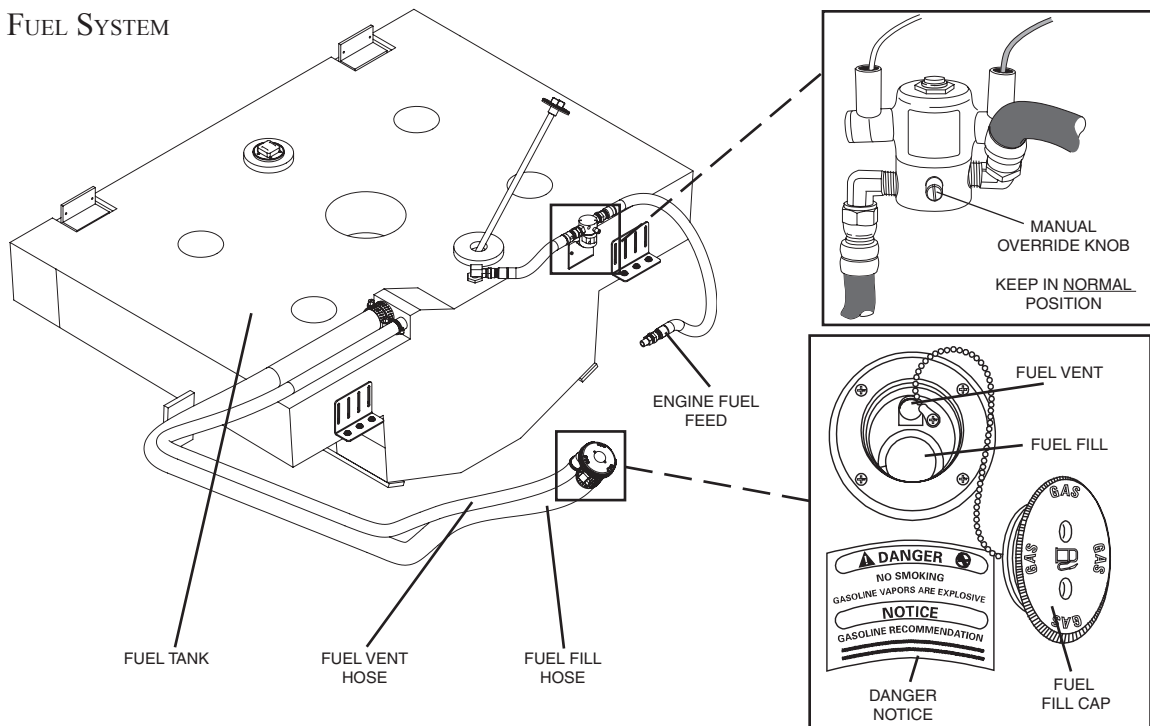
- (A) FRESH WATER PUMP
- (B) BATTERIES
- (C) FIRE EXTINGUISHER
- (D) POWER TRIM PUMP
- (E) TRIM TAB PUMP
- (F) BLOWER
- (G) FRESH WATER TANK
- (H) FUEL TANK
- (I) TRANSDUCER
- (J) BILGE PUMP
- (K) HOLDING TANK VENT FILTER
- (L) BILGE FLOAT SWITCH
- (M) WASTE WATER HOLDING TANK



## 11. FUEL SYSTEM

STANDARD FUEL SYSTEM

(Fig. 9.2)



---

# 270 SELECT EX OWNERS MANUAL

---

## 11. FUEL SYSTEM

The 270 Select EX standard gasoline fuel system consists of a 94 gallon (356 liter) fuel tank, fuel tank vent, electric fuel valve, engine fuel supply line and fuel fill.

## 12. CANVAS

The standard canvas consists of a Sunbrella® Bimini Top w/ Boot.

The optional canvas package consists of:

Aft Curtain	Canvas Storage Bag
Front Curtains	Side Curtains
Cockpit cover w/ Tonneau	

The Canvas Cockpit Cover /w Tonneau is also available as an individual option.

## 13. ENTERTAINMENT SYSTEM

The 12 volt AM/FM radio single CD satellite ready stereo is located in the port dash.

The system includes six (6) water proof speakers, a subwoofer, a digital remote control located at the control station and an optional remote on the transom. An optional speaker system is available with the Water Sports Tower option.

## 14. WATER SPORTS TOWER

If equipped, the water sports tower provides a raised attach point (ski tow pylon) for the ski rope. The high attach point enables the skier to perform a wide variety of skills not capable with the lower transom attach point.

The tower attach point is intended for use only when towing a single skier. If you are towing multiple skiers or water toys carrying more than one person use only the transom attach point. The tower attach point is NOT intended for towing inflatables.

### WARNING

DO NOT USE TOWER FOR PULLING INFLATABLES. Use water sports tower for single skier/wakeboarder only. Use ski tow or stern eyes on transom for all other tow behind sports. Heavy loads could collapse tower causing personal injury.

### WARNING

DO NOT USE WATER SPORTS TOWER FOR TOWING ANOTHER BOAT OR BEING TOWED. TOWER COULD COLLAPSE AND CAUSE INJURY. SEE OWNER'S MANUAL FOR INSTRUCTIONS ON TOWING.

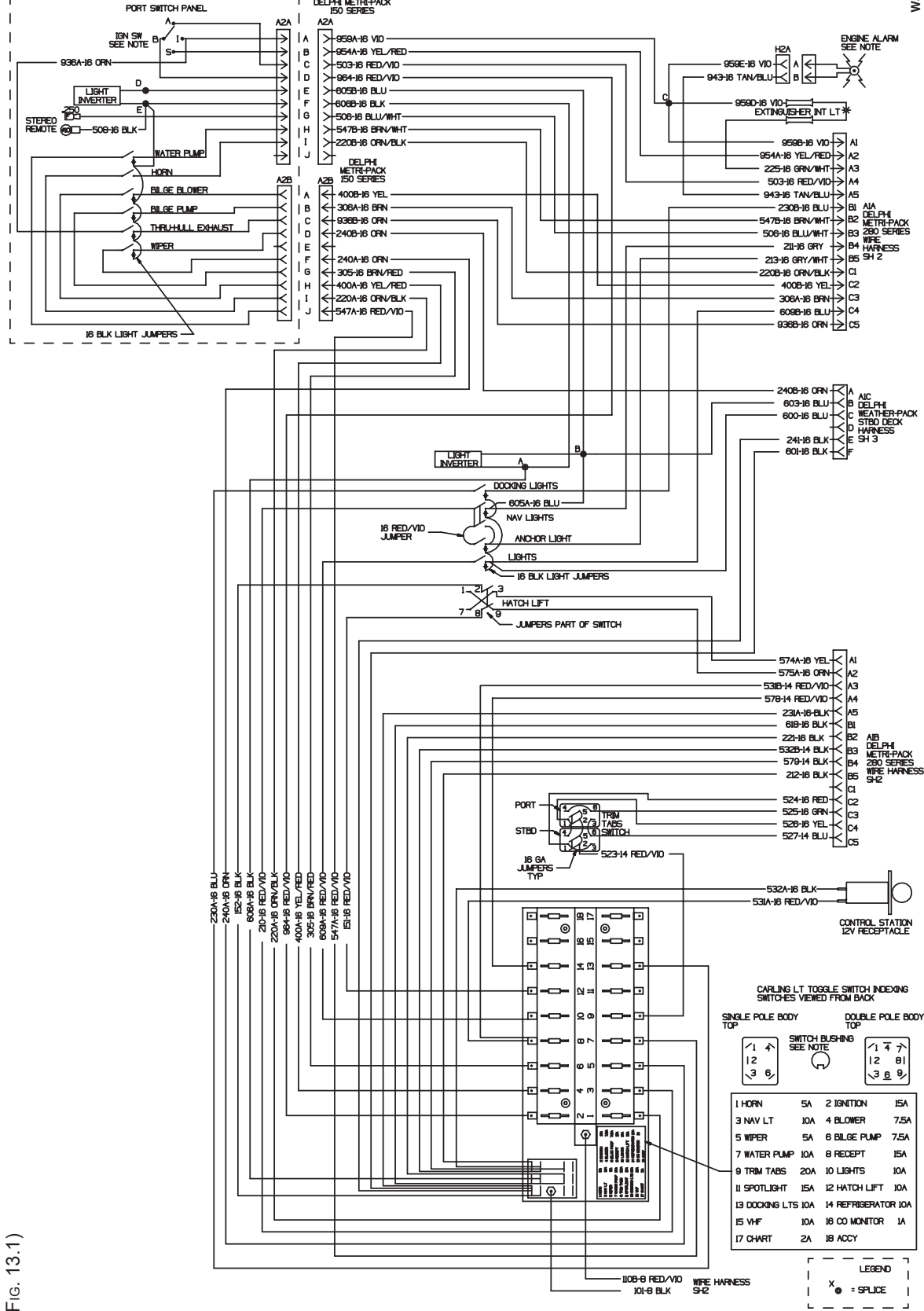
## 15. ELECTRICAL SCHEMATICS

This owner's manual contains electrical schematics and wiring harness illustrations for your boat. These electrical schematics were generated by electrical CAD designers at the engineering division for technical reference and service technicians. Sea Ray® does not recommend that you attempt to work on the boat's electrical system yourself. Instead, we recommend that you take your boat to your authorized Sea Ray® dealer for service. Sea Ray® reserves the right to change or update the electrical system on any model at any time without notice to the consumer and is NOT obligated to make any updates to units built prior to changes.



# 1. ELECTRICAL SCHEMATICS, 270 SELECT EX

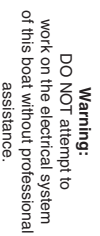
DC WIRING DIAGRAM (1 OF 3)  
DRAWING NO. 09-601  
(FIG. 13.1)



**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.



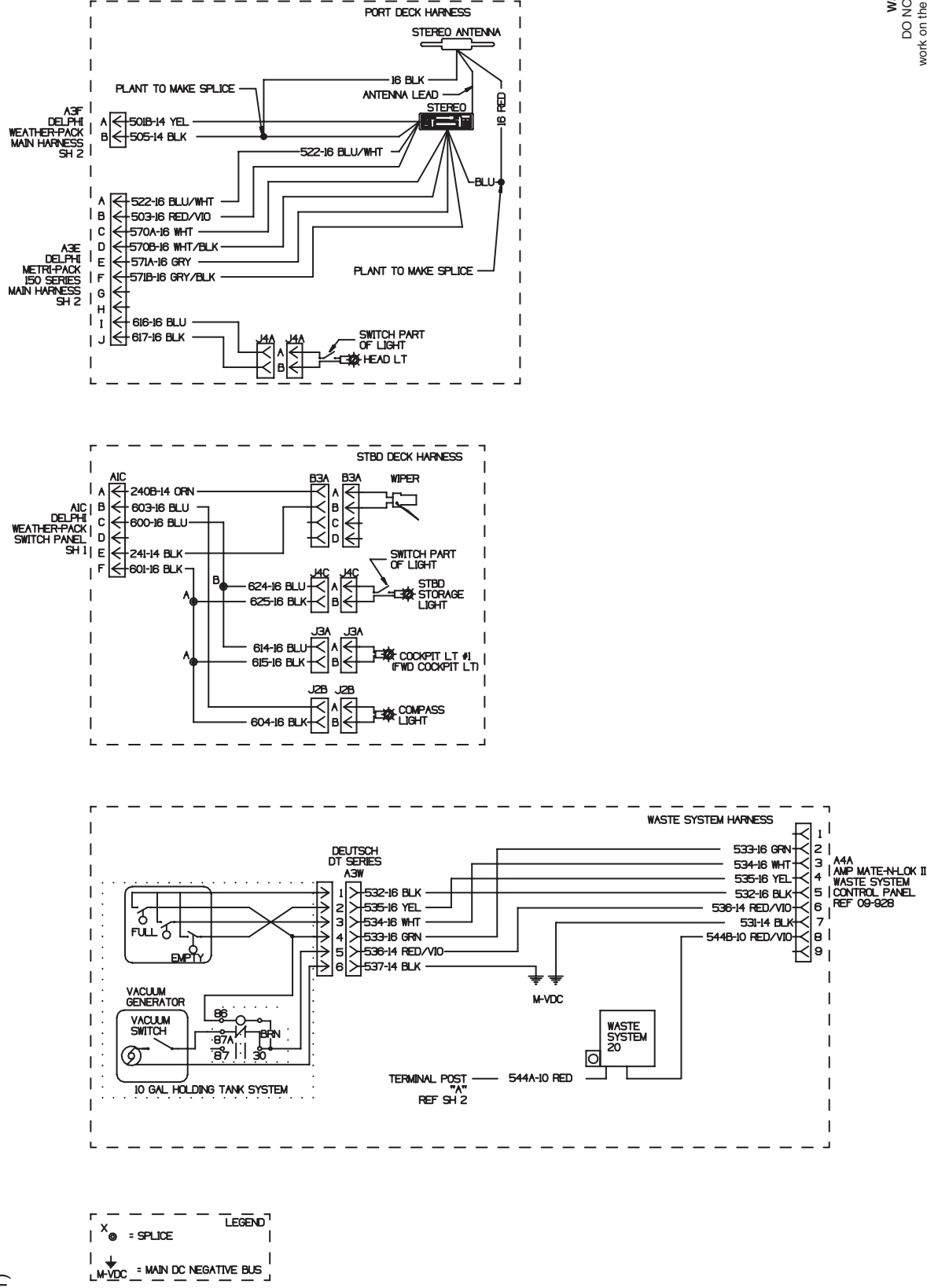
DC WIRING DIAGRAM (2 OF 3)  
DRAWING NO. 09-601  
(FIG. 14.1)





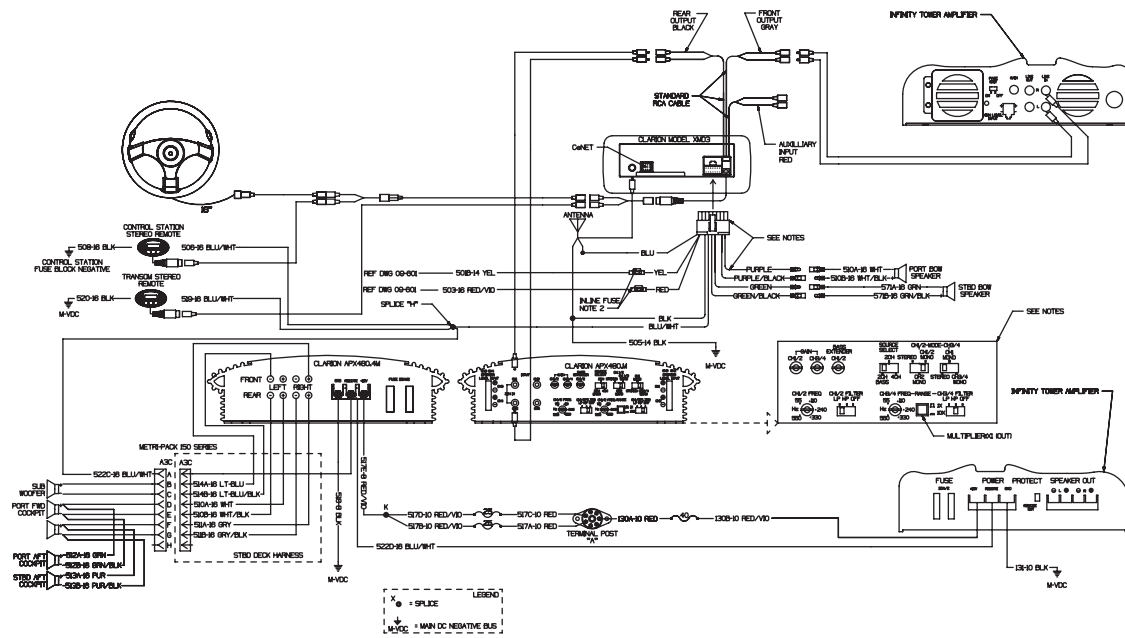
# ELECTRICAL SCHEMATICS, 270 SELECT EX (CONTINUED)

DC WIRING DIAGRAM (3 OF 3)  
DRAWING NO. 09-601  
(FIG. 15.1)



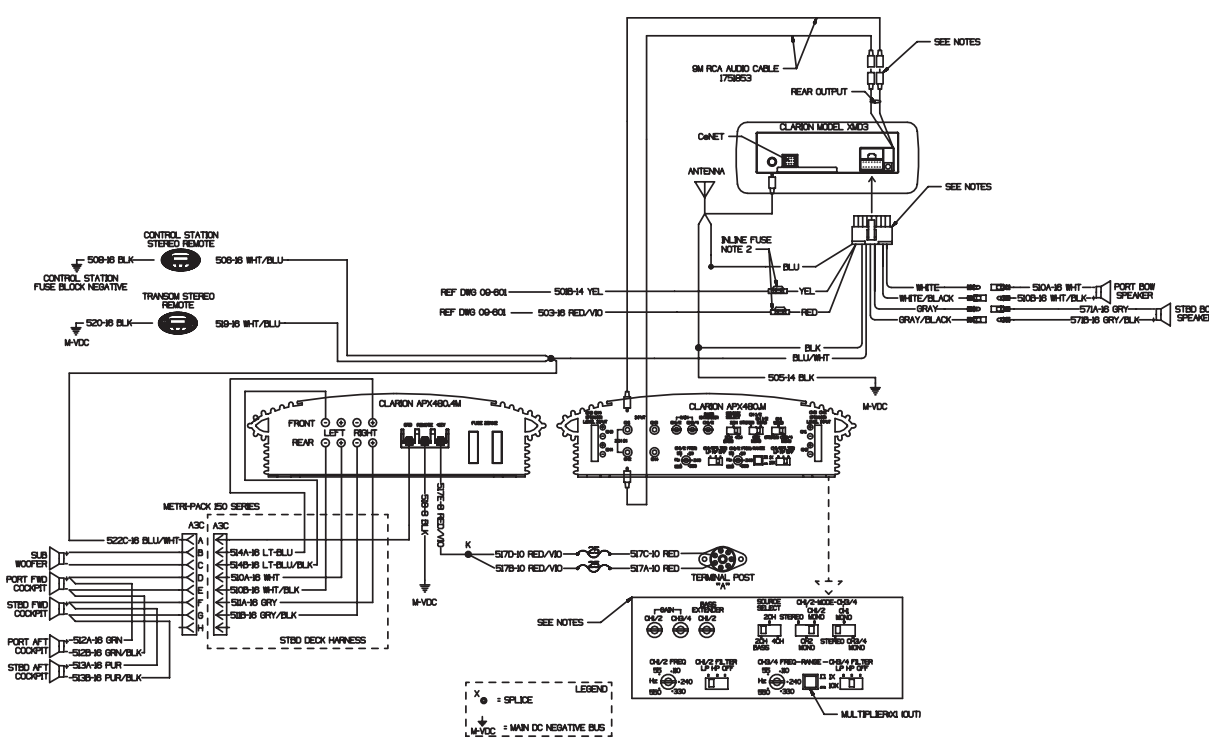
ELECTRICAL SCHEMATICS, 270 Select EX (CONTINUED)

SPORTS TOWER WIRING DIAGRAM  
DRAWING NO. 09-607  
(Fig. 16.1)



**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.

STEREO WIRING DIAGRAM  
DRAWING NO. 09-608  
(Fig. 16.2)

