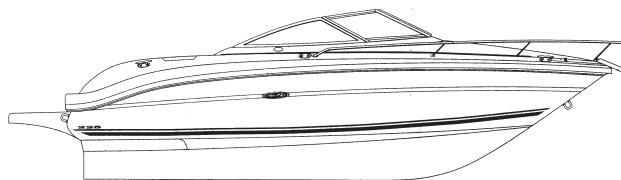




Specific Information Manual

225 Weekender



Manual Part Number: MRP 1902268



225 WEEKENDER SPECIFIC INFORMATION MANUAL

TABLE OF CONTENTS

1. Load Capacity.....	1
2. Passenger Locations	1
3. Safety Label Locations	2
4. Basic Boat Dimensions and Clearances	3
5. Function and Location of Through-Hull Cutouts	4
6. Helm, Gauge & Switch Layout.....	5
7. Deck Layout.....	6
8. Navigation and Anchor Lights.....	7
A. Lighting	7
9. Cleats	7
10. Bilge Layout.....	8
11. Fuel System.....	8
A. Diesel Fuel System (Optional).....	8
12. Canvas	9
13. Entertainment System	9
14. Electrical Schematic	9

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

225 Weekender

Printed in the U.S.A. April 2007

© Sea Ray Boats, Inc. • A Brunswick Company

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.

The following are registered trademarks of the Brunswick Corporation: Sea Ray® & The SR Wave Logo

Sea Ray 



THIS PAGE INTENTIONALLY LEFT BLANK



225 WEEKENDER OWNERS MANUAL

1. LOAD CAPACITY

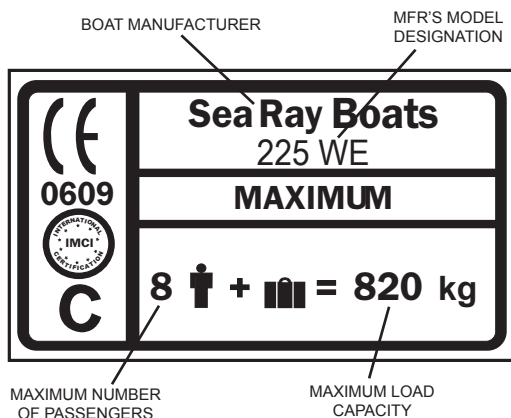
Refer to the General Information Manual for a detailed explanation of Load Capacity.

! 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)



BUILDER'S PLATE (DOMESTIC)
(Fig. 1.2)



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.

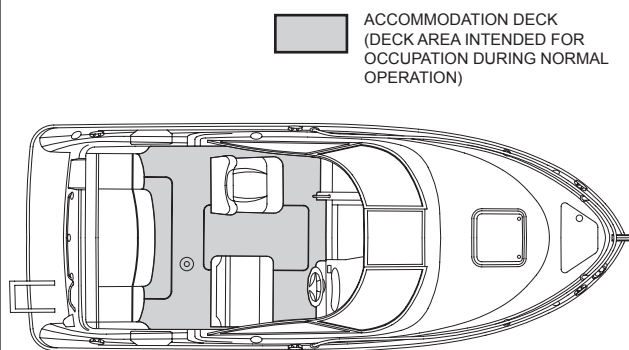
! WARNING

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. 1.3)



! 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 be used while engine is running or boat is moving.





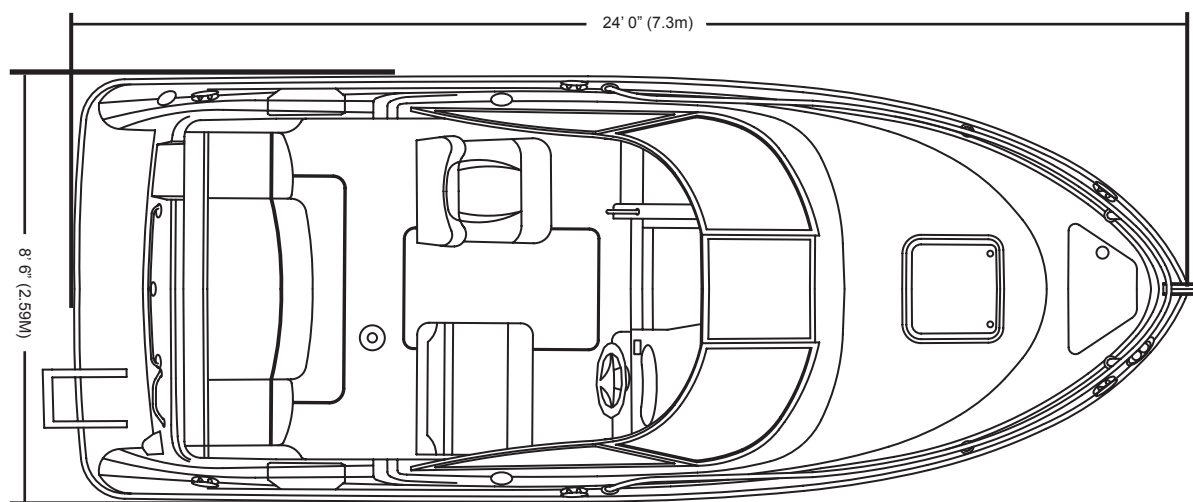
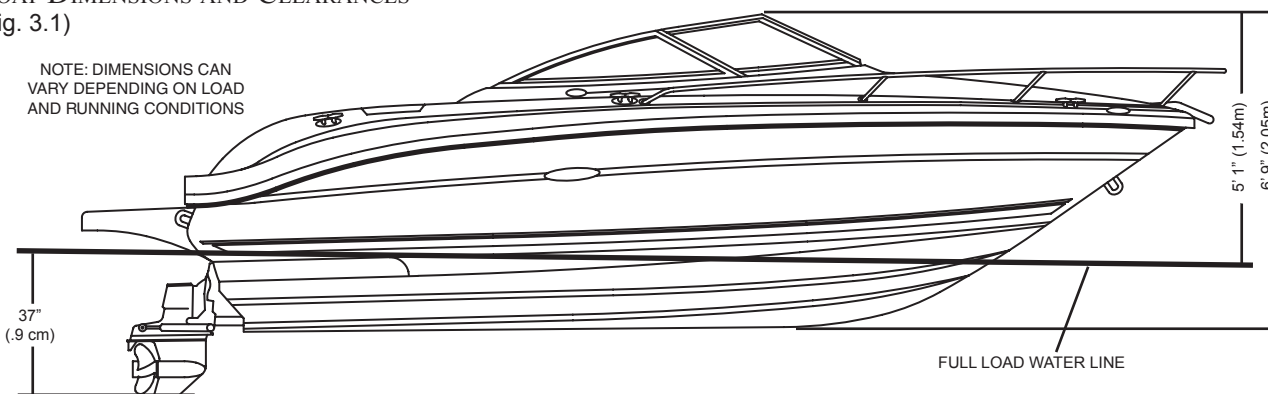
225 WEEKENDER OWNERS MANUAL

4. BASIC BOAT DIMENSIONS AND CLEARANCES

BOAT DIMENSIONS AND CLEARANCES

(Fig. 3.1)

NOTE: DIMENSIONS CAN
VARY DEPENDING ON LOAD
AND RUNNING CONDITIONS



225 WEEKENDER SPECIFICATIONS

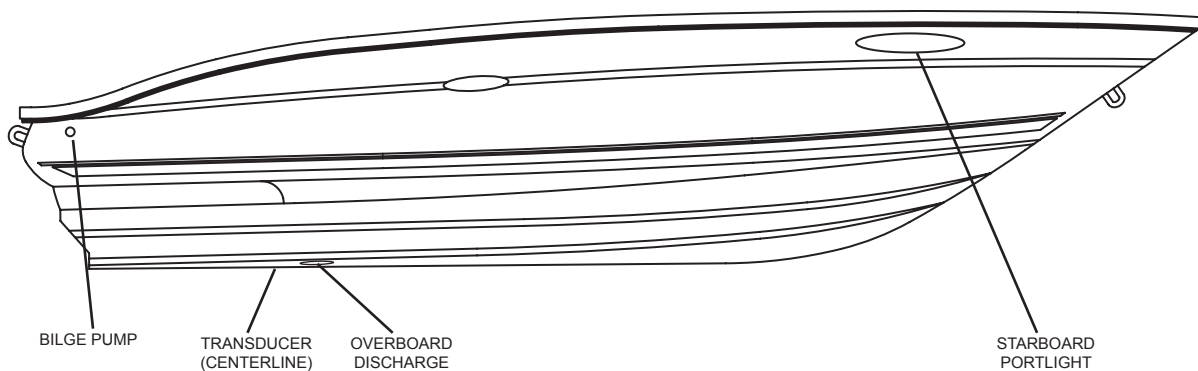
Overall Length	24ft. 0in.	7.3 m
Beam (Width).....	8ft. 6in.	2.59 m
Draft (Stern Drive Down)	37in.*	.93 cm
Draft (Stern Drive Up).....	20in.*	.50 cm
Dry Weight.....	4,770 lbs.	2164 kg.
Fuel Capacity.....	50 gal.	189.3 liters
Dead Rise.....	19°	



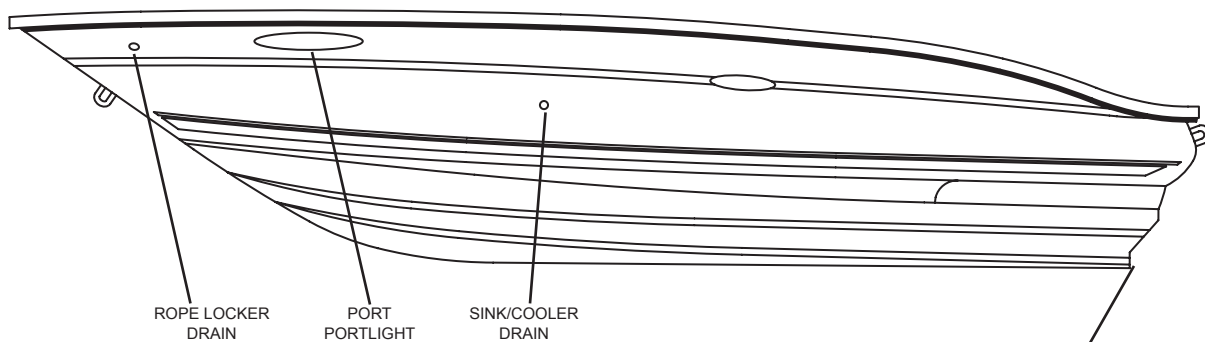
225 WEEKENDER OWNERS MANUAL

5. FUNCTION AND LOCATION OF THROUGH-HULL CUTOUTS

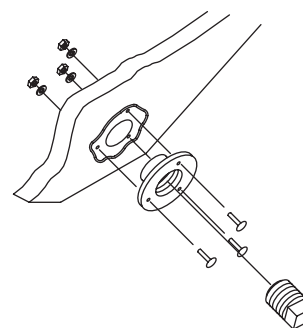
STARBOARD THROUGH-HULL CUTOUTS
(Fig. 4.1)



PORT THROUGH-HULL CUTOUTS
(Fig. 4.2)



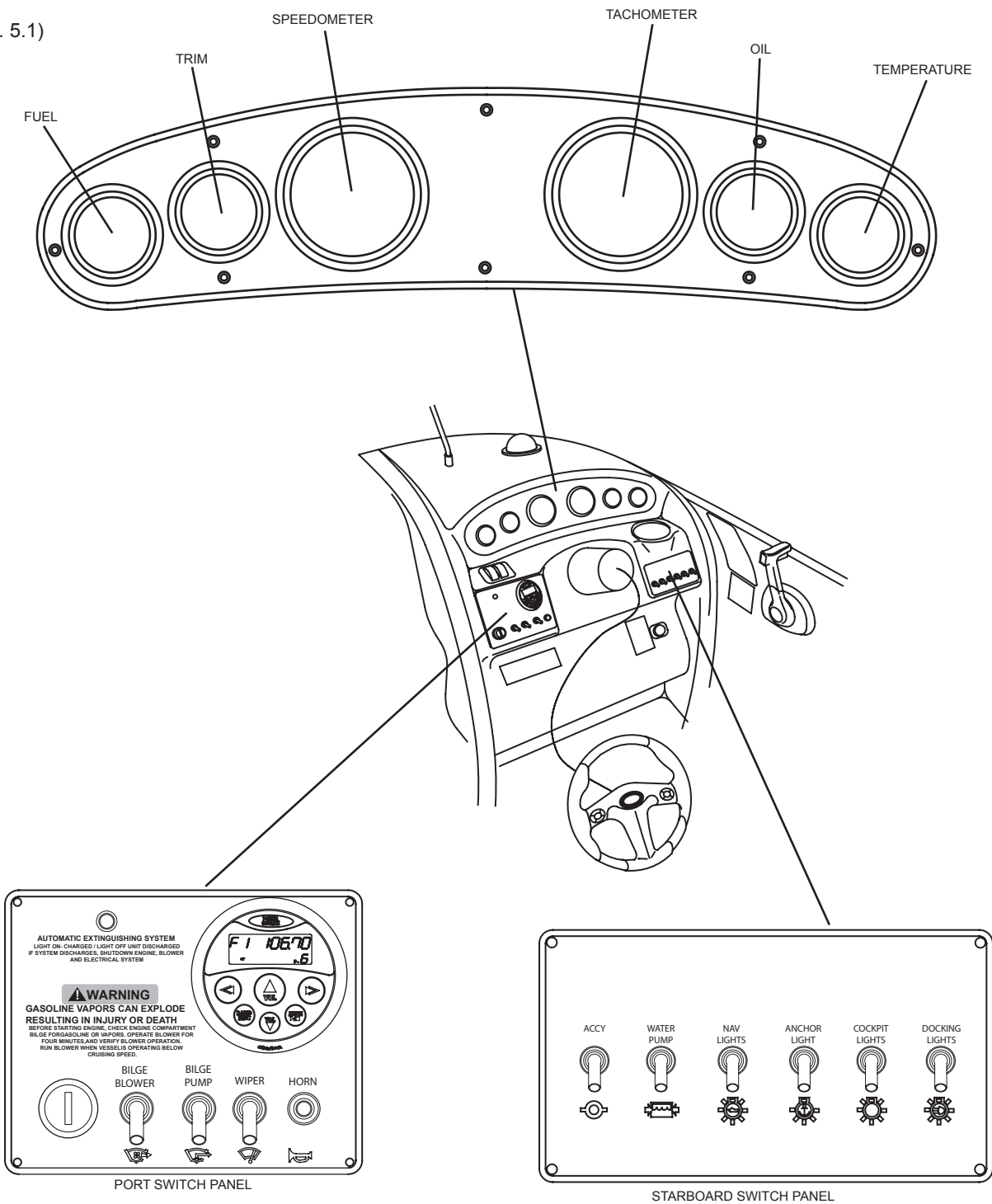
GARBOARD DRAIN
(Fig. 4.3)



6. HELM, GAUGE & SWITCH LAYOUT

HELM LAYOUT

(Fig. 5.1)

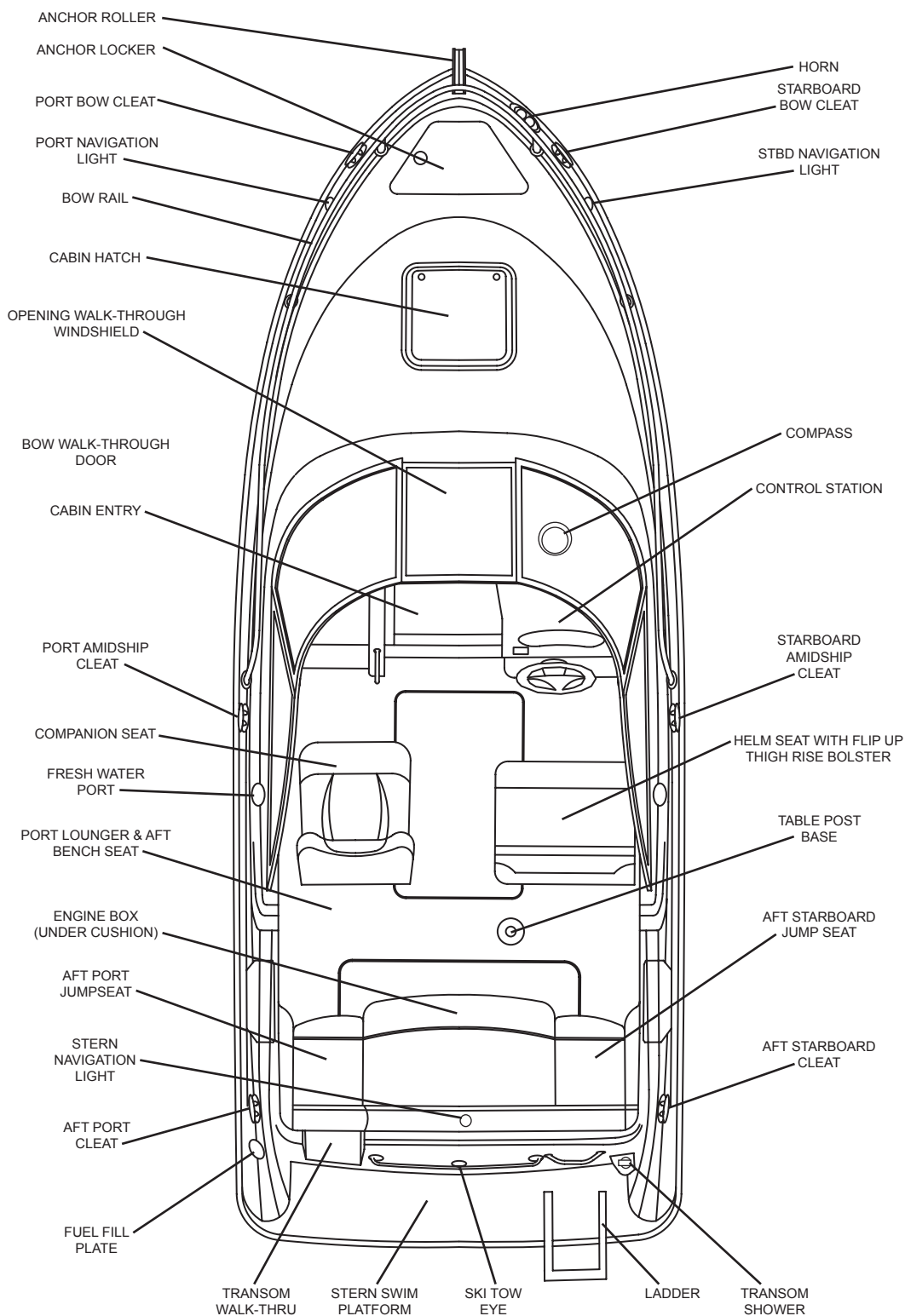


225 WEEKENDER OWNERS MANUAL

7. DECK LAYOUT

GENERAL LAYOUT

(Fig. 6.1)



225 WEEKENDER OWNERS MANUAL

8. NAVIGATION AND ANCHOR LIGHTS

Navigation lights **MUST** be on while underway from sunset to sunrise or in conditions of reduced visibility. "Underway" means the boat is not docked or at anchor. Trolling or drifting with engine off is considered "underway" and navigation lights must be used.

