

Read This First!

1995 - 1999
330 Sundancer
Owner's Manual
Supplement

Sea Ray 

INTRODUCTION & TABLE OF CONTENTS

This owner's manual supplement has been written to provide additional specific information about your boat and should be read carefully. Keep this booklet with the owner's manual in the owner's manual packet.

The owner's manual packet has been compiled to help you to operate your craft with safety and pleasure. It contains details of the craft, the equipment supplied or fitted, its systems and information on its operation and maintenance. Please read the information in it carefully, and familiarise yourself with the craft before using it.

If this is your first craft, or you are changing to a type of craft you are not familiar with, for your own comforts and safety, please ensure that you obtain handling and operating experience before "assuming command" of the craft. Your dealer or yacht club will be pleased to advise you of local sea schools, or competent instructors.

PLEASE KEEP THIS OWNER'S MANUAL PACKET IN A SECURE PLACE, AND HAND IT OVER TO THE NEW OWNER WHEN YOU SELL THE CRAFT.

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(This book contains 43 pages.)

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.

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 For information call 1-800-SRBOATS. or fax 1-314-827-8488.
 Internet address: <http://www.searay.com/boats>

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.

WARRANTY INFORMATION

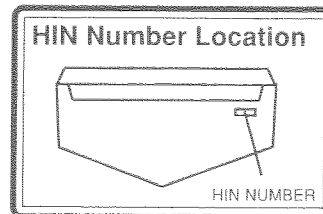
Sea Ray's® warranty is better than ever. Find the warranty information card in your owner's manual packet for complete details. If for some reason the card is missing contact your Sea Ray dealer for a new one.

CONSTRUCTION STANDARDS

Sea Ray's® commitment - Excellence by Design - has enabled us to create a superior craft providing you with comfort, performance, safety and dependability. All our boats comply with the safety standards set by the United States Coast Guard and are designed, engineered and manufactured in accordance with applicable recommendations and guidelines of the American Boat and Yacht Council (ABYC) certified by the National Marine Manufacturers Association (NMMA).

HULL IDENTIFICATION NUMBER (HIN)

The "Hull Identification Number," located on the starboard side of the transom, is the most important identifying factor and must be included in all correspondence and orders. Failure



to include it only creates delays. Also of vital importance are the engine serial numbers and part numbers when writing about or ordering parts for your engine. Refer to the engine owner's manual for locations.

SERVICING YOUR SEA RAY®

When your boat needs service beyond regular maintenance it should be taken to an authorized Sea Ray® dealer.

To find a dealer in your area call:
1-800-SRBOATS.
FAX: 1-314-827-8488

If a problem is not handled to your satisfaction:

1. Discuss any warranty-related problems directly with the service manager of the dealership or your sales person. Give the dealer an opportunity to help the service department resolve the matter for you.
2. If a problem arises that has not been resolved to your satisfaction by your dealer, contact Sea Ray Boats at 1-800-SRBOATS and the appropriate customer service department information will be provided for you.

OWNER'S MANUAL PACKET CONTENTS

	Sea Ray® Owner's Manual	Sea Ray® Owner's Manual Supplement	Sea Ray® Specification Sheet	Sea Ray® Parts Manual	Engine Operator's Manual	Original Equipment Manuals	Owner's Packet Insert
Accident Reporting	X				X	X	X
Alarms					X		
AM/FM Cassette Stereo						X	
Anchoring	X	X	X				X
Battery	X	X			X	X	
Bilge Layout				X			
Bilge Blower	X	X		X		X	
Bilge Pump	X	X		X		X	
Canvas	X			X		X	
Capacity Plate	X			X			
Carbon Monoxide	X						
Cerifications		X	X				
Cleaning	X					X	
Cockpit				X			
Communication Equipment	X					X	
Compass	X					X	
Console				X			
Construction Standards		X					
Controls	X			X		X	
Decals				X			
Depth Finder						X	
Dimensions		X	X				
Drains (Through Hull Fittings)		X					
Education	X						

OWNER'S MANUAL PACKET CONTENTS

	Sea Ray® Owner's Manual	Sea Ray® Owner's Manual Supplement	Sea Ray® Specification Sheet	Sea Ray® Parts Manual	Engine Operator's Manual	Original Equipment Manuals	Owner's Packet Insert
Electrical System	X	X		X			
Electrolysis	X						
Emergency Engine Shutdown	X				X		
Emergency Procedures	X						
Engine					X		
Environmental Considerations	X						
Equipment:							
• Recommended	X						
• Required	X						X
• Standard			X				
• Optional			X				
Fire	X						
Fire Suppression Equipment	X	X				X	X
Flame Arrestor					X		X
Flooding, Swamping	X						
Fuel System	X			X	X		
Gauges	X	X		X			
Gear Shift	X			X	X		
Graphics				X			
Head System		X					
Homologations (International)		X					
Hotlines	X					X	X
Identification Numbers	X	X					
Ignition	X				X		

OWNER'S MANUAL PACKET CONTENTS

	Sea Ray® Owner's Manual	Sea Ray® Owner's Manual Supplