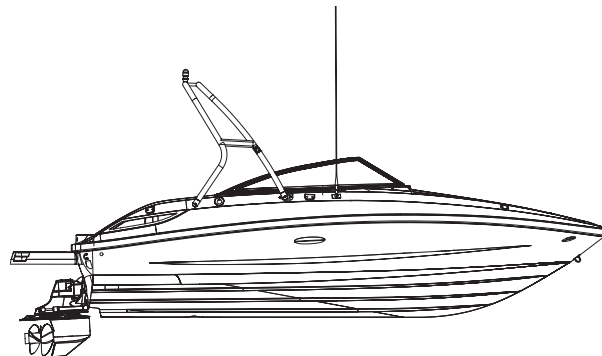


*Sea Ray* 

Specific  
Information  
Manual

210 Sundeck®





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# 210 SUNDECK® 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  
210 Sundeck®

Printed in the U.S.A. June 2008

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Sea Ray Boats, Inc. 2600 Sea Ray Blvd., Knoxville, TN 37914  
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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# 210 SUNDECK® OWNERS MANUAL

## 1. LOAD CAPACITY

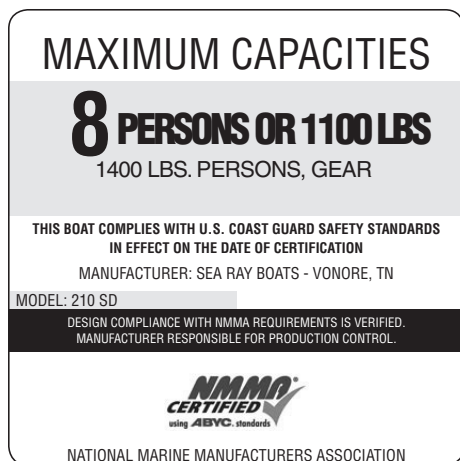
Refer to the General Information Manual for a detailed explanation of *Load Capacity*.

### DANGER

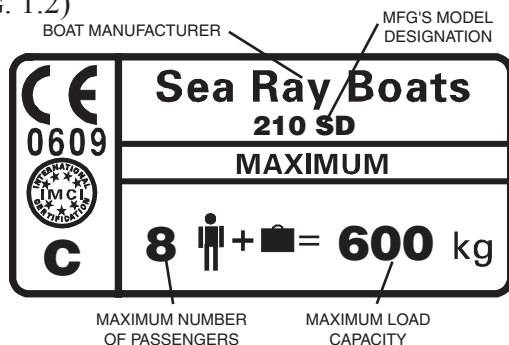
Never carry more weight or passengers than indicated on the certification plate, regardless of weather or water conditions.

The boat can capsize, swamp or sink.

BUILDER'S PLATE (DOMESTIC)  
(FIG. 1.1)



BUILDER'S PLATE (INTERNATIONAL)  
(FIG. 1.2)



### 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.

## 2. PASSENGER LOCATIONS

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

### WARNING

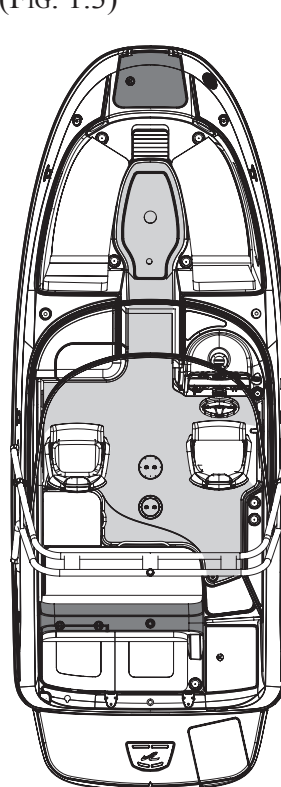
Boat motion can be erratic.

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.

PASSENGER LOCATIONS  
(FIG. 1.3)



ACCOMMODATION DECK  
(DECK AREA INTENDED FOR  
OCCUPATION DURING NORMAL  
OPERATION)



DO NOT STAND OR WALK ON THIS  
AREA WHILE UNDERWAY.

### 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

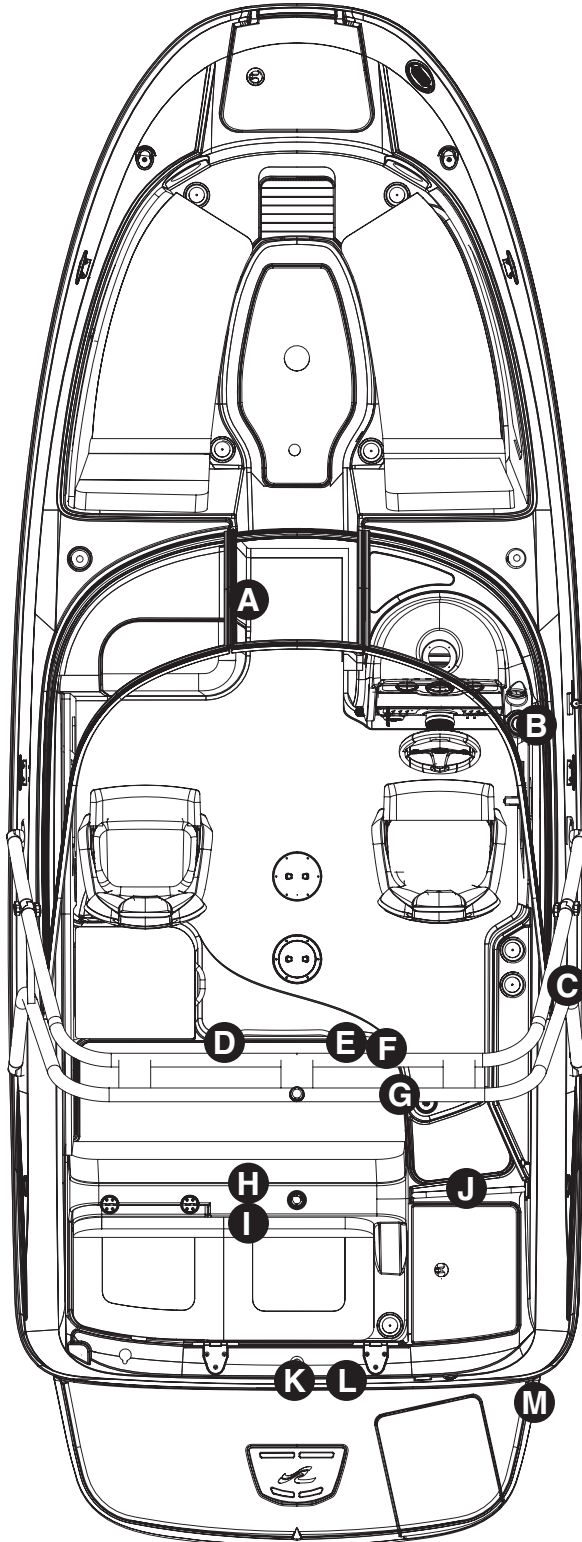
Rear facing transom seats **MUST NOT** be used while engine is running or boat is moving.



# 210 SUNDECK® OWNERS MANUAL

## 3. SAFETY LABEL LOCATIONS

SAFETY LABEL LOCATIONS  
(FIG. 2.1)



**A**

THE UNITED STATES COAST GUARD  
(USCG) RECOMMENDS THAT ALL  
OCCUPANTS WEAR APPROVED PERSONAL  
FLOATATION DEVICES (PFDs).

### **⚠ DANGER**

**PROPELLER(S) MAY CAUSE SERIOUS  
INJURY OR DEATH.**  
Shut-off engine(s) when near swimmers, prior to  
using sunpads, swim platform, or boarding ladder.

### **⚠ WARNING**

**AVOID COLLISIONS-**  
• Maintain lookout as required by the "Rules of  
the Road"  
• Visibility can be limited by high boat trim  
angles, persons, gear, weather and atmospheric  
conditions.  
• At all times proceed at a safe speed, in order  
to take proper and effective action to avoid  
hazardous conditions.  
**SUCH ISSUES ARE UNDER THE CONTROL OF  
THE OPERATOR!**

**AVOID SKI LINES AND TOW ROPES-**  
Ski lines and tow ropes can backlash into the  
cockpit when released.

### **⚠ CAUTION**

**AVOID INHALATION OF TOXIC FUMES-**  
If fire extinguishing system discharge occurs,  
ventilate space before entering.

MRP # 1895601

### **⚠ WARNING**



**Carbon monoxide (CO)** can cause brain damage or death.  
Engine and generator exhaust contains odorless and colorless carbon monoxide gas.  
Signs of carbon monoxide poisoning include nausea, headache, dizziness, drowsiness,  
and lack of consciousness.  
Get fresh air if anyone shows signs of carbon monoxide poisoning.  
See Owner's Manual for information regarding carbon monoxide poisoning.

NW 204-05

## MAXIMUM CAPACITIES

**8 PERSONS OR 1100 LBS**  
1400 LBS. PERSONS, GEAR

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

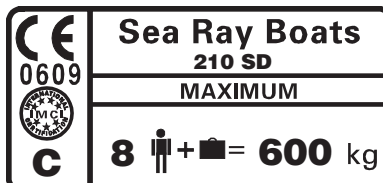
MANUFACTURER: SEA RAY BOATS - VONORE, TN

MODEL: 210 SD

DESIGN COMPLIANCE WITH NMMA REQUIREMENTS IS VERIFIED.  
MANUFACTURER RESPONSIBLE FOR PRODUCTION CONTROL.