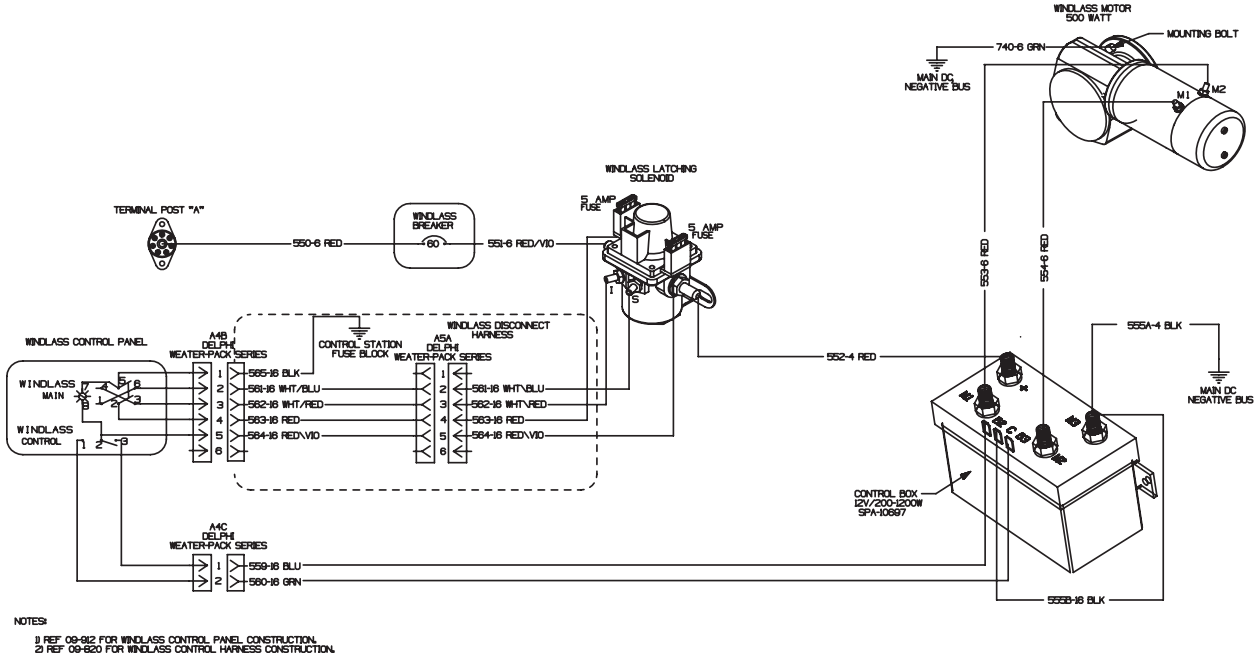


# ELECTRICAL SCHEMATICS, 270 SELECT EX (CONTINUED)

## WINDLASS WIRING DIAGRAM

DRAWING NO. 09-614

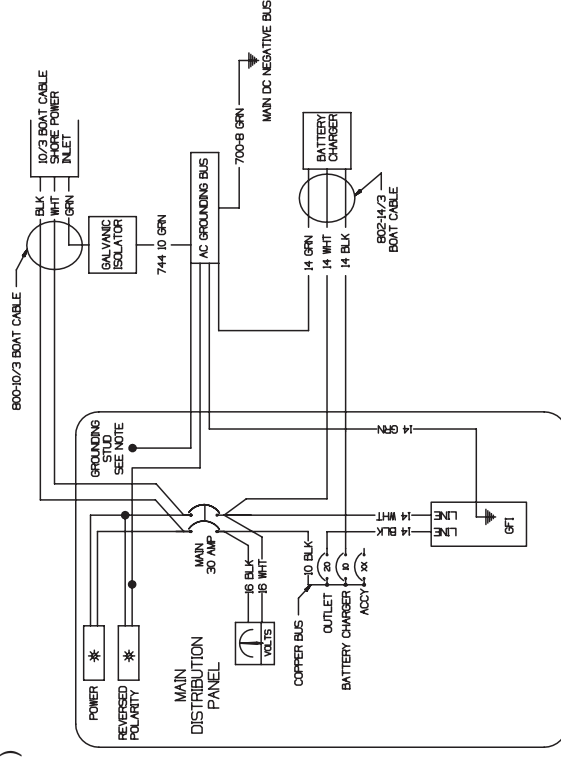
(Fig. 17.1)



## WIRING DIAGRAM, (120VAC/60Hz)

DRAWING NO. 09-630

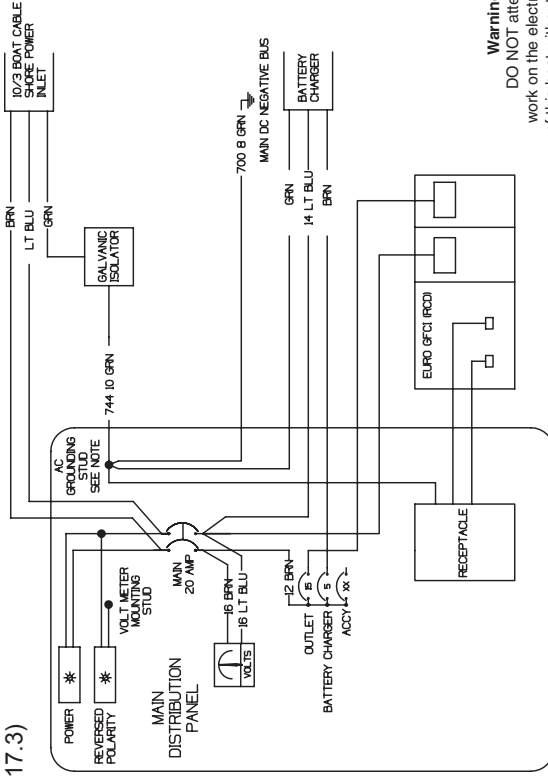
(Fig. 17.2)



## WIRING DIAGRAM, (220VAC/50Hz)

DRAWING NO. 09-632

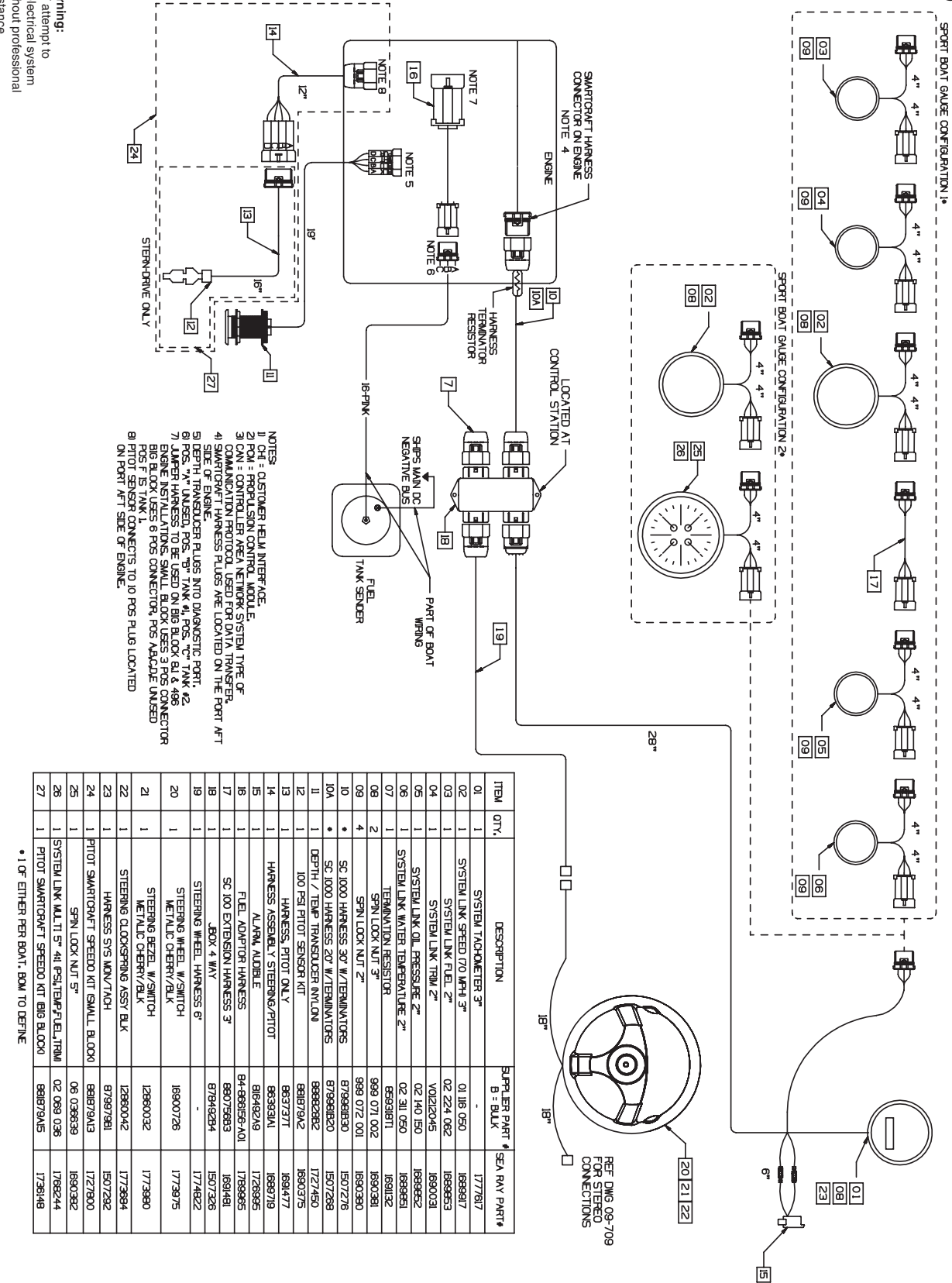
(Fig. 17.3)