If you are anchored in open water, i.e. where other boats can approach yours, you must display your anchor light: a white light that can be seen from all possible directions, i.e. 360 degrees.

Read the "Federal Requirements and Safety Tips for Recreational Boats" provided in your kit.

A. LIGHTING

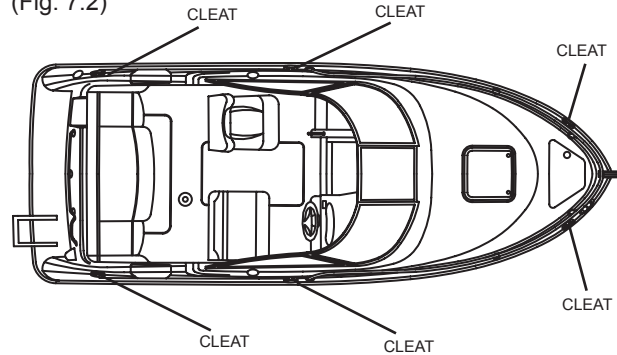
Your boat is equipped with a variety of different lighting fixtures. Always replace a bulb using the type and wattage of the original bulb.

9. CLEATS

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

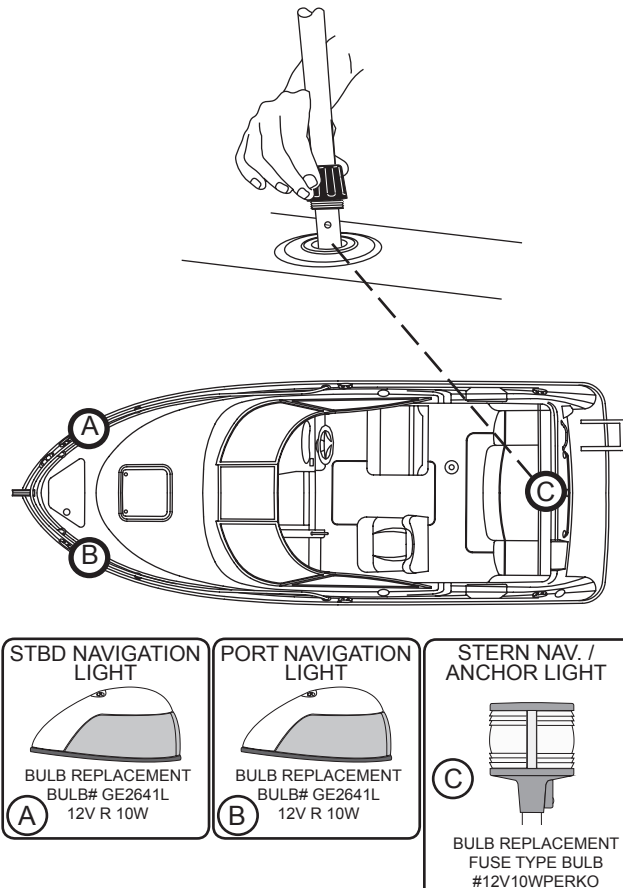
CLEAT LOCATIONS

(Fig. 7.2)



EXTERIOR LIGHTS

(Fig. 7.1)

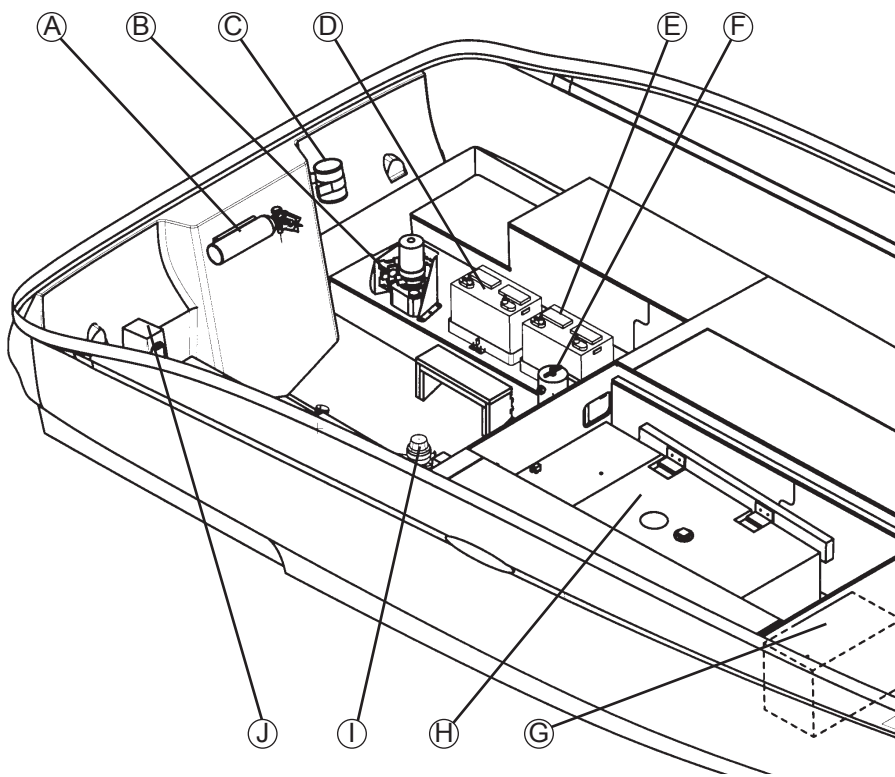


225 WEEKENDER OWNERS MANUAL

10. BILGE LAYOUT

BILGE LAYOUT
(Fig. 8.1)

- (A) Fire Extinguisher, (Optional)
- (B) Trim Pump
- (C) Bilge Blower
- (D) Battery, (Optional)
- (E) Battery
- (F) Diesel Fuel Filter (Diesel option)
- (G) Water Tank
- (H) Fuel Tank
- (I) Bilge Pump and Float Switch
- (J) Trim Tab Pump, (Optional)



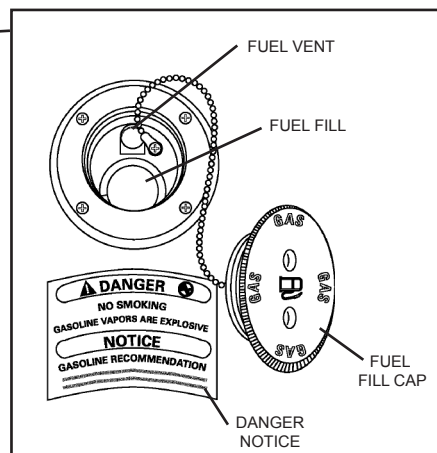
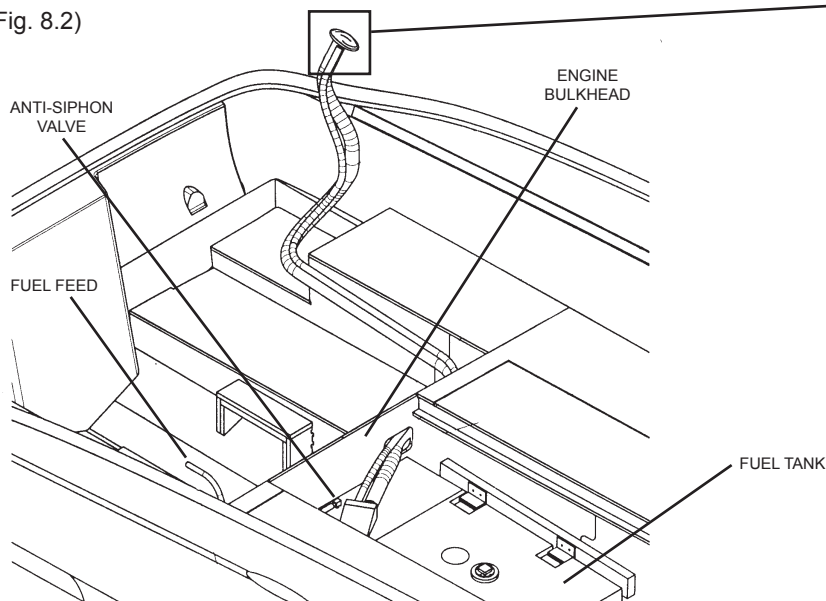
11. FUEL SYSTEM

The 225 Weekender standard gasoline fuel system consists of a 50 gallon, (19.3 liter) fuel tank, fuel tank vent, anti-siphon valve, engine fuel supply line and fuel fill.