NATIONAL MARINE MANUFACTURERS ASSOCIATION



THIS TAG INSTALLED WHEN BOAT IS ORDERED  
WITH CE INTERNATIONAL OPTION

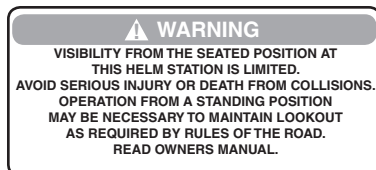


# 210 SUNDECK® OWNERS MANUAL

## SAFETY LABEL LOCATIONS (CONTINUED)

### SAFETY LABEL LOCATIONS (FIG. 3.1)

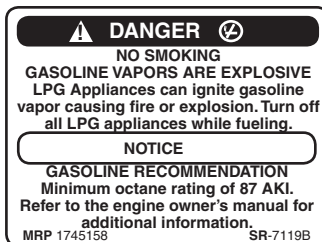
**B**



MRP 1743528

BCM-714

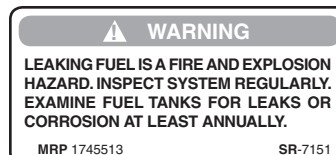
**C**



MRP 1745158

SR-7119B

**D**



MRP 1745513

SR-7151

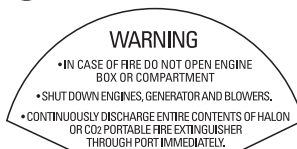
**E**



MRP 1745512

SR-7149

**F**

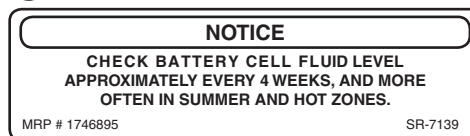


MRP #1744762

SR-766

ONLY ON BOATS WITHOUT AN OPTIONAL AUTOMATIC FIRE SUPPRESSION SYSTEM

**G**



MRP # 1746895

SR-7139

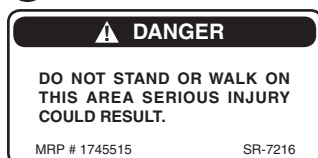


MRP # 1746901

SR-7167

ON BATTERY SWITCH PANEL

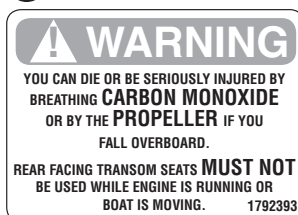
**H**



MRP # 1745515

SR-7216

**I**



1792393

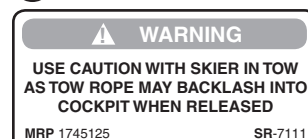
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MRP 1743571

SR-7102

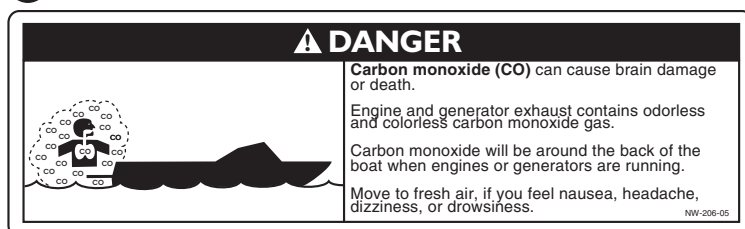
**K**



MRP 1745125

SR-7111

**L**



NW-206-05

**M**



MRP 1745519

SR-7214



## SAFETY LABEL LOCATIONS (CONTINUED)

SAFETY LABEL LOCATIONS  
(FIG. 4.1)

### 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

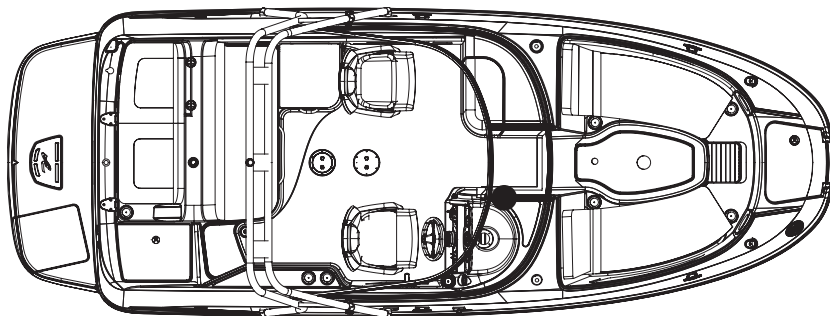
PLASTICS

LOCATED ON INSIDE OF STARBOARD STORAGE DOOR

**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.

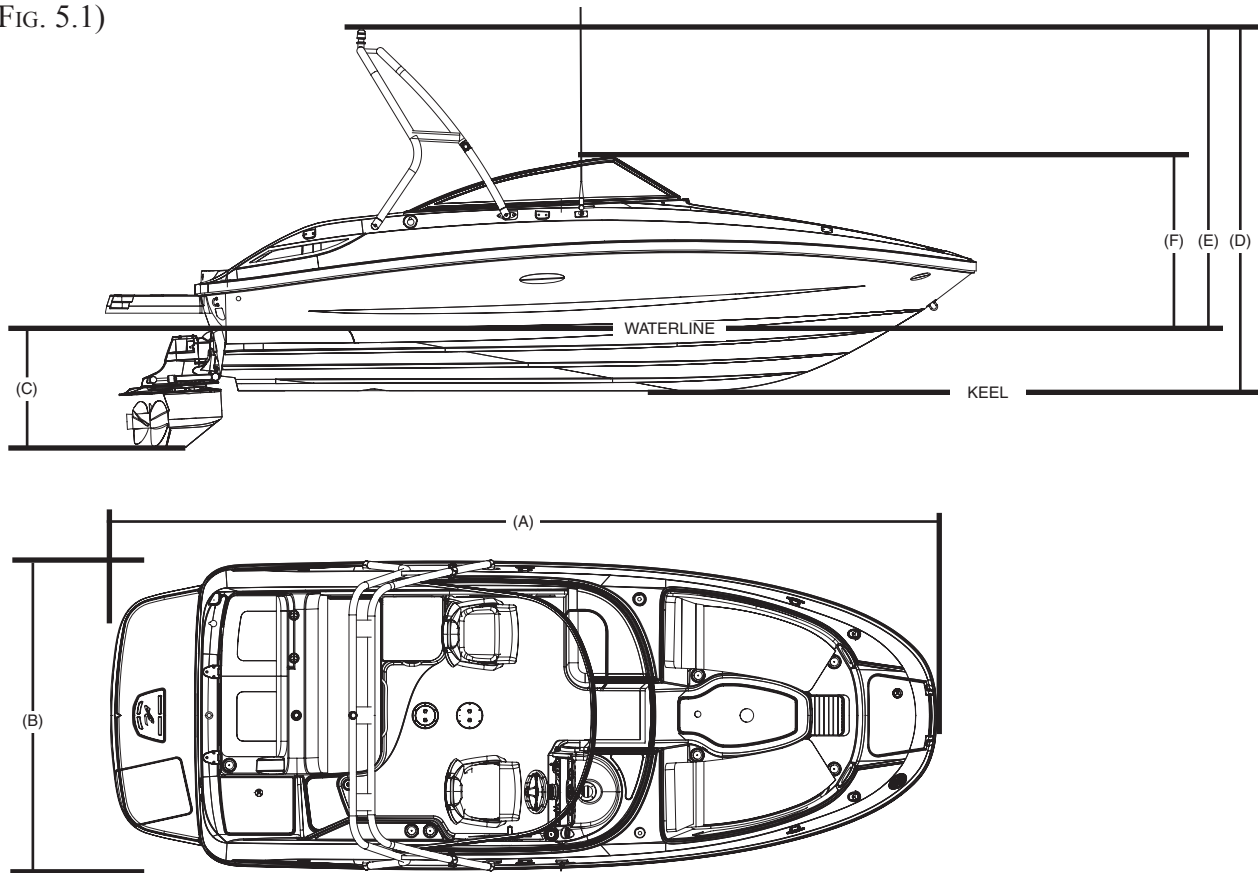




# 210 SUNDECK® OWNERS MANUAL

## 4. BASIC BOAT DIMENSIONS AND CLEARANCES

BOAT DIMENSIONS AND CLEARANCES  
(FIG. 5.1)



### 210 SUNDECK® SPECIFICATIONS

(A) Overall Length		
With Std. Swim Platform.....	22' 4"	6.81 m
(B) Beam (Width).....	8' 5"	2.57 m
(C) Draft (Stern Drive Down) .....	38¾"*	98.4 cm*
Draft (Stern Drive Up).....	23½"*	59.7 cm*

\* MINIMUM WATER DEPTH TO PREVENT RUNNING AGROUND

Dry Weight.....	4,835 lbs.	2,193 kg.
Fuel Capacity.....	45 gal.	170 liters
Usable Fuel .....	40 gal.	153 liters
Fresh Water Capacity (Opt) .....	5 gal.	19 liters
Dead Rise.....	21°	