**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.

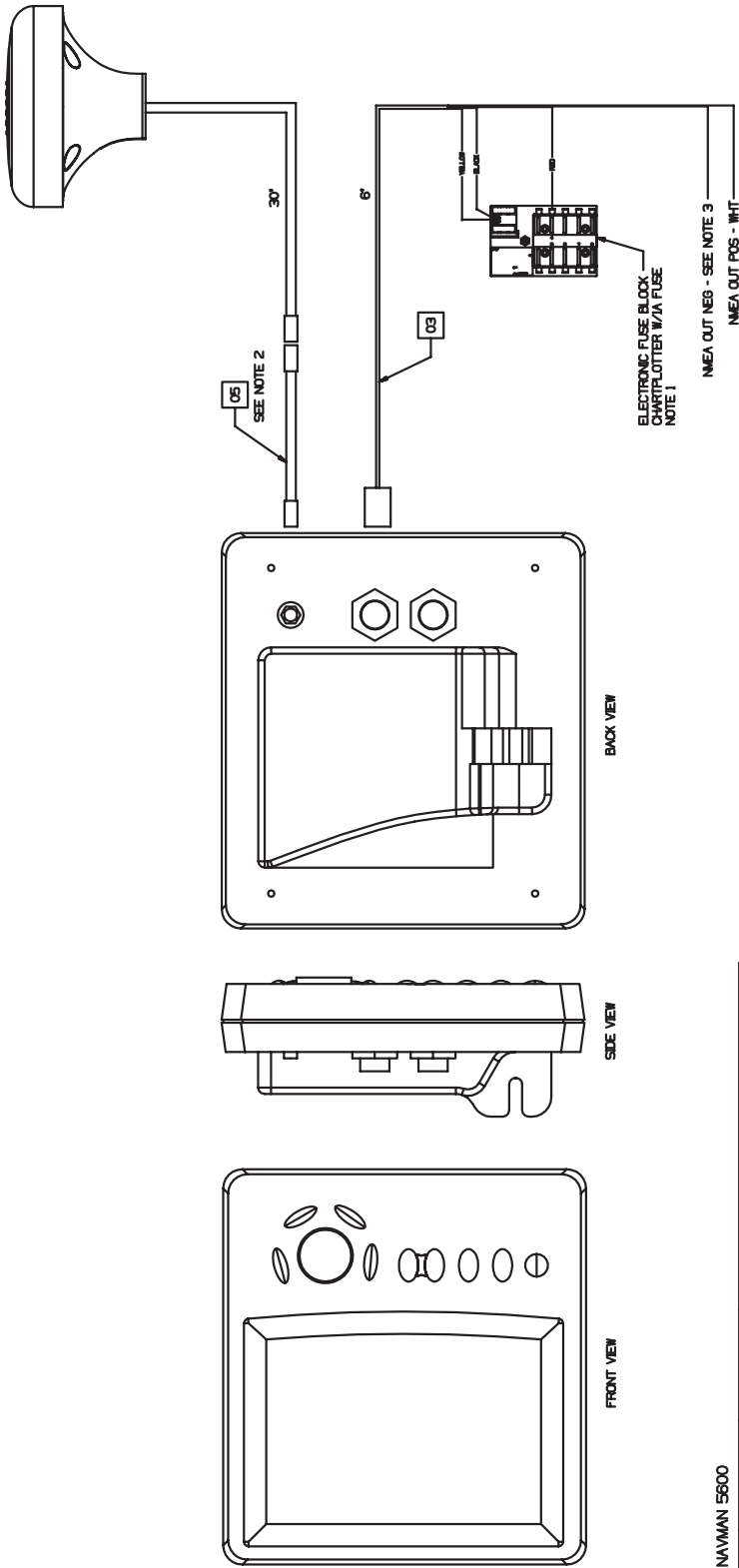
ELECTRICAL SCHEMATICS, 270 Select EX (CONTINUED)

SMARTCRAFT™ SYSTEM DIAGRAM W/ INTELLIWHEEL  
DRAWING NO. 09-713  
(FIG. 18.1)



ELECTRICAL SCHEMATICS, 270 SELECT EX (CONTINUED)

NAVMAN SYSTEM DIAGRAM  
DRAWING NO. 09-720  
(Fig. 19.1)



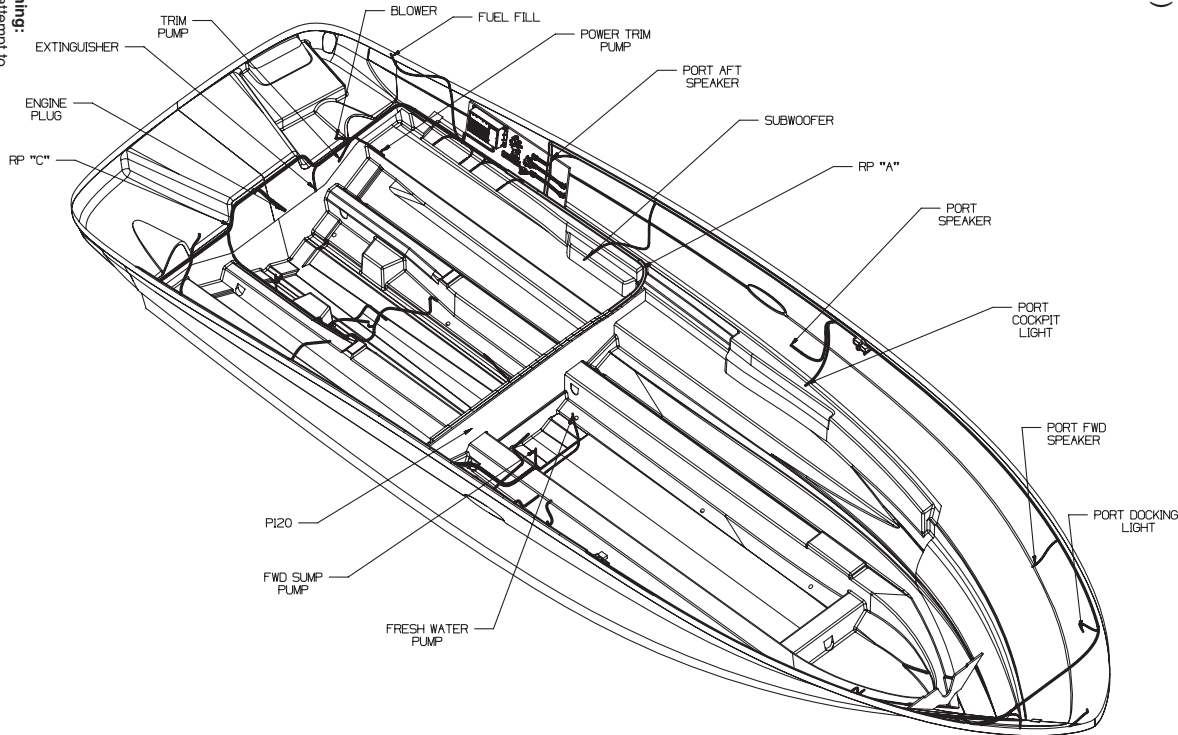
NAVMAN 5600		
ITEM	SEA RAY P/N	VENDOR P/N
		DESCRIPTION
		CHART PLOTTER, NAVMAN 5600 CMPLT PKG 5" DISPLAY
01	I77310	A00300R
		CHART PLOTTER, NAVMAN 5600 5" DISPLAY ONLY
02	I77311	A00300R
		ANTENNA, GPS NAVMAN E30
03	I77308	A00404R
		HARNESS, NAVMAN POWER CABLE
04	---	---
		HARNESS, GPS EXT. CABLE
05	I77309	A00240R
NAVMAN 5500		
ITEM	SEA RAY P/N	VENDOR P/N
		DESCRIPTION
		CHART PLOTTER, NAVMAN 5500 CMPLT PKG 5" DISPLAY
01	I77259	A00250R
		CHART PLOTTER, NAVMAN 5500 5" DISPLAY ONLY
02	I77308	A00250R
		ANTENNA, GPS NAVMAN E30
03	I77308	A00404R
		HARNESS, NAVMAN POWER CABLE
04	---	---
		HARNESS, GPS EXT. CABLE
05	I77309	A00240R