A. DIESEL FUEL SYSTEM (OPTIONAL)

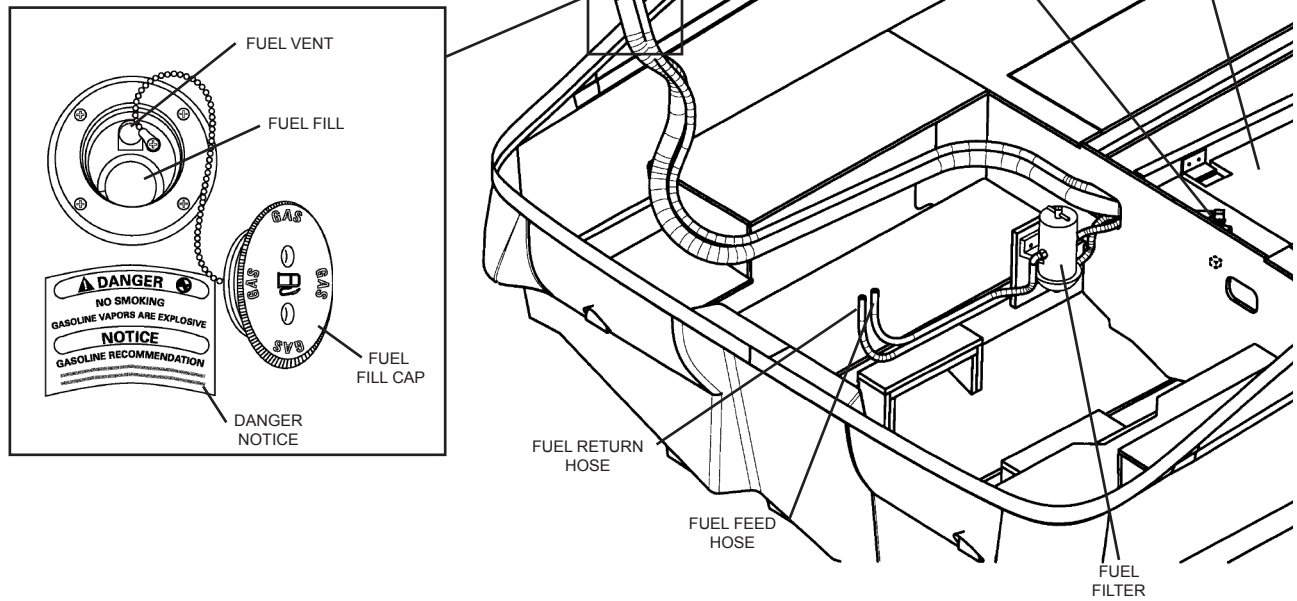
An optional diesel fuel system is available and consists of a 50 gallon, (19.3 liter) fuel tank, fuel tank vent, shut-off valve, engine fuel supply and return line, fuel filter and fuel fill.

STANDARD FUEL SYSTEM
(Fig. 8.2)



225 WEEKENDER OWNERS MANUAL

FUEL HOSE ROUTING (DIESEL OPTION)
(Fig. 9.1)



12. CANVAS

The standard canvas set consists of the following pieces: Sunbrella® Bimini Top and Boot. The following canvas options are available.

Bimini Enclosure Canvas Package:

Bimini Aft Curtain	Side Curtains
Canvas Storage Bag	Front Curtain

Camper Canvas Package:

Camper Aft Curtain	Side Curtains
Canvas Storage Bag	Front Curtains

Cockpit Cover

13. ENTERTAINMENT SYSTEM

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

The entertainment system on the 225 Weekender® consists of a 12V AM/FM radio, single CD, satellite ready unit located in the aft port side of the cabin. The system includes four (4) waterproof speakers, a digital remote control located on the control station.

14. 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.