### HEIGHT DIMENSIONS

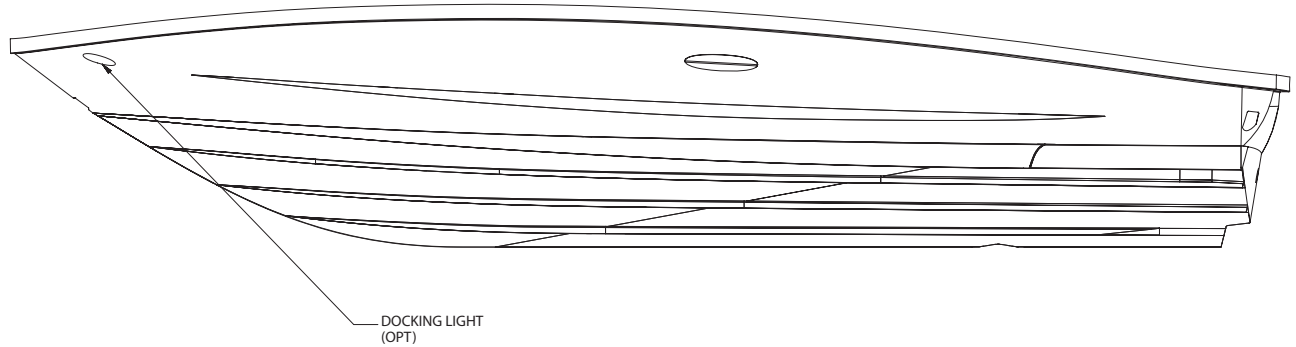
(D) Keel to Top of Nav Light.....	9' 2¾"	2.81 m
(E) Waterline to Top of Nav Light .....	7' 7¾"	2.33 m
(F) Waterline to Top of Windshield .....	4' 3½"	1.31 m

NOTE - DIMENSIONS CAN VARY DEPENDING ON LOAD AND RUNNING CONDITIONS.

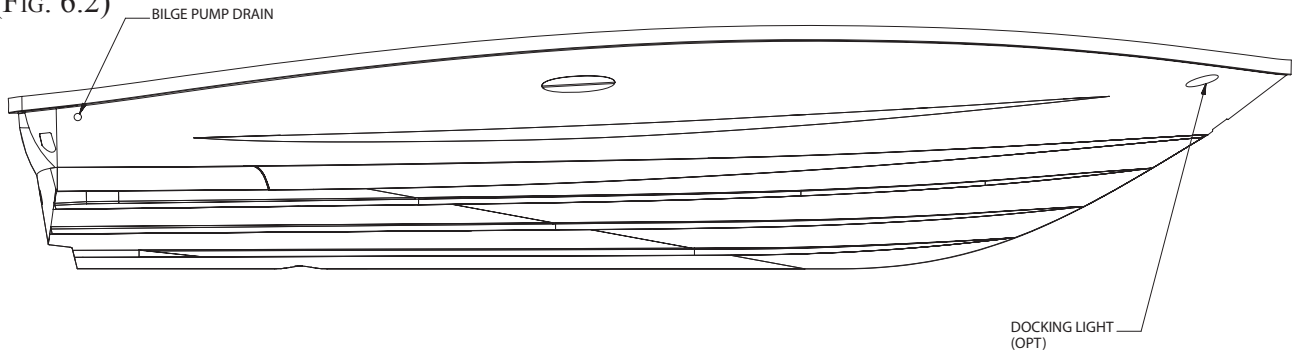


## 5. FUNCTION AND LOCATION OF THROUGH-HULL CUTOUTS

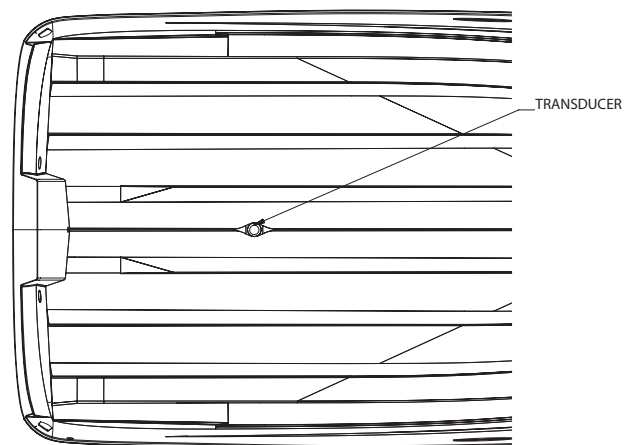
PORT THROUGH-HULL CUTOUTS  
(FIG. 6.1)



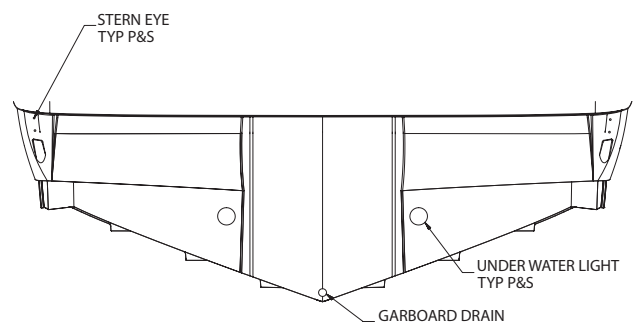
STARBOARD THROUGH-HULL CUTOUTS  
(FIG. 6.2)



BILGE THROUGH-HULL CUTOUTS  
(FIG. 6.3)



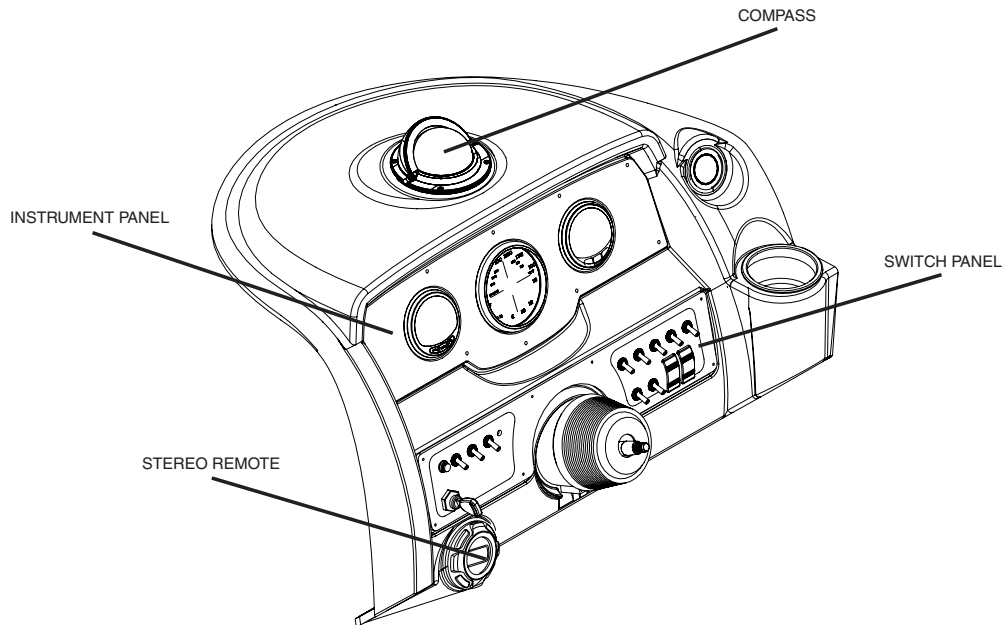
TRANSOM THROUGH-HULL CUTOUTS  
(FIG. 6.4)



# 210 SUNDECK® OWNERS MANUAL

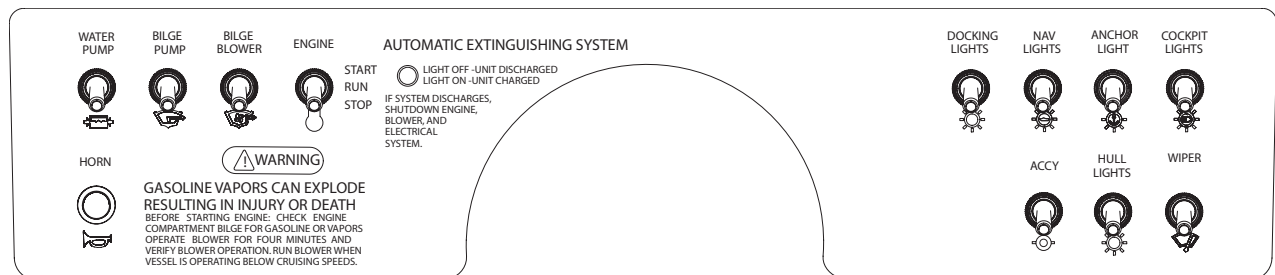
## 6. HELM, GAUGE & SWITCH LAYOUT

HELM  
(FIG. 7.1)