NOTE:  
1) EXACT FUSE POSITION ON THE FUSE BLOCK SHALL BE  
SPECIFIED BY THE MANUFACTURER.  
2) SPECIFIED FUSE SHALL BE USED WHEN ADDITIONAL  
BREAKDOWN POINT IS REQUIRED AT ARCH/HARDTOPS.  
3) THE NAVMAN USES THE BLACK WIRE AS DC NEGATIVE  
AND AS NMEA OUT NEGATIVE.

Warning:  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.

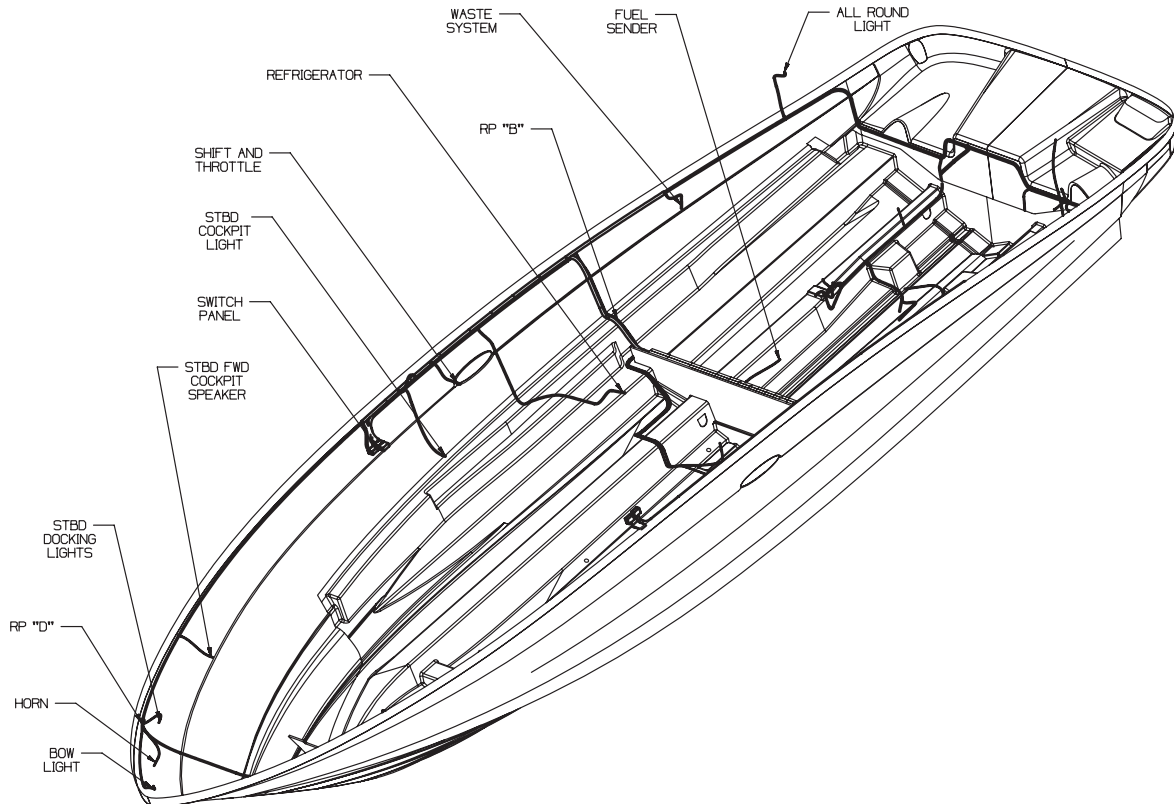
# ELECTRICAL SCHEMATICS, 270 Select EX (CONTINUED)

WIRE HARNESS  
DRAWING NO. 09-801  
(Fig. 20.1)



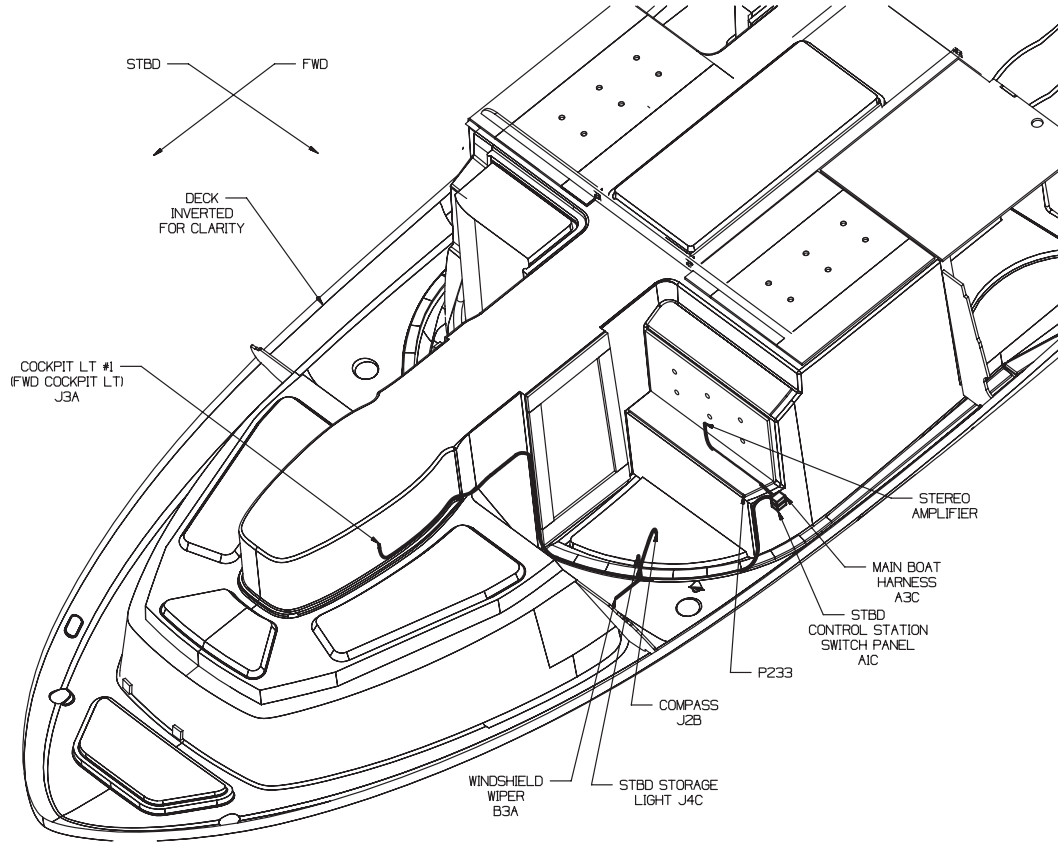
**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.