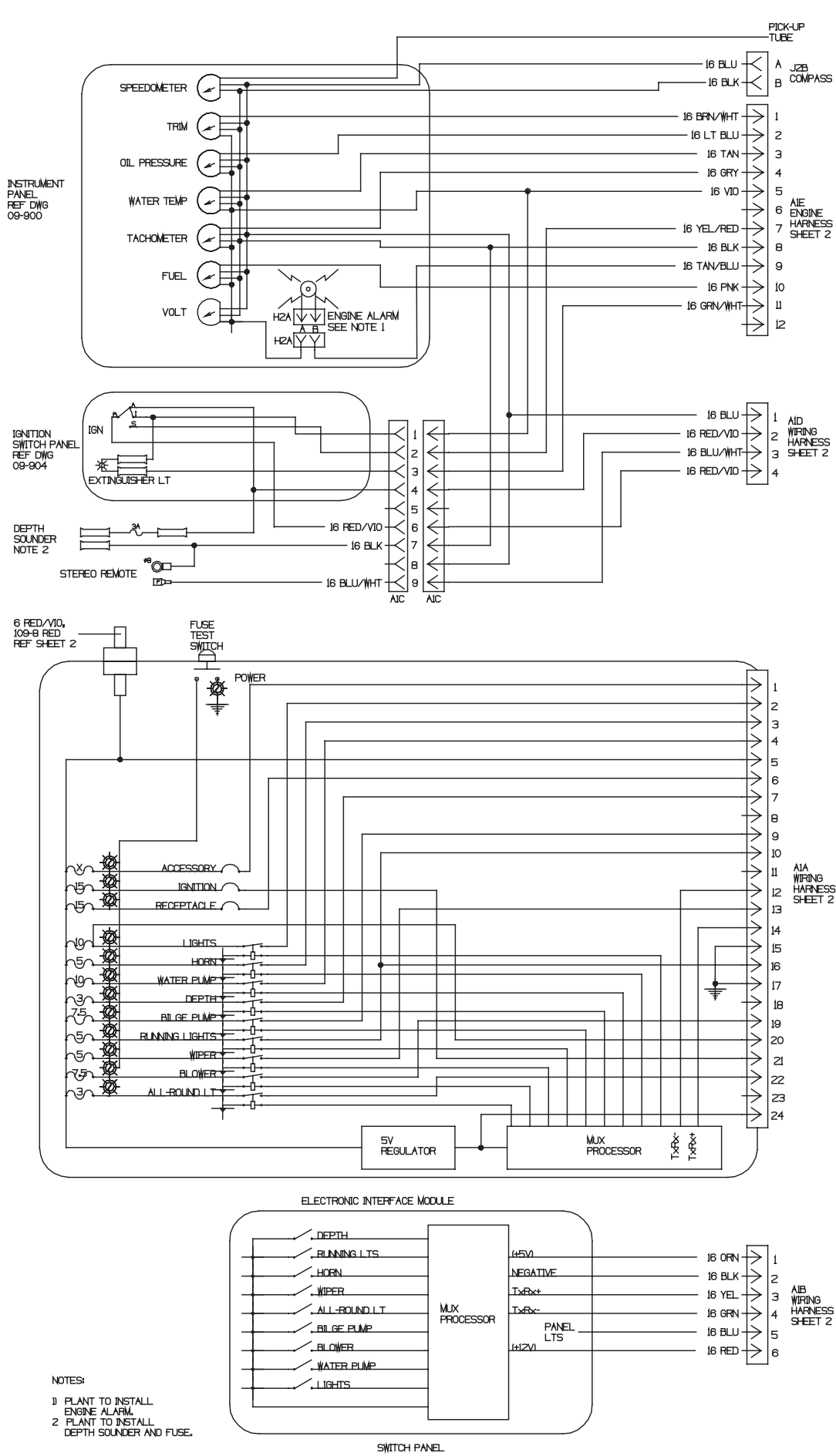
225 WEEKENDER OWNERS MANUAL

THIS PAGE INTENTIONALLY LEFT BLANK



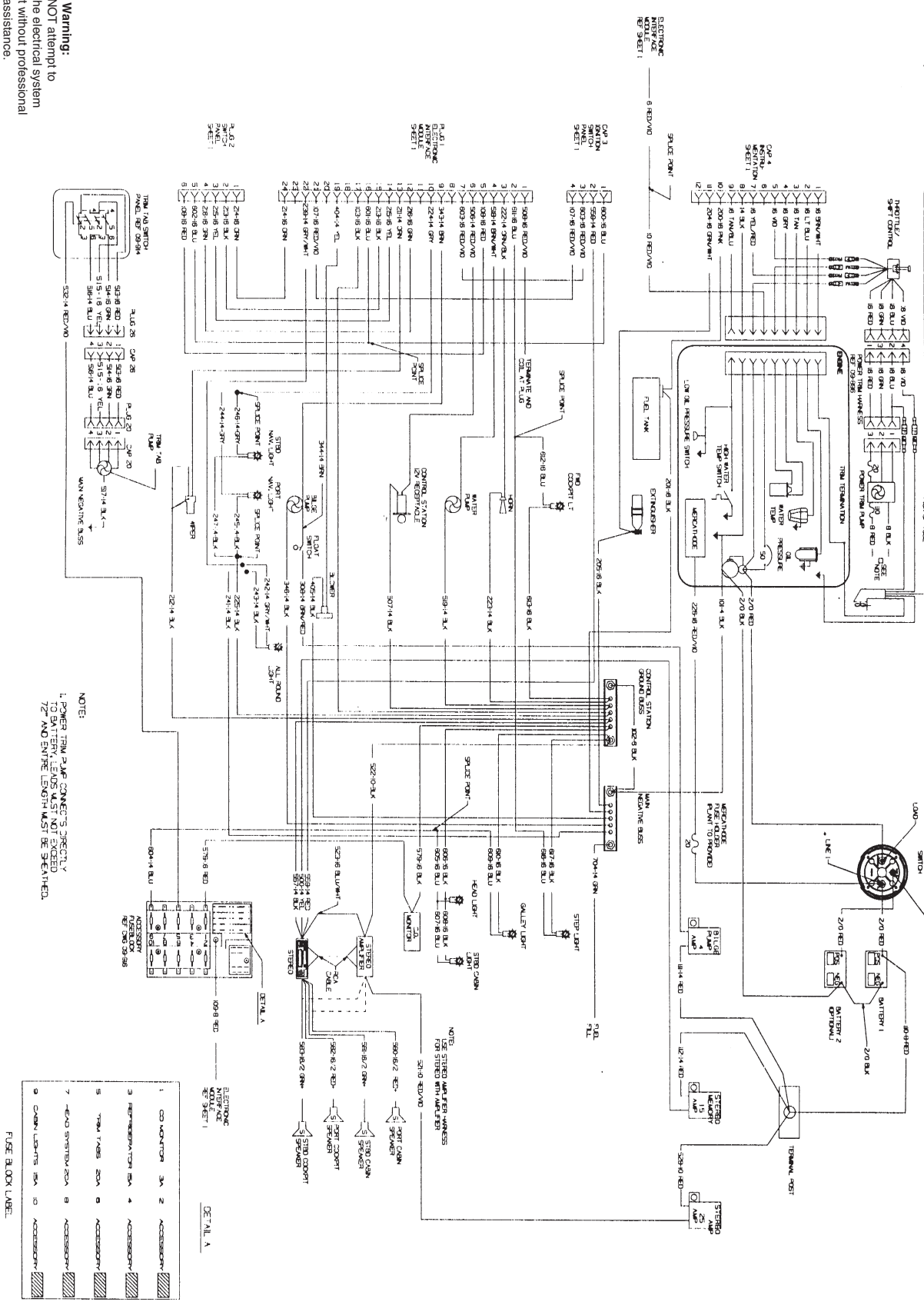
1. ELECTRICAL SCHEMATICS, 225 WEEKENDER

DC WIRING DIAGRAM (1 OF 2)
DRAWING NO. 09-601
(Fig. 11.1)



ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

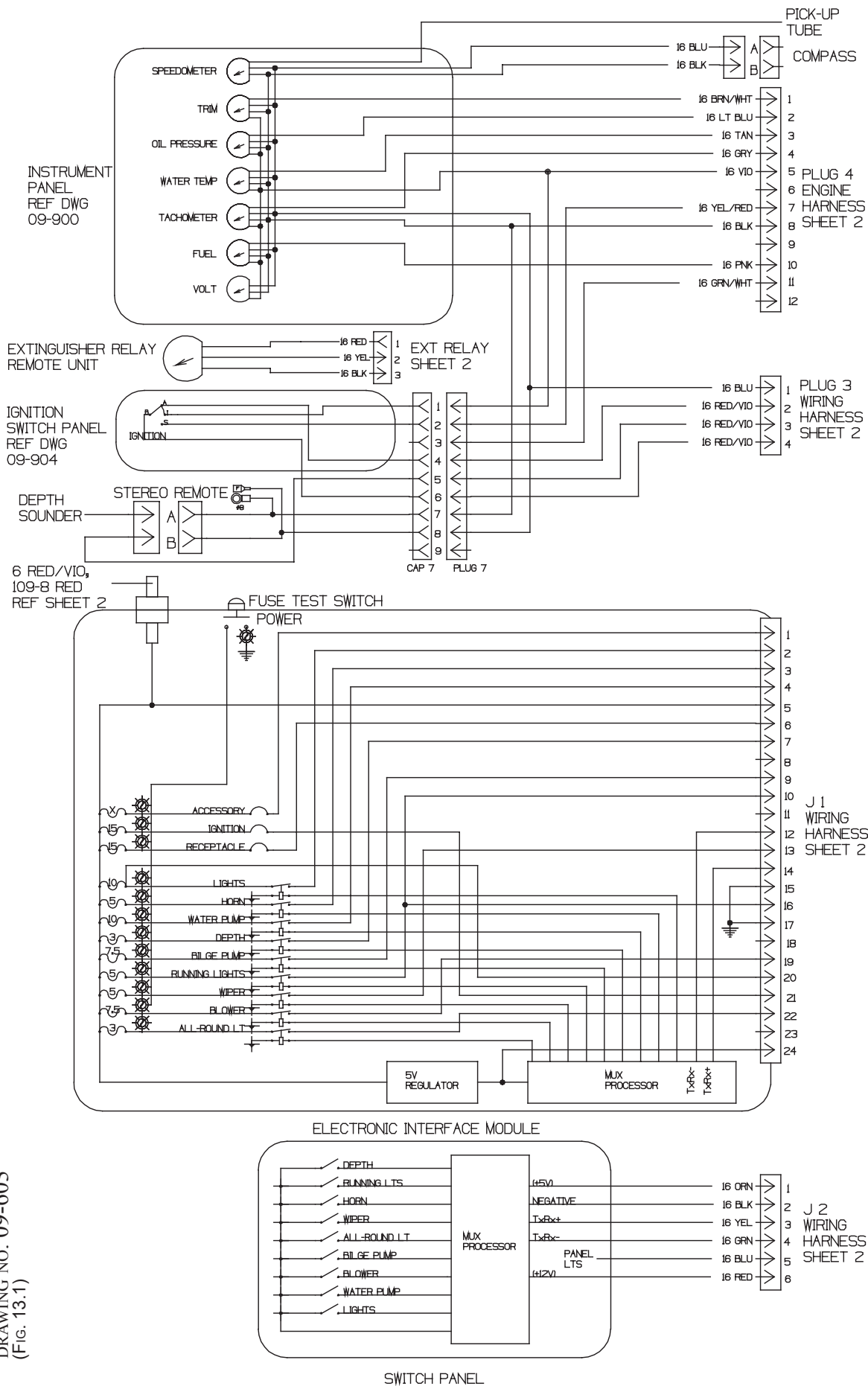
DC WIRING DIAGRAM (2 OF 2)
DRAWING NO. 09-601
(FIG. 12.1)



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

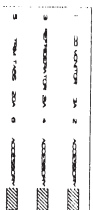
ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

DC WIRING DIAGRAM (MERCURY 2.8L D-TRONIC DIESEL OPTION)
DRAWING NO. 09-603
(FIG. 13.1)



(END)

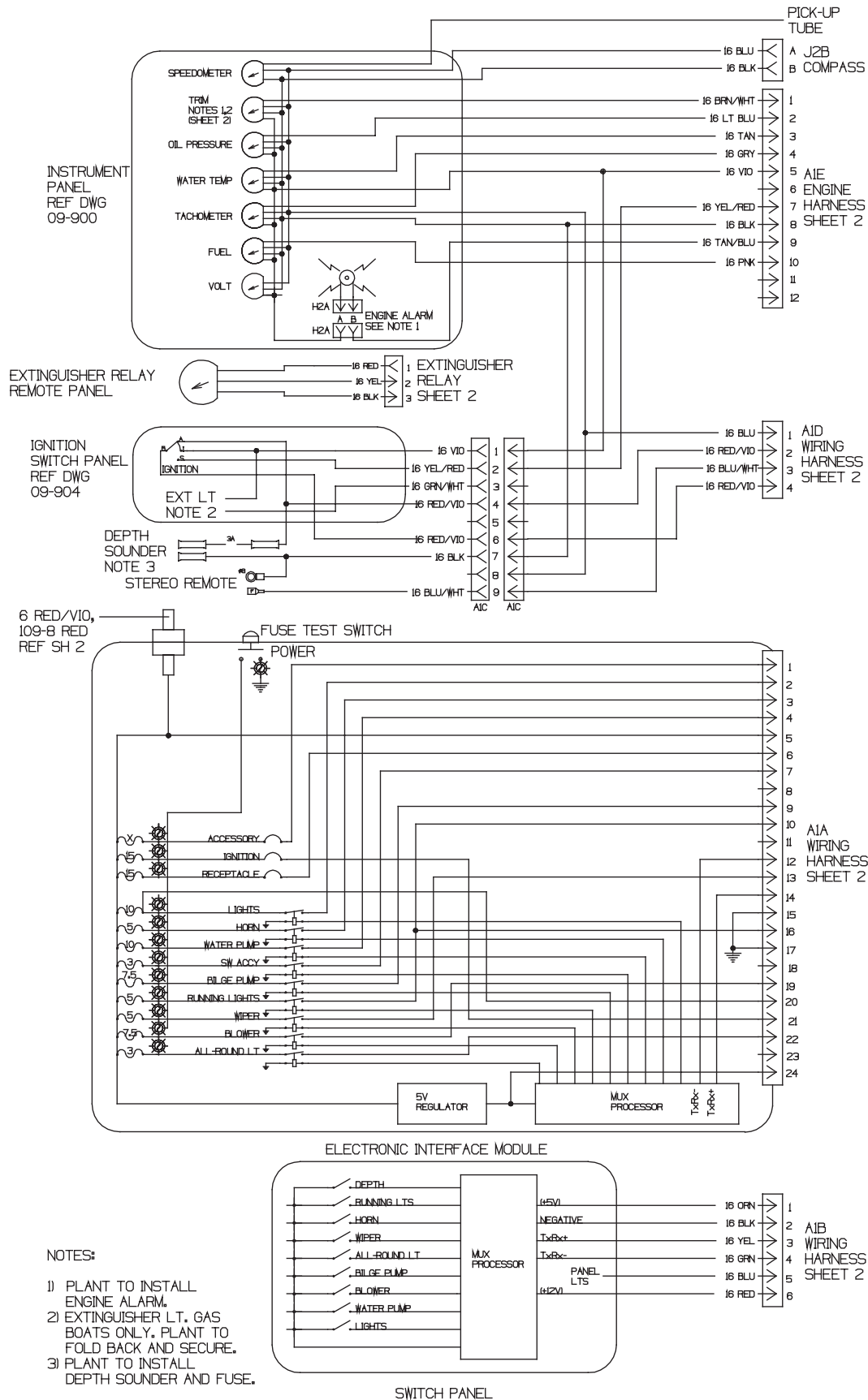
DRAWING
(FIG. 14.1)



at without professional assistance.