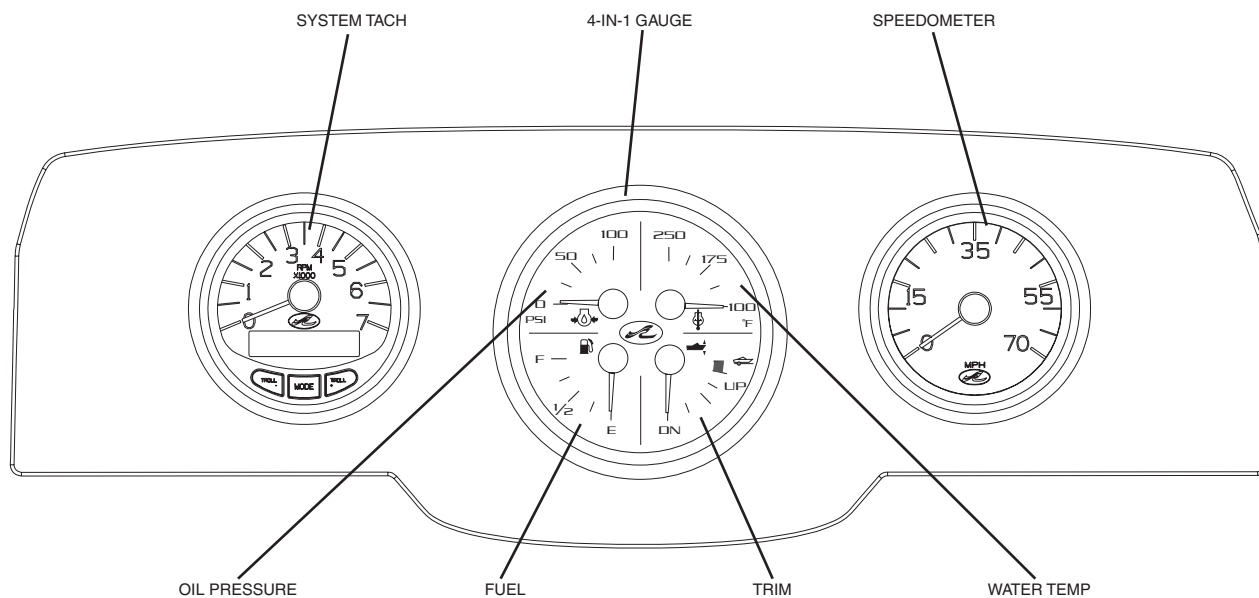
*Standard Configuration*

CONTROL STATION SWITCH PANEL  
(FIG. 7.2)

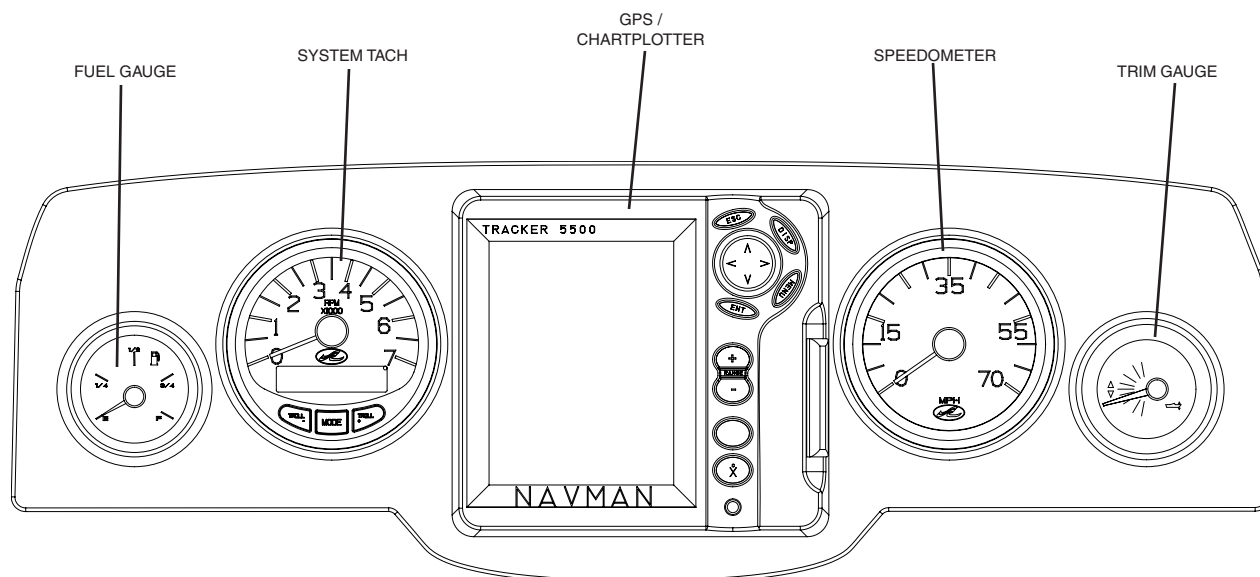


# 210 SUNDECK® OWNERS MANUAL

CONTROL STATION INSTRUMENT PANEL (STANDARD)  
(FIG. 8.1)

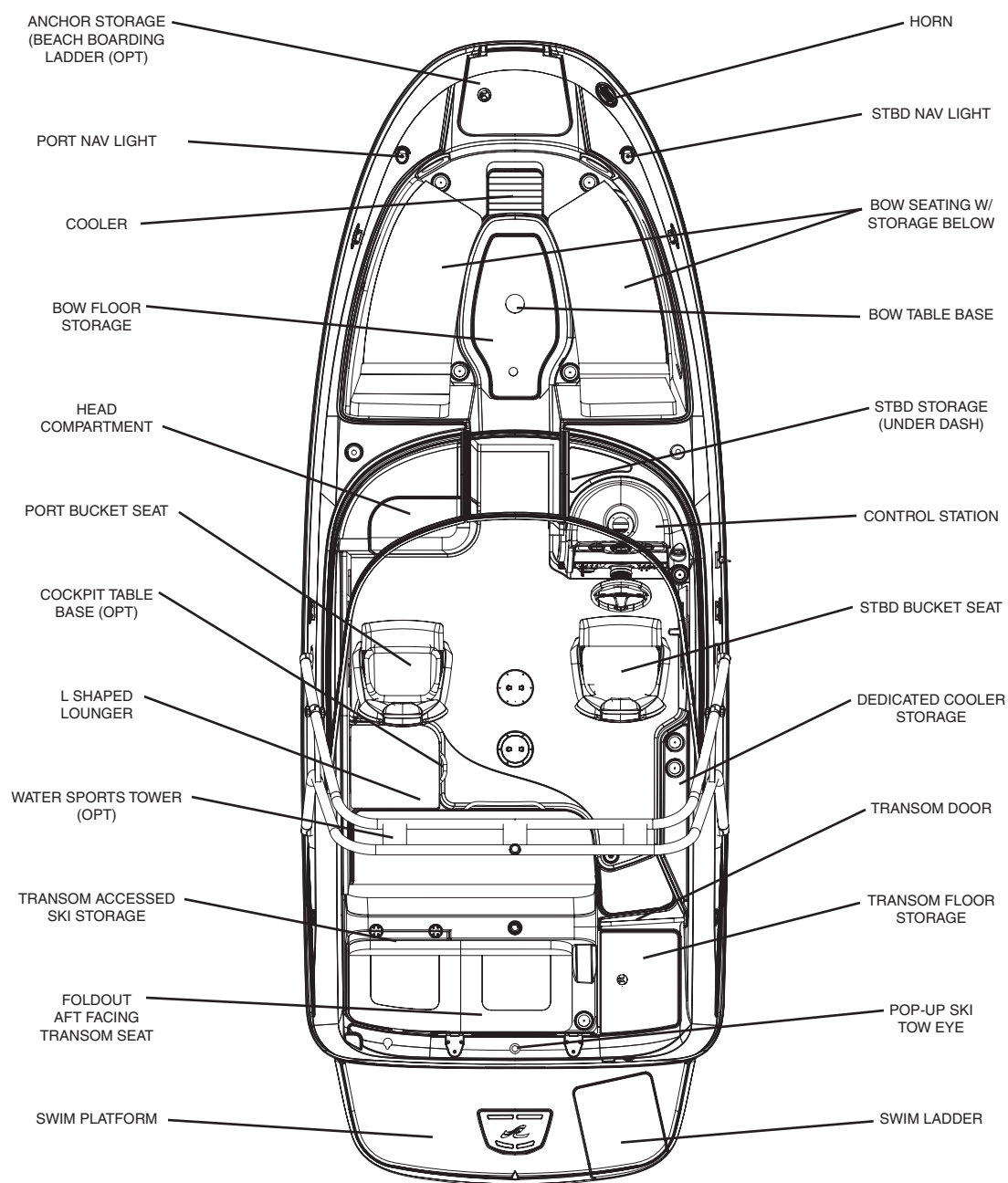


CONTROL STATION INSTRUMENT PANEL (OPTIONAL)  
(FIG. 8.2)



## 7. DECK LAYOUT

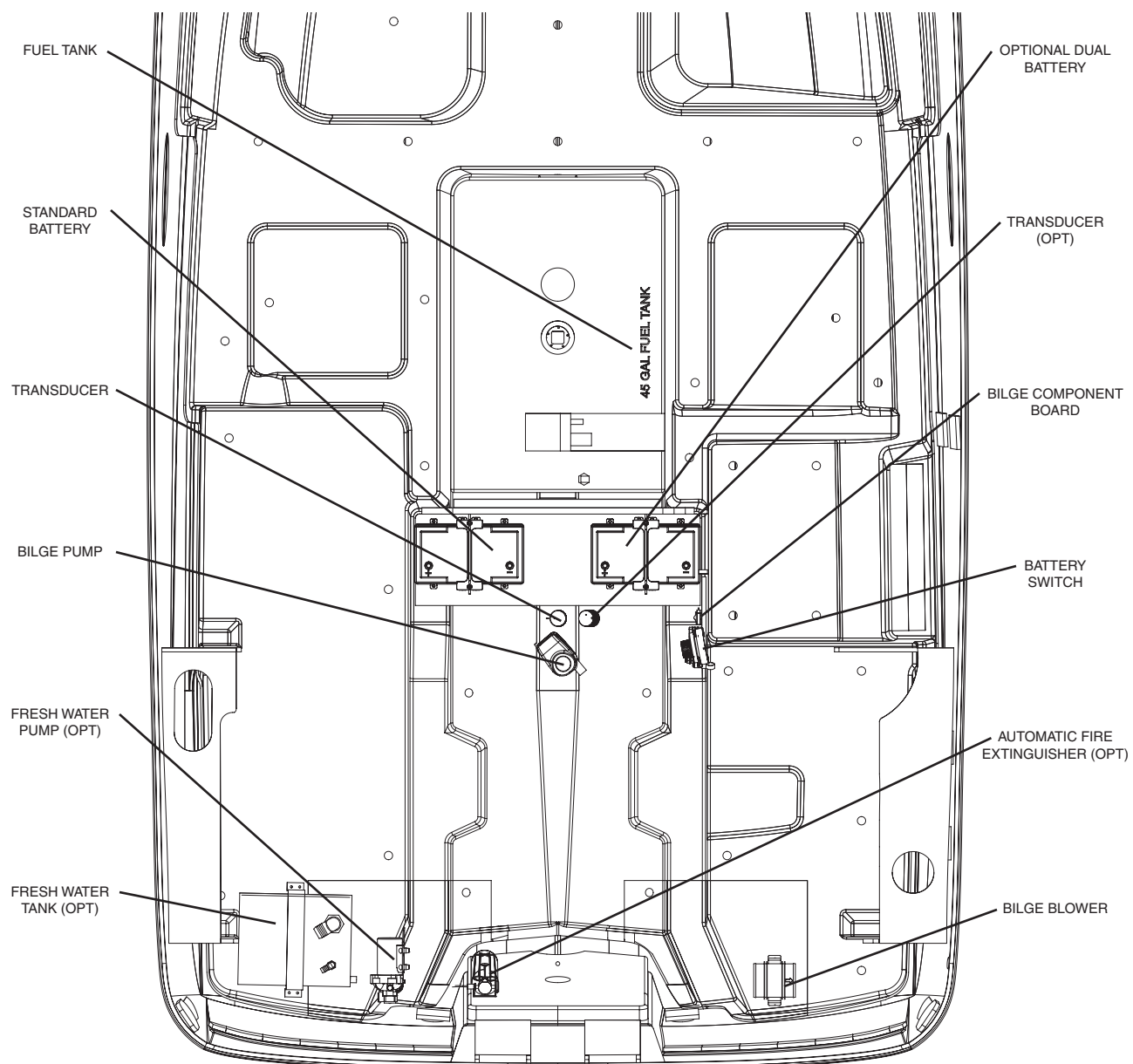
DECK LAYOUT  
(FIG. 9.1)





## 11. BILGE LAYOUT

BILGE LAYOUT  
(FIG. 11.1)



## 12. FIRE EXTINGUISHING SYSTEM

Your 210SD has a fire extinguisher port located on the starboard forward face of the aft bench seat base. Refer to the General Information Manual for a detailed explanation of the fire extinguisher port.

An optional automatic fire extinguisher system is also available. Refer to the General Information Manual for a detailed explanation of the automatic fire extinguisher system.

## 13. FUEL SYSTEM

The gasoline fuel system on your 210SD consists of a 45 gal. (170 liter) fuel tank, fuel tank vent, anti-siphon valve, mechanical sending unit, engine fuel supply line and fuel fill.

## 14. WATER SYSTEM (OPTION)

The optional fresh water system on the 210SD consists of a 5 gal. (19 liter) tank, 12v water pump and a pull out transom shower. Refer to the General Information Manual for a detailed explanation of the water system.

## 15. AFT FACING TRANSOM SEAT

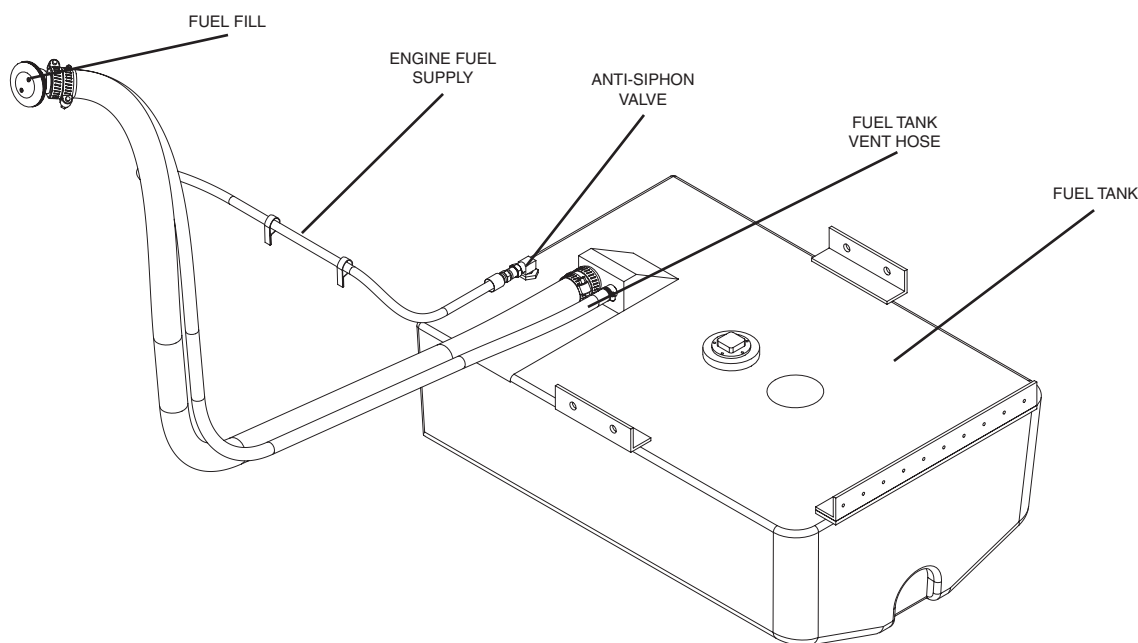
The foldaway aft facing transom seat is intended for use only when the engine is not running and the boat is not underway.

### WARNING

**You can die or be seriously injured by breathing carbon monoxide or by the propeller if you fall overboard.**

**Rear facing transom seats must not be used while engine is running or boat is moving.**

FUEL SYSTEM  
(FIG. 12.1)

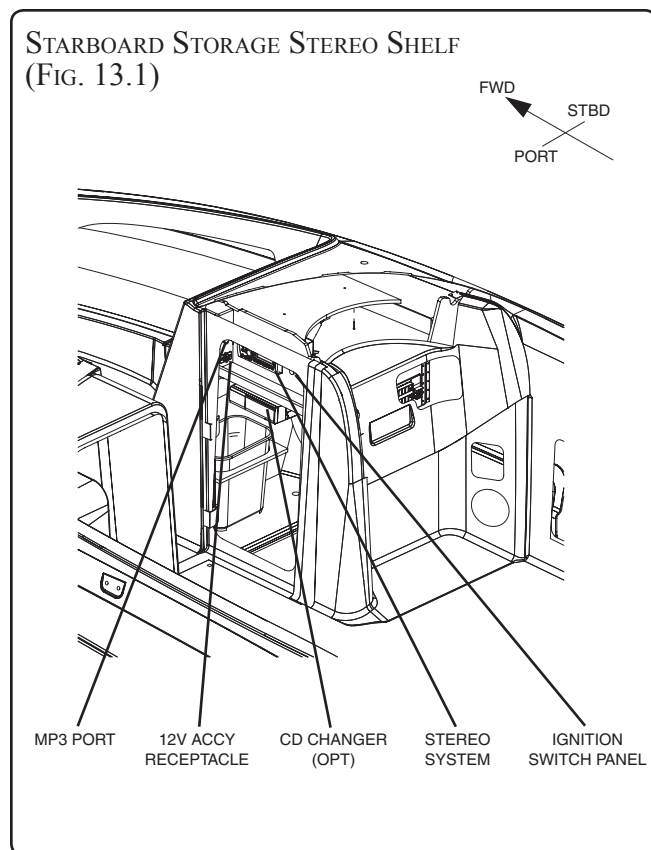




## 16. ENTERTAINMENT SYSTEM

The standard entertainment system on your 210SD consists of a 12V AM/FM single CD & satellite radio receiver, a remote MP3 port, amplifier, 4 water proof speakers and a digital cockpit remote control.

Optional stereo system upgrades include an additional stereo remote on the transom, 6 disc CD changer, upgraded speakers and speakers mounted on the optional water sports tower.



## 17. CANVAS

The standard canvas on the 210SD consists of:

Bimini Top with Boot

An optional Canvas Package for the Bimini Top consists of:

Aft Curtain

Front Curtains

Side Curtains

Cockpit Cover

Tonneau Cover

Canvas Storage Bag

The Cockpit, Tonneau Covers and Canvas Storage Bag are also available as a package.

A forward Bimini for the Water Sports Tower (Opt) is also available.

### DANGER

Exhaust fumes from engines contain deadly carbon monoxide gas (CO). Boats enclosed with canvas or with poor ventilation are most likely to collect fumes.

CO sickness symptoms include headache, nausea and dizziness. Do not mistake these symptoms for sea sickness.

Ventilate boat. See Section 1.4, Carbon Monoxide, for more details.