WIRE HARNESS  
DRAWING NO. 09-801  
(Fig. 20.2)

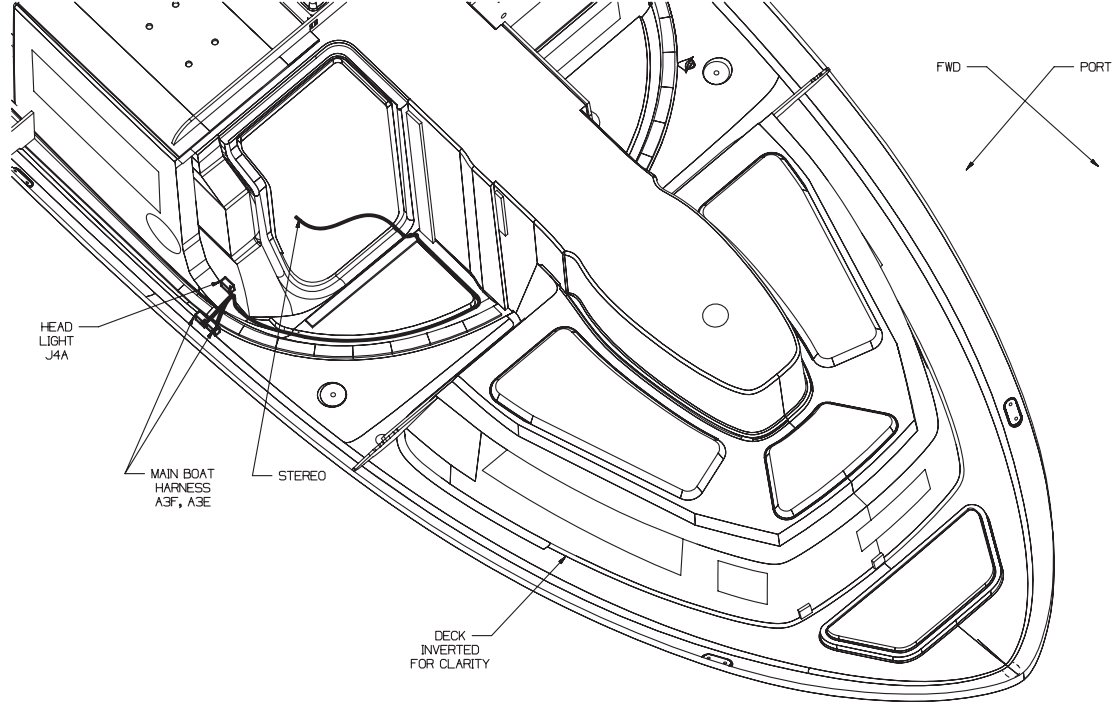


# ELECTRICAL SCHEMATICS, 270 SELECT EX (CONTINUED)

STARBOARD DECK HARNESS  
DRAWING NO. 09-805  
(Fig. 21.1)



PORT DECK HARNESS  
DRAWING NO. 09-806  
(Fig. 21.2)