DC WIRING DIAGRAM (Volvo KAD 32P Diesel Option)

DRAWING NO. 09-604
(Fig. 15.1)

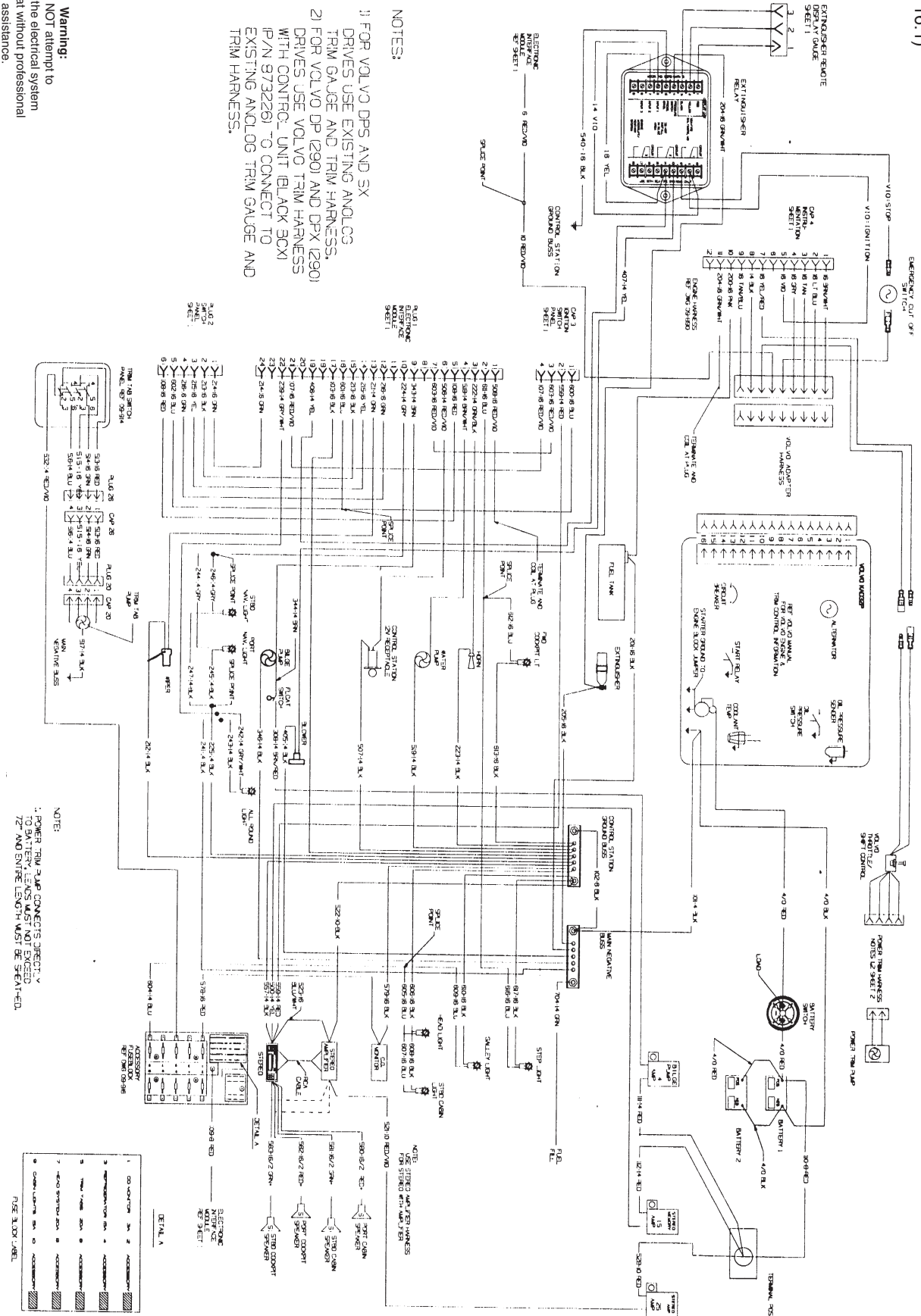


Warning:
DO NOT attempt to
work on the electrical system
of this boat without professional
assistance.

ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

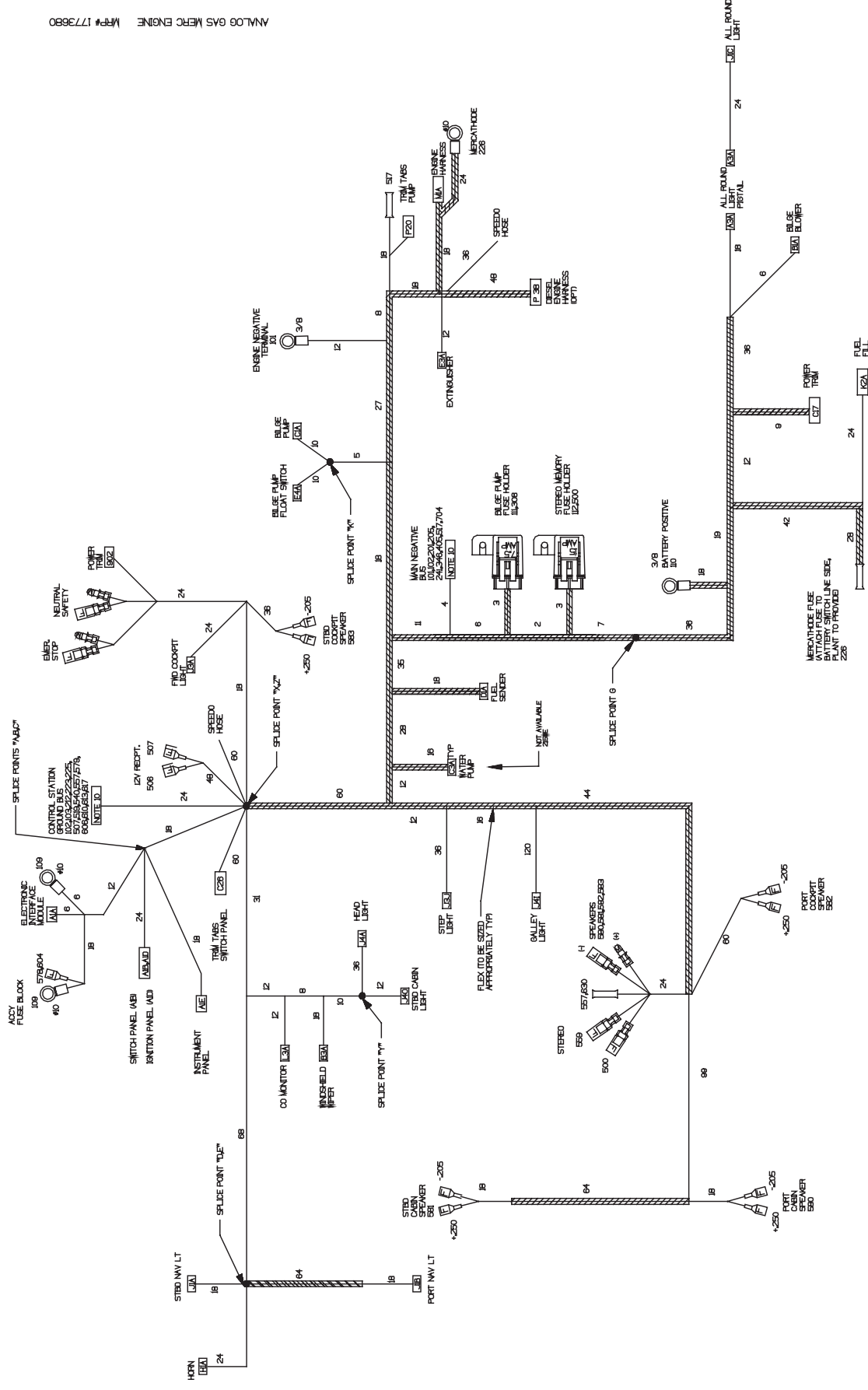
DC WIRING DIAGRAM (VOLVO KAD 32P DIESEL OPTION)

DRAWING NO. 09-604
(FIG. 16.1)



ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

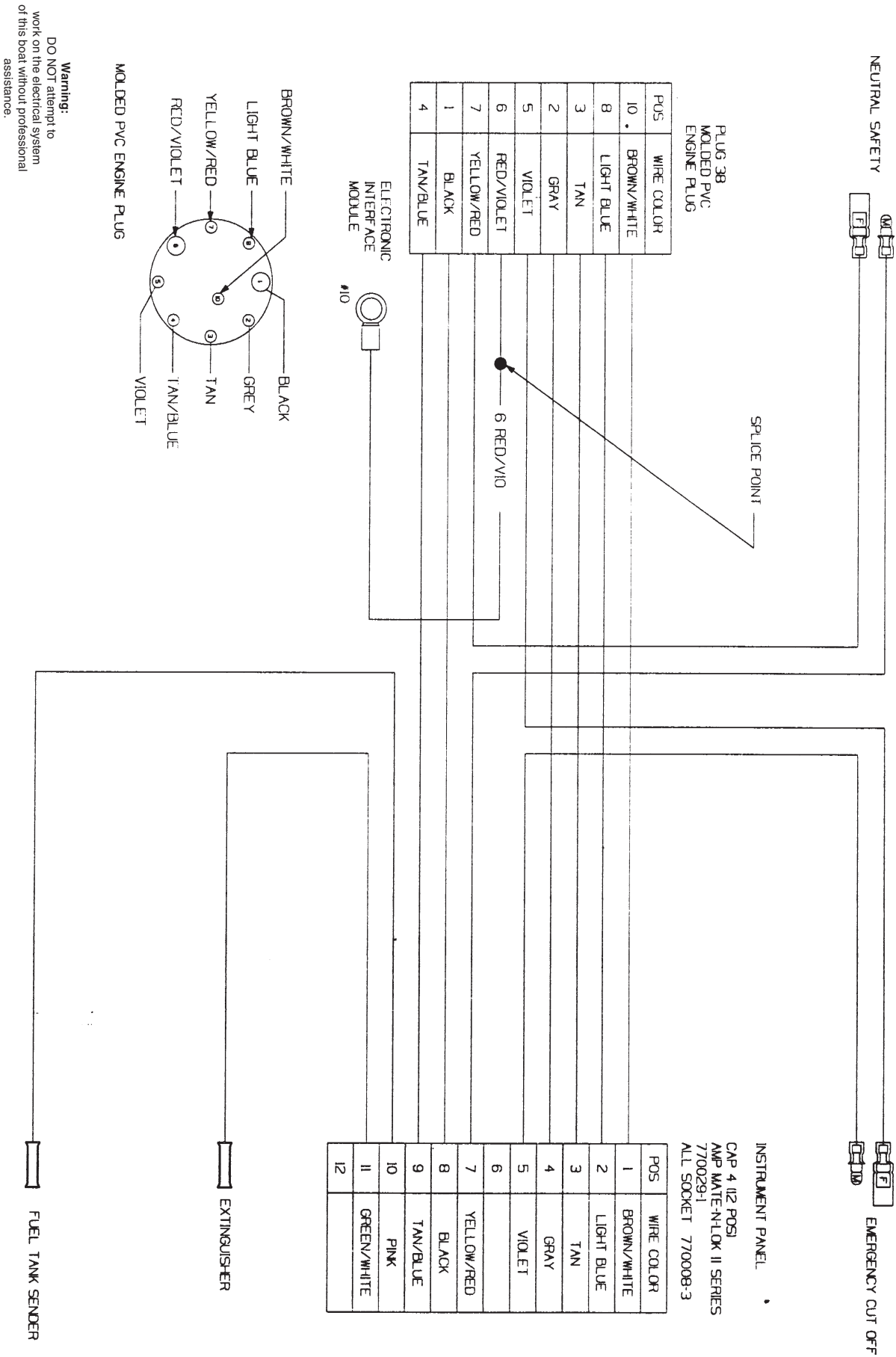
WIRE HARNESS CONSTRUCTION
DRAWING NO. 09-870
(FIG. 17.1)



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

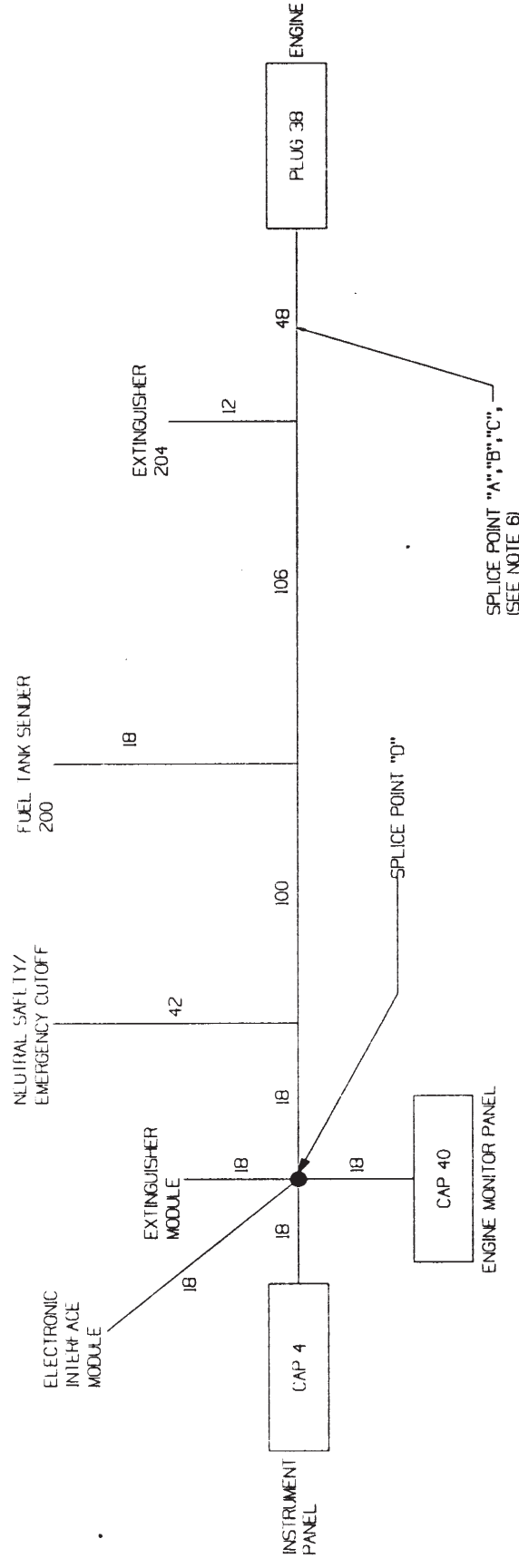
ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

ENGINE HARNESS CONSTRUCTION
DRAWING NO. 09-890
(Fig. 18.1)



ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

ENGINE HARNESS CONSTRUCTION, (w/ 2.8L D-TRONIC DIESEL OPTION)
DRAWING NO. 09-892
(Fig. 19.1)



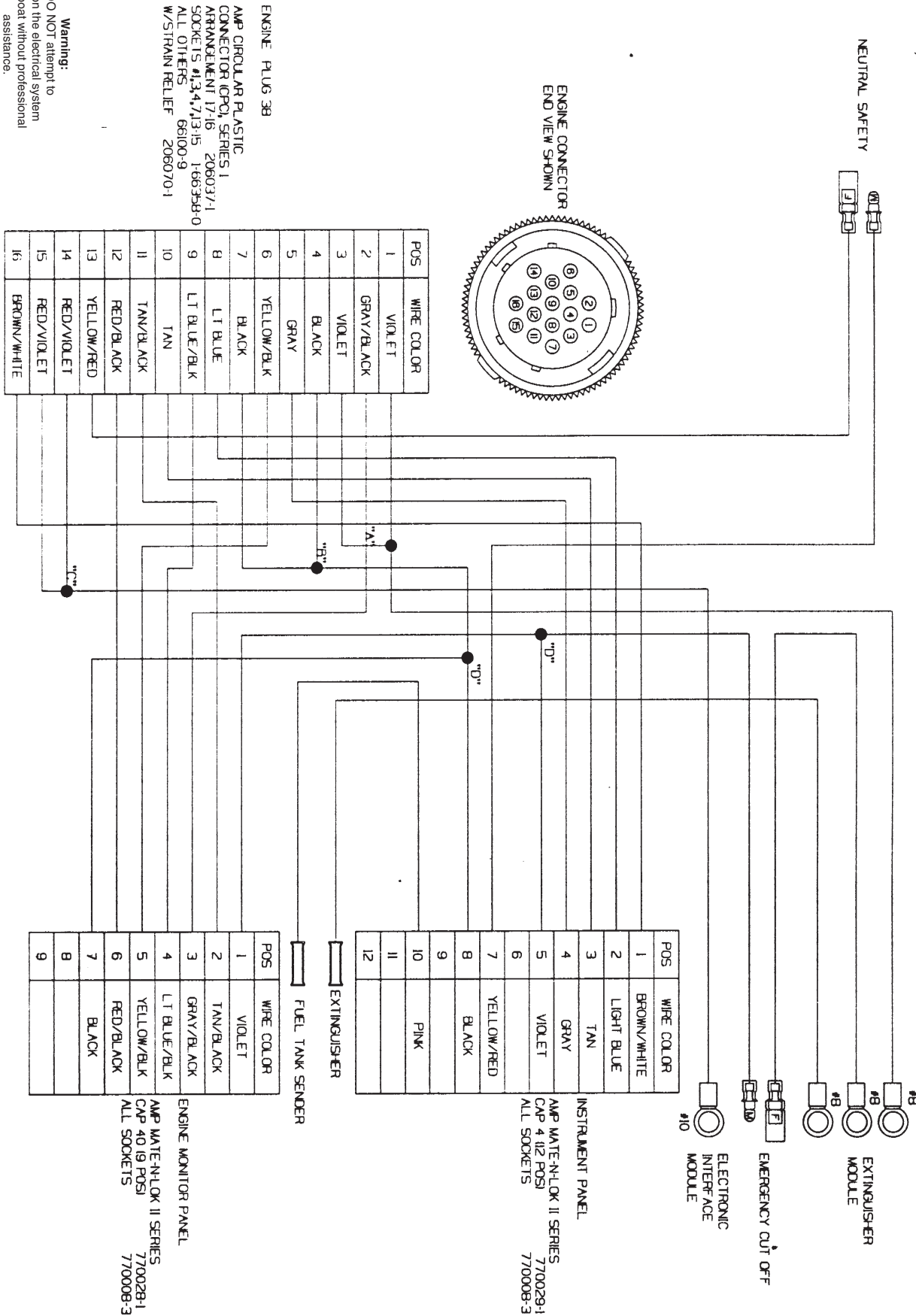
NOTES:

- 1) WIRES TO BE 105A C, SAE J378/J1128, AND TYPE 2 STRANDING PER ABYC E 9.14.
- 2) ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE SPECIFIED.
- 3) TOLERANCES ARE PLUS OR MINUS 1" (NONCUMULATIVE) ON DROP OFF LOCATIONS AND PLUS OR MINUS 2" ON DROP OFF LENGTHS.
- 4) CONNECTORS ARE TO BE PERMANENTLY MARKED WITH THE IDENTIFYING NUMBER INDICATED.
- 5) REF DWG 09-871 FOR INSTALLATION INFORMATION.
- 6) SPLICE LOCATION "A" IS 4", "B" IS 6", AND "C" IS 8" FROM THE ENGINE CONNECTOR MEASURED TOWARD PANEL DROP OFFS.