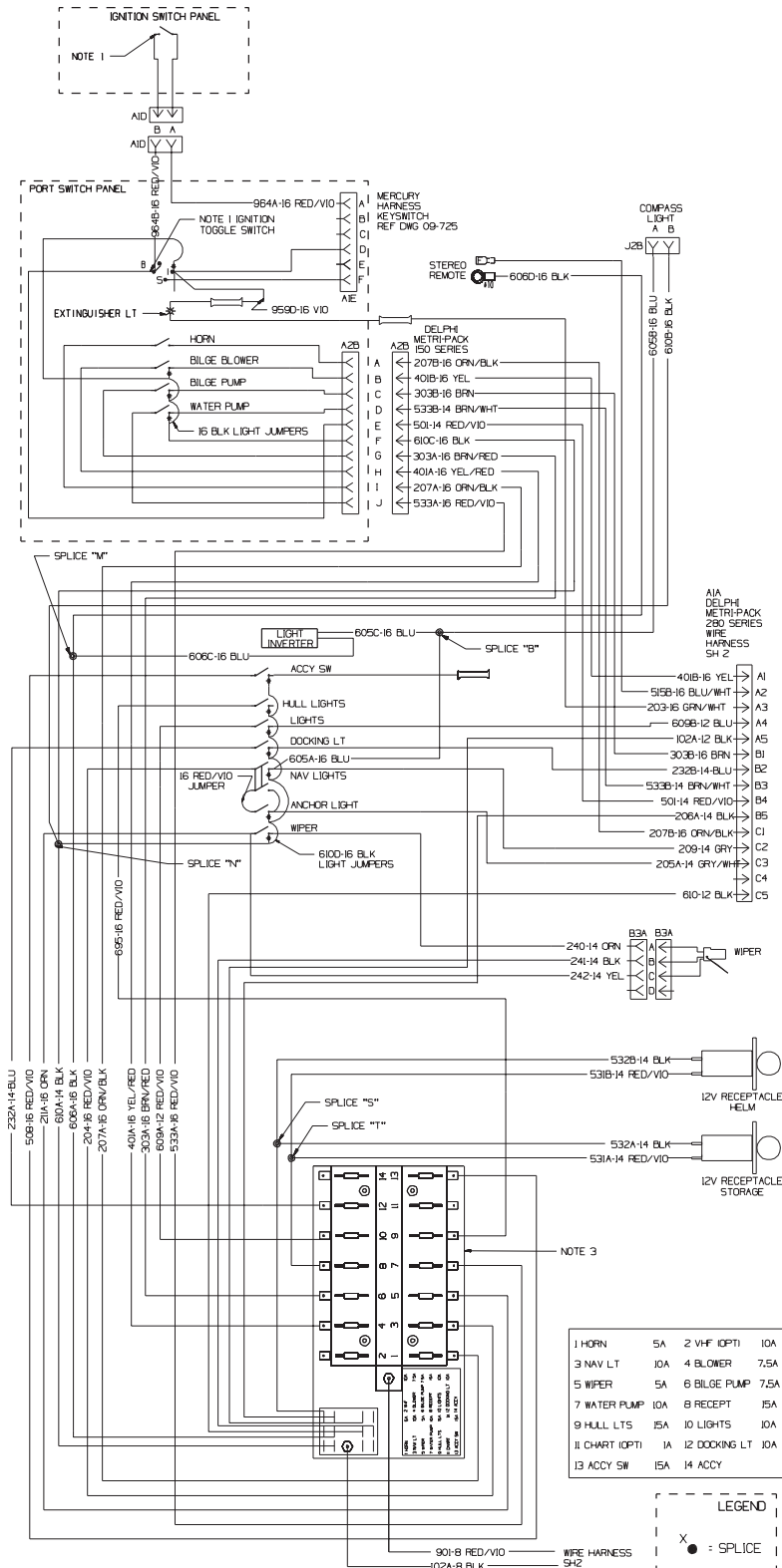
Do not use the rear (aft) curtain while engine is running or boat is moving.

## 18. 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.

# 210 SUNDECK® OWNERS MANUAL

DC WIRING SCHEMATIC  
DRAWING NO. 09-601 (1 OF 3)  
(FIG. 14.1)

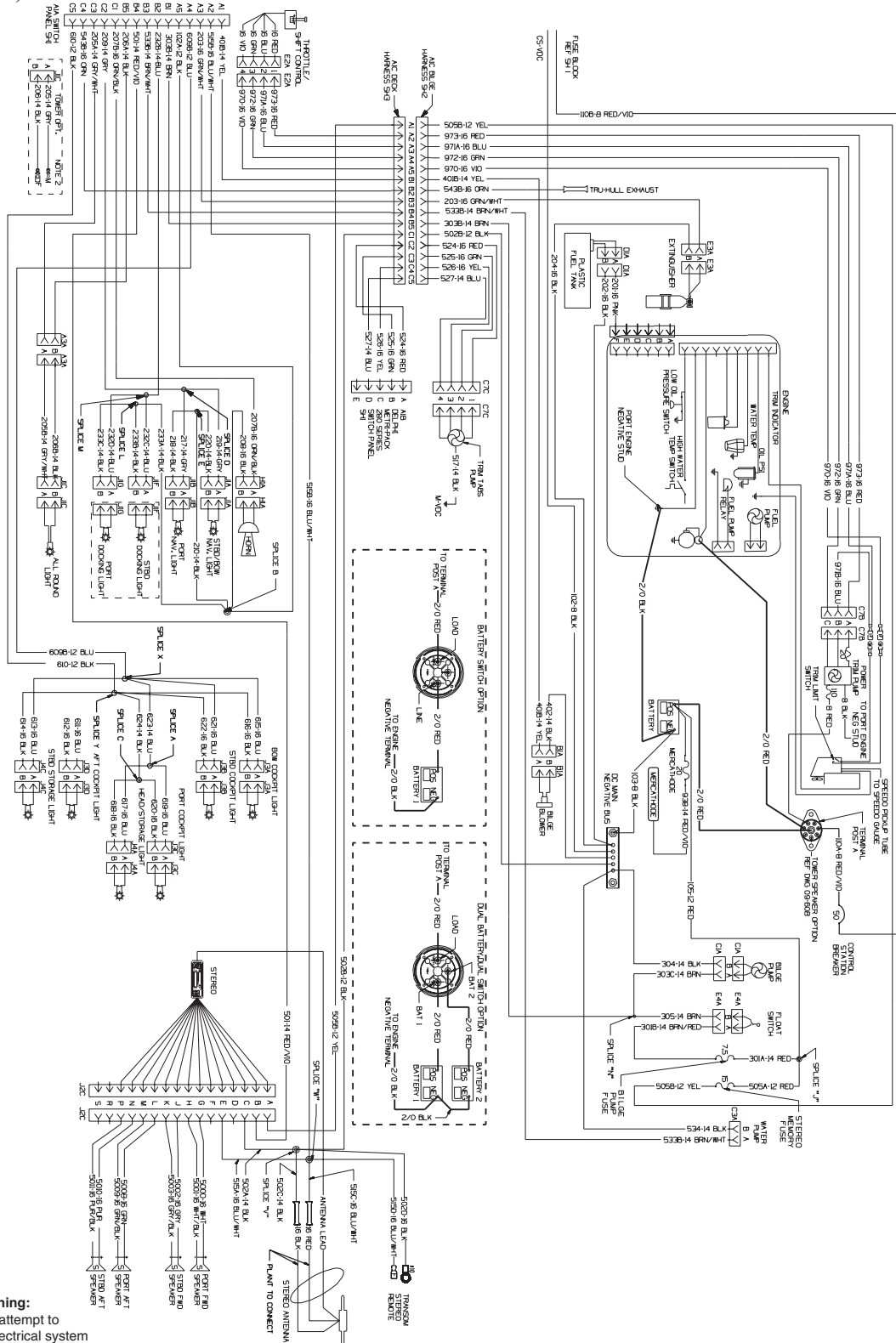


**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.



# 210 SUNDECK® OWNERS MANUAL

DC WIRING SCHEMATIC  
DRAWING NO. 09-601 (2 OF 3)  
(FIG. 15.1)