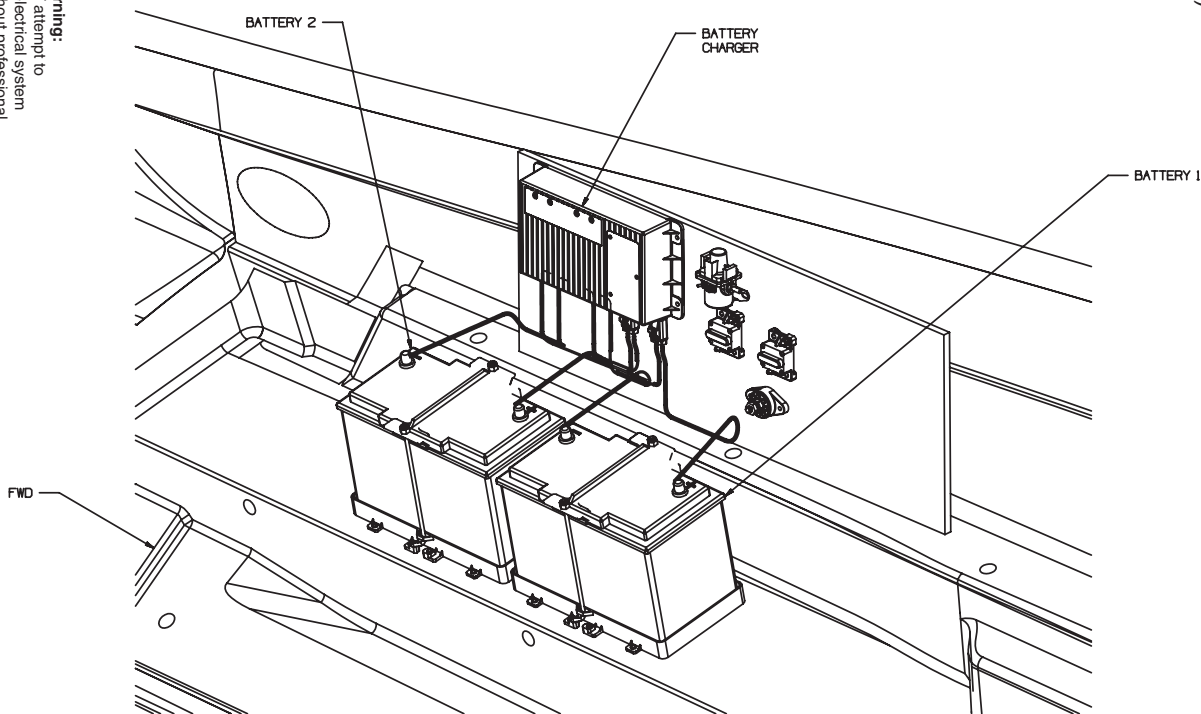


**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.

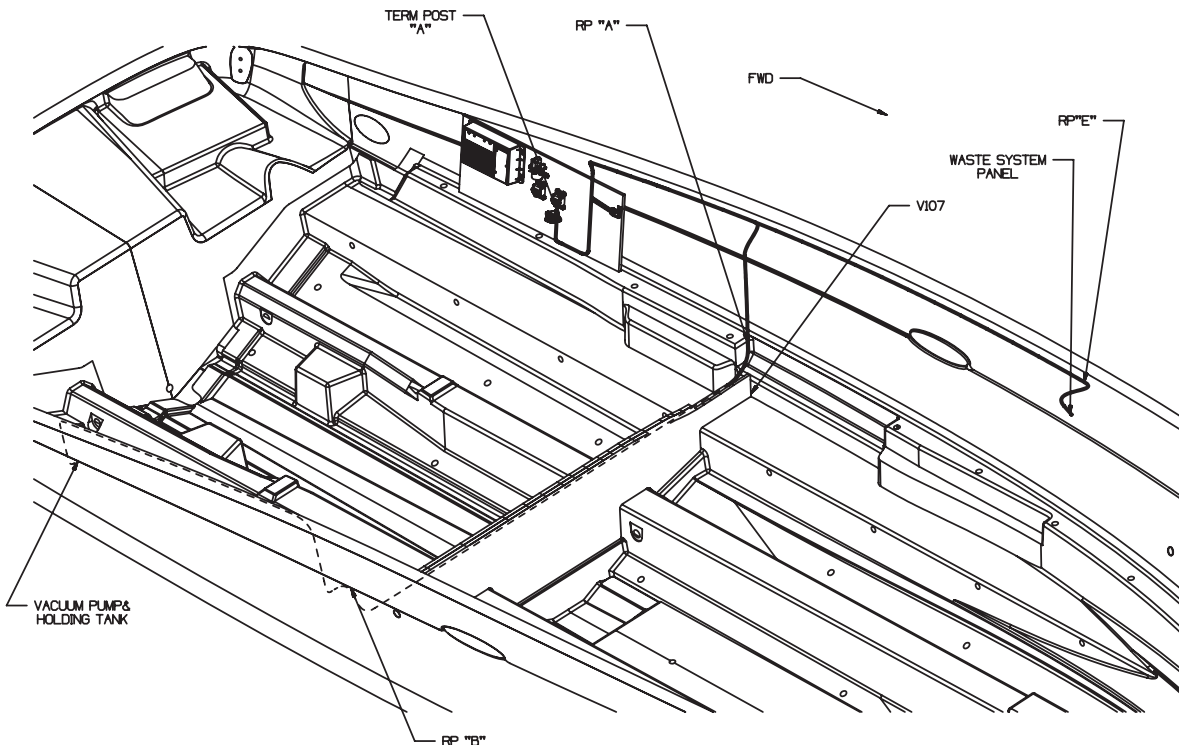


ELECTRICAL SCHEMATICS, 270 Select EX (CONTINUED)

BATTERY CHARGER HARNESS  
DRAWING NO. 09-809  
(Fig. 22.1)



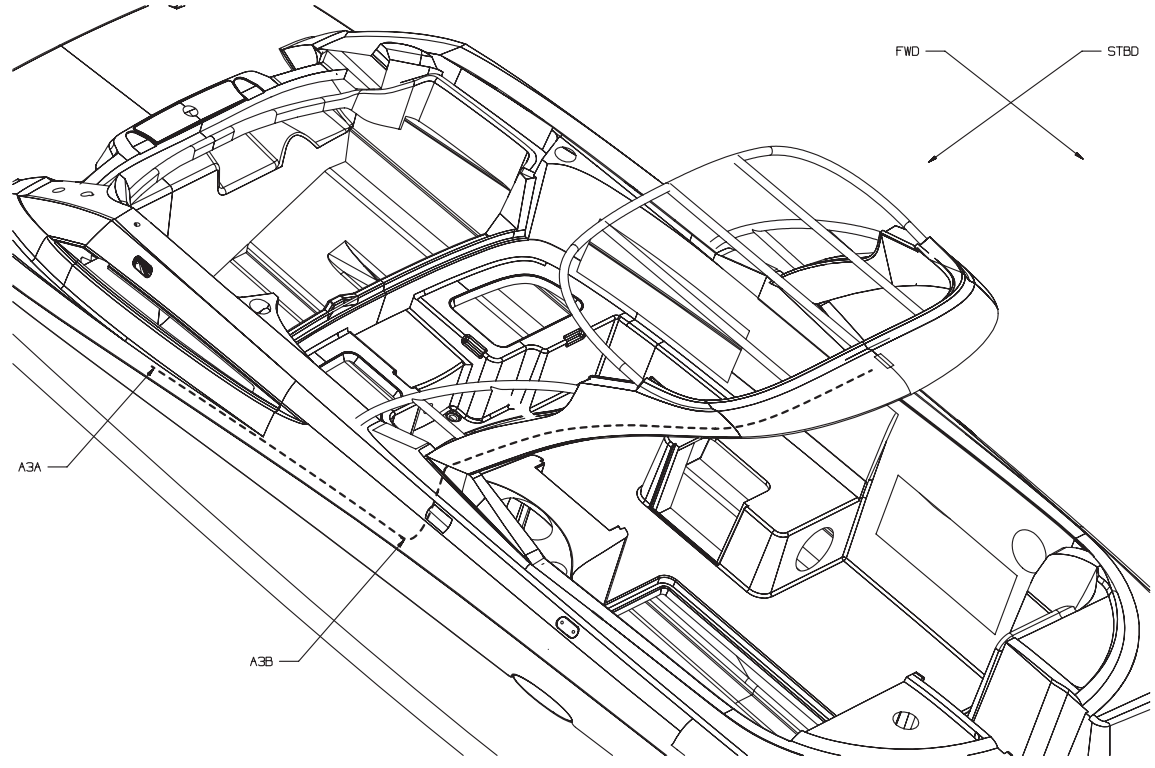
WASTE SYSTEM HARNESS  
DRAWING NO. 09-811  
(Fig. 22.2)



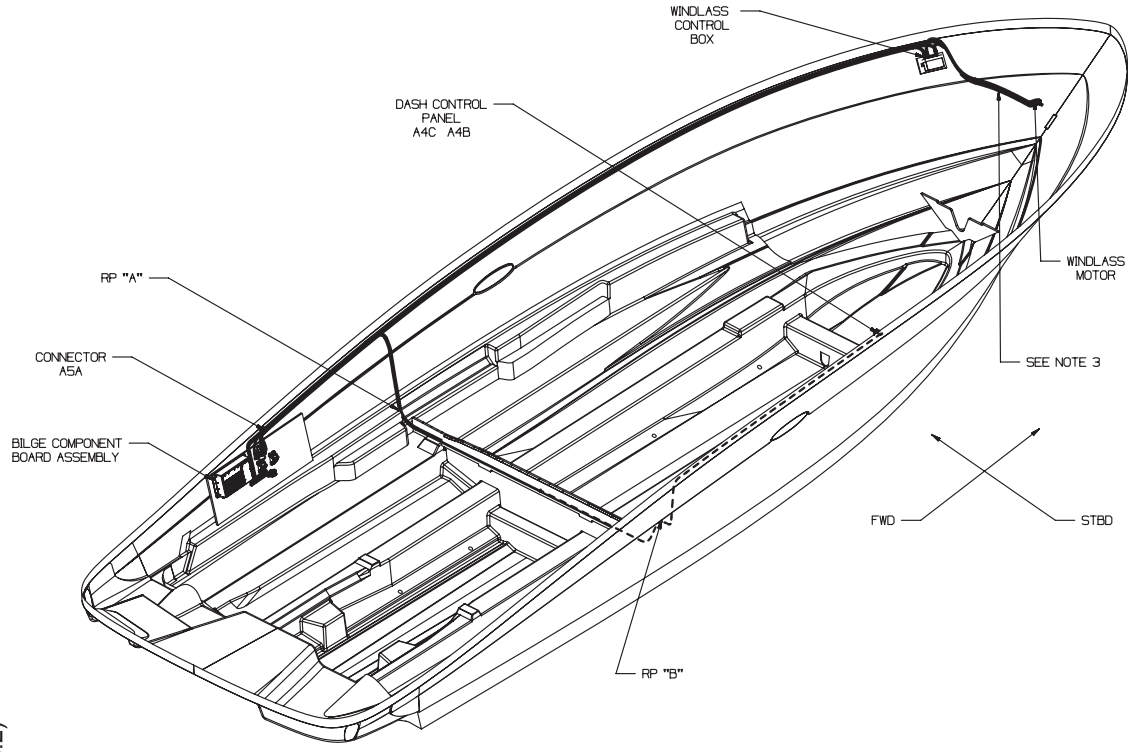


# ELECTRICAL SCHEMATICS, 270 SELECT EX (CONTINUED)

SPORT TOWER HARNESS  
DRAWING NO. 09-813  
(Fig. 23.1)



WINDLASS HARNESS  
DRAWING NO. 09-821  
(Fig. 23.2)



**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.

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