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

ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

ENGINE HARNESS CONSTRUCTION, (w/ 2.8L D-Tronic Diesel Option)
DRAWING NO. 09-892
(Fig. 20.1)



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

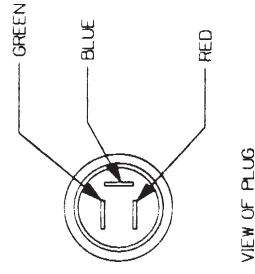
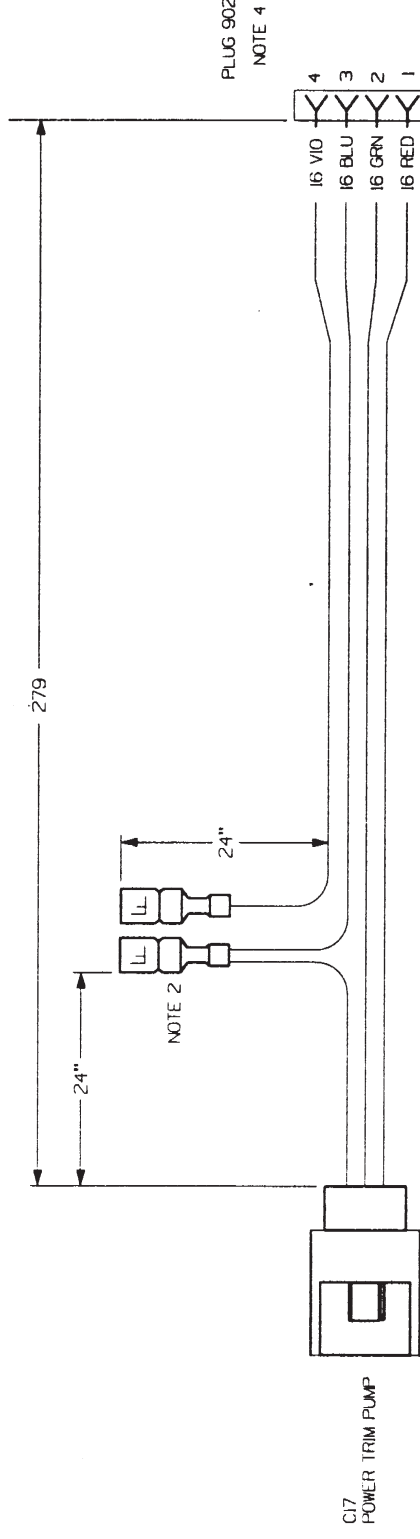


ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

TRIM HARNESS CONSTRUCTION DRAWING NO. 09-896 (Fig. 21.1)

NOTES:

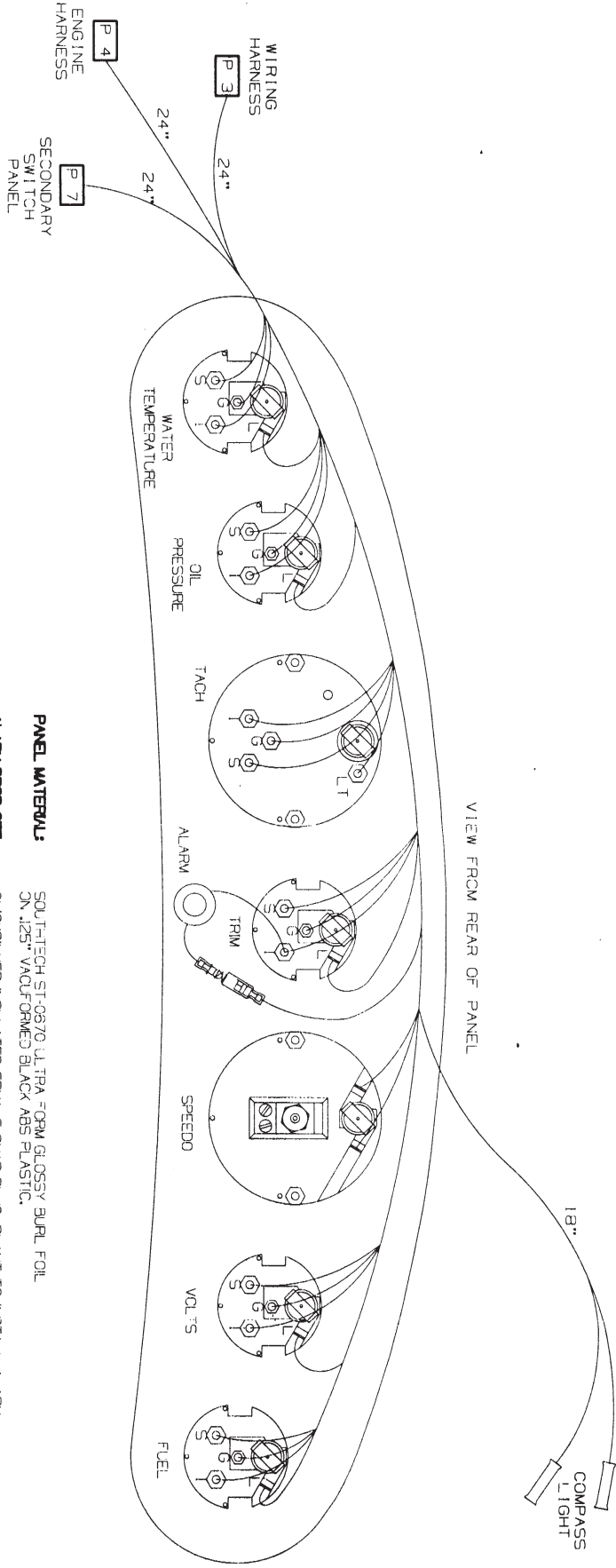
- 1) HARNESS TO BE COMPATIBLE WITH MERCURY TRIM PUMP AND CONTROL.
- 2) QUICKSILVER INSULATED SNAP PLUG TERMINALS
FEMALE SOCKET 86-814433
DOUBLE FEMALE SOCKET 86-87223
SINGLE FEMALE INSULATOR 85-17199
DOUBLE FEMALE INSULATOR 85-17200
- 3) ALL WIRE TO BE 105A C SAE J-1128/J378 TYPE 2 STRANDING PER ABYC E-9J4.
- 4) MOLEX 4 POSITION RECEPTACLE (MALE)
#03-09-1049, SOCKETS #02-09-1104.
- 5) REF 09-871 FOR INSTALLATION INFORMATION.



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

ELECTRICAL SCHEMATICS, 225 WEEKENDER (CONTINUED)

INSTRUMENT PANEL
DRAWING NO. 09-900
(FIG. 22.1)



VIEW FROM REAR OF PANEL

PANEL MATERIAL:

ALARM DROP OFF:

INSTRUMENTS:

SOUT-TECH ST-0870 ULTRA FORM GLOSSY BURL FOIL ON .125" VACUFORMED BLACK ABS PLASTIC.		
QUICKSILVER INSULATED FEMALE SNAP PLUG, PLANT TO INSTALL ALARM.		
SOCKET INSULATOR	86-BI4433	
TELEFLEX MIDNIGHT LEGEND SS SERIES W/ANTI-FOG COATING	85-17199	
FLUCTION SPEEDOMETER TACHOMETER W/LOD HOURMETER WATER TEMP OIL PRESSURE FUEL TEMP	DESIGNATION 0-6 K 220 DEGREE F 0-80 PSI	GAS P/N 86S13WF 86S10F 86610F •86180F 86134F 86150F 86742F

CONNECTORS:

NOTES:

- PLANT TO SUBSTITUTE A 125 PSI P/N 86194F OIL PRESSURE GAUGE FOR DIESEL OPTION
- AMP WATERLOCK SERIES II:
 - PLUG 3/4 POSI 770019-I
 - ALL PINS 770007-I
 - PLUG 4/12 POSI 770022-I
 - ALL PINS 770007-I
 - PLUG 7/9 POSI 77002-I
 - ALL PINS 770007-I
- II REF 09-501 FOR WIRING DIAGRAM.

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



INDEX

A

Anchor Lights.....7

C

Canvas9
Clearances3
Cleats7

D

Deck Layout.....6
Dimensions.....3

E

Electrical Schematics9

F

Fuel System.....8

G

Gauge Layout.....5

H

Helm Layout5

N

Navigation Lights7

P

Passenger Locations1

S

Safety Label Locations2
Switch Layout5

T

Through-Hull Cutouts4



THIS PAGE LEFT INTENTIONALLY BLANK