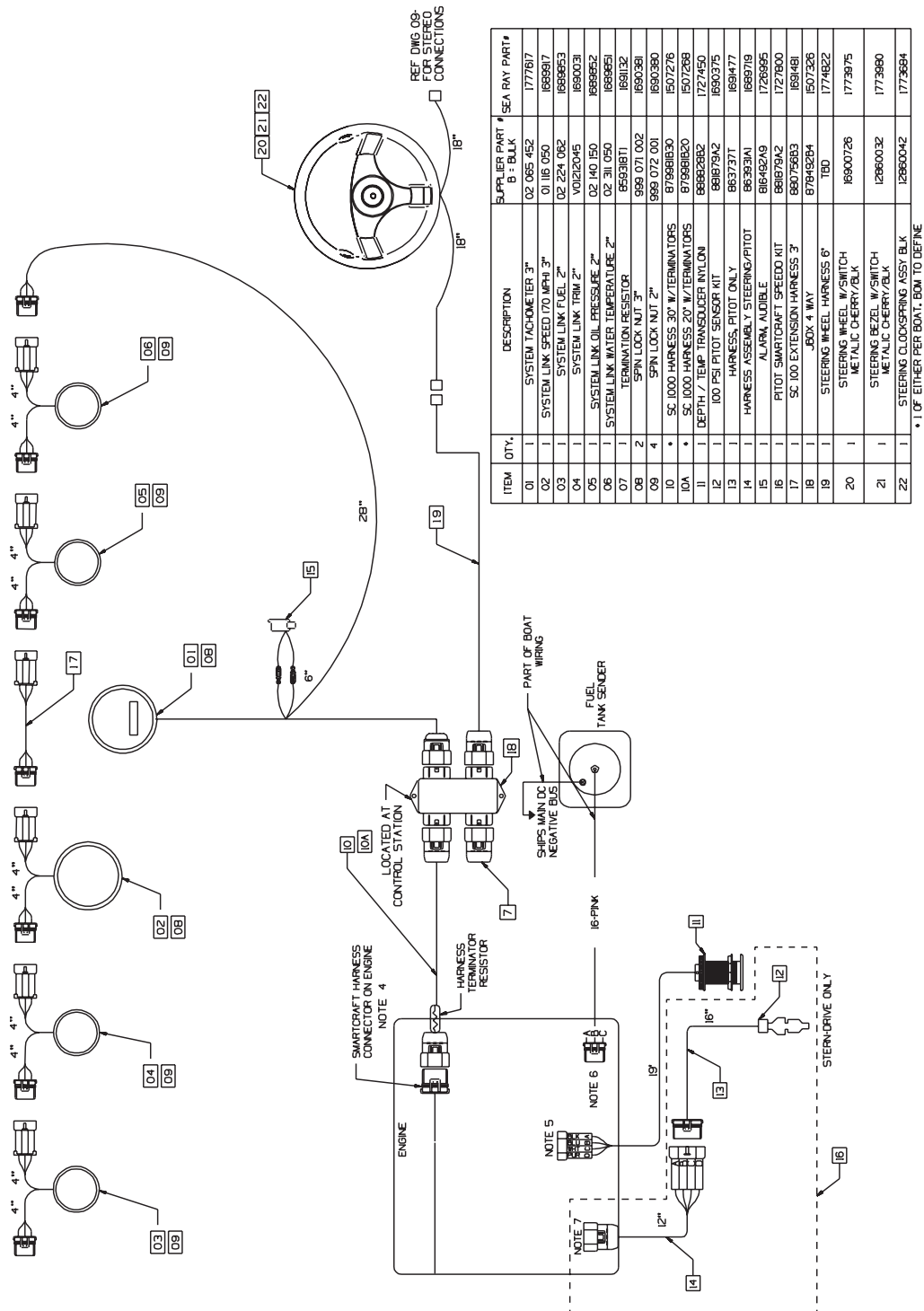






# 210 SUNDECK® OWNERS MANUAL

SMARTCRAFT SYSTEM WIRING DIAGRAM  
DRAWING NO. 09-710  
(FIG. 19.1)



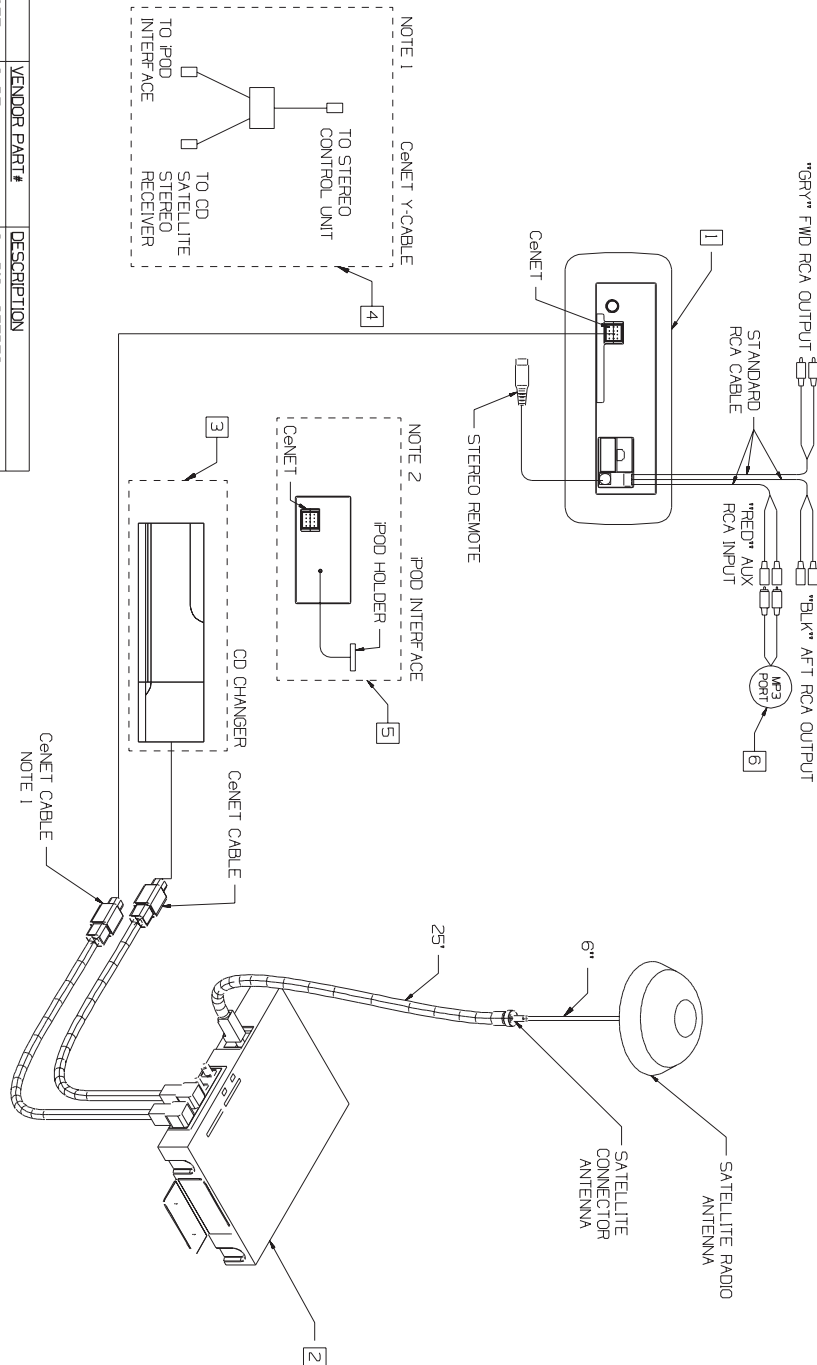
**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.



# 210 SUNDECK® OWNERS MANUAL

SATELLITE STEREO SYSTEM DIAGRAM  
DRAWING NO. 09-715  
(FIG. 20.1)

ITEM	MFG.	VENDOR PART	DESCRIPTION
1	IB94055	CMD5	CLARION STEREO
2	IB47461	CIR-CL 3M-6M0	SIRIUS SAT. RECEIVER
3	1733835	DCZ625	CD CHANGER
4	IB99882	CCA-519-601	CeNET Y-CABLE
5	IB98878	EA1276B	iPOD INTERFACE
6	IB50253	MA-AUX2	AUX MP3 JACK

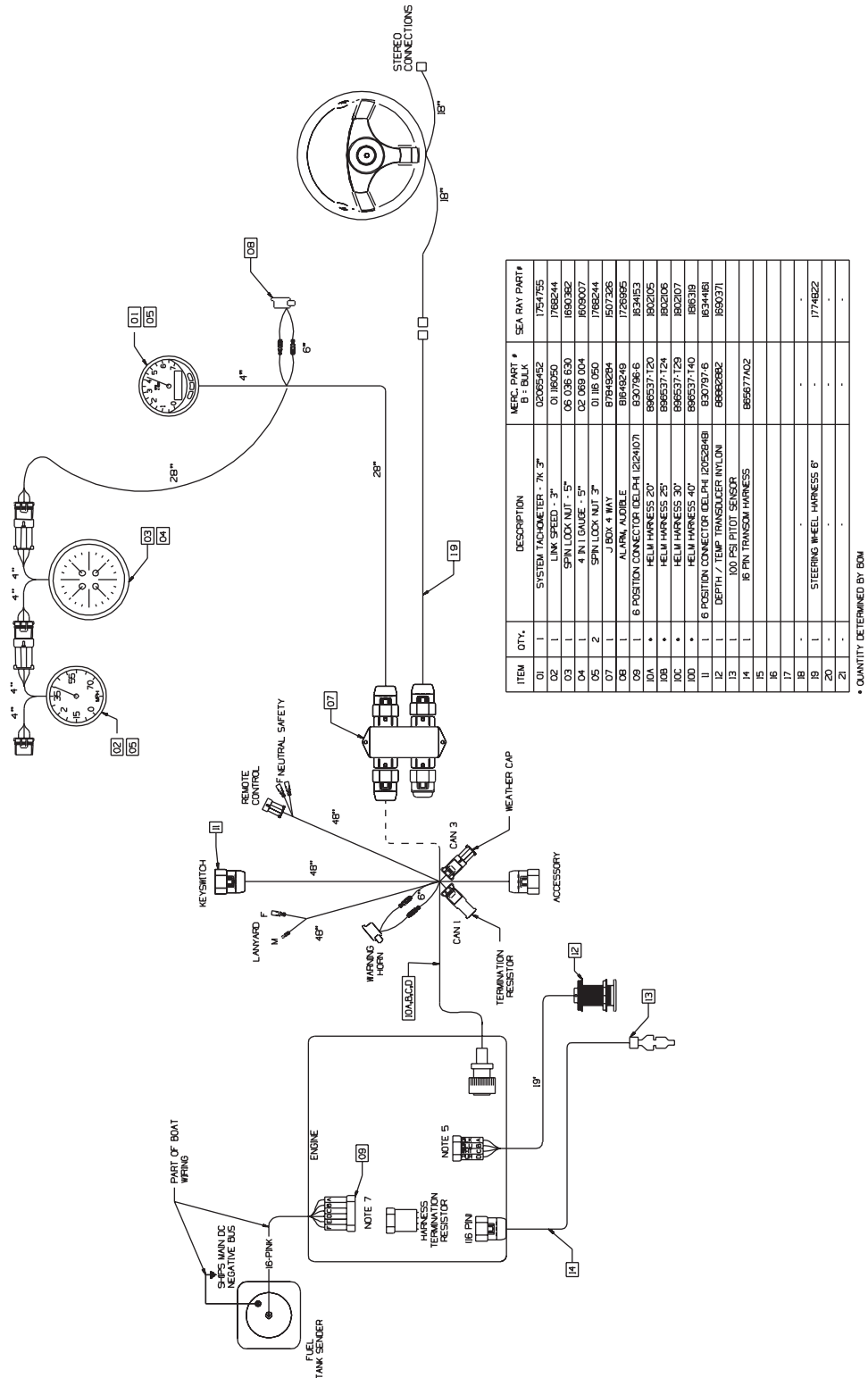


**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.



# 210 SUNDECK® OWNERS MANUAL

14 PIN SMARTCRAFT SYSTEM WIRING DIAGRAM  
DRAWING NO. 09-725  
(FIG. 21.1)



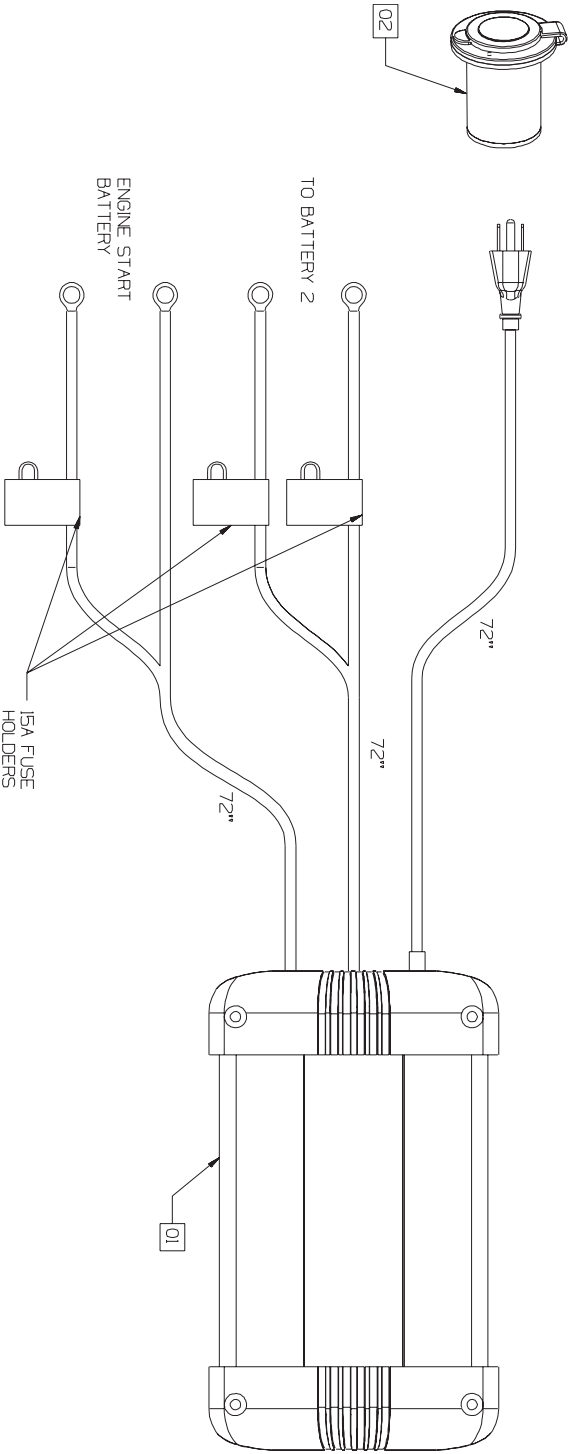
**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.



# 210 SUNDECK® OWNERS MANUAL

BATTERY CHARGER SYSTEM PRINT (INTERNATIONAL)  
DRAWING NO. 09-738  
(FIG. 22.1)

Item #	MRP #	Vendor Part Number	See Ray - AS400 Description
01	1835712	51010	CHARGER, BATT 10A 2-BANK PRO TOUR
02	1835713	51202	HOLDER, BATT CHARGER PLUG

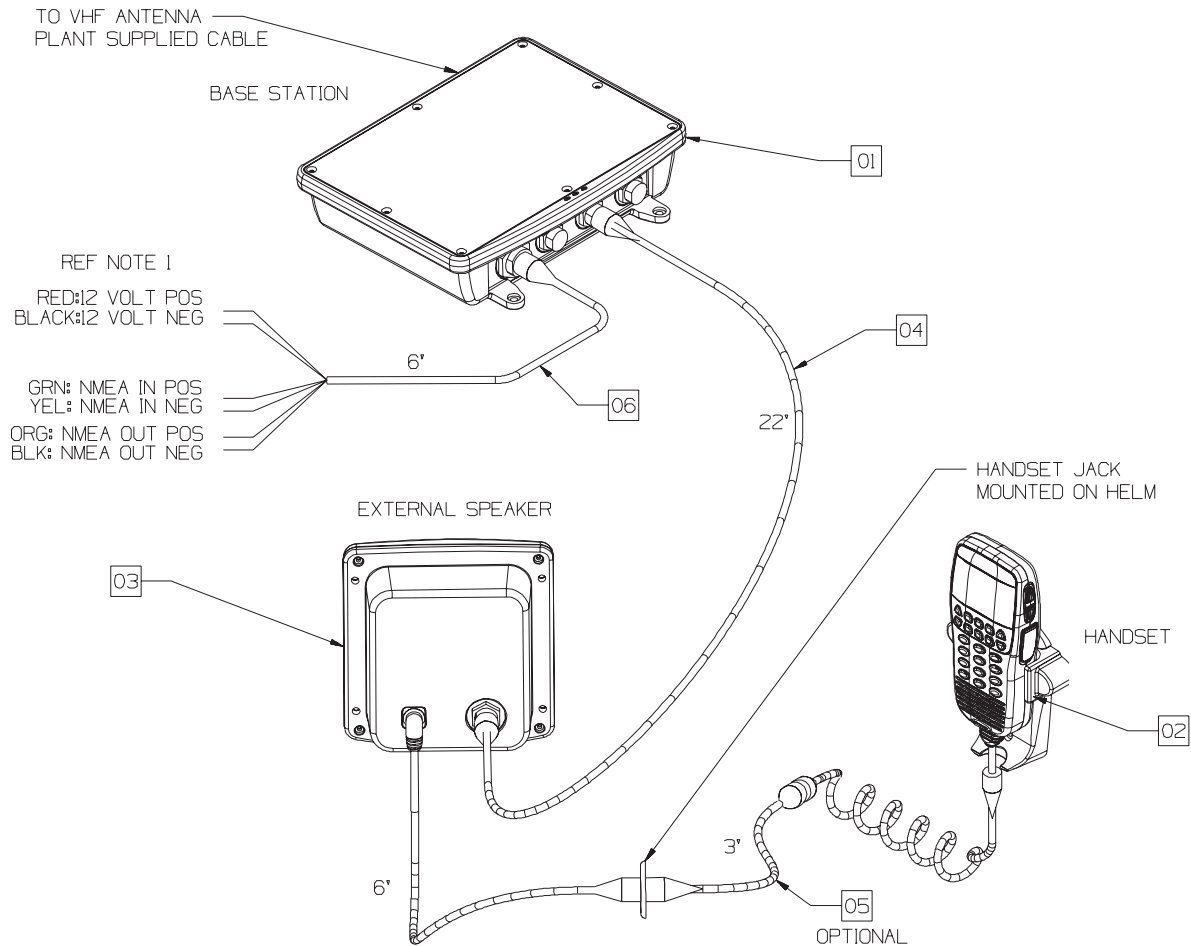


**Warning:**  
DO NOT attempt to  
work on the electrical system  
of this boat without professional  
assistance.



# 210 SUNDECK® OWNERS MANUAL

**NORTHSTAR BLACK BOX VHF SYSTEM DIAGRAM**  
**DRAWING NO. 09-745**  
**(FIG. 23.1)**



Item #	MRP #	Vendor Part Number	Sea Ray - AS400 Description
01*	1807908	NSSVHF	BASE, PLAS NRTHSTR VHF RADIO BLKBOX
02*	1807910	NSHST-VHF	RADIO, VHF NRTHSTR BLKBOX HANDSET
03*	1807911	NSSPK-VHF	SPEAKER, REMOTE NRTHSTR VHF BLKBOX
04*	1807869	WC278-7-7M	HARNESS, NRTHSTR VHF BLKBOX TO SPKR CBL 72"
05	1807870	WC279-1-1M	HARNESS, NRTHSTR VHF BLKBOX SPKR-HNDSET EXT 3'
06*	1807871	WA101-VHF	HARNESS, NRTHSTR VHF BLKBOX PWR CBL 6'
NOT SHOWN	1807449	NS100SS	RADIO, VHF NORTHSTAR NS100 (COMPLETE PACKAGE)

\* INCLUDED IN COMPLETE PACKAGE PART #1807449

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



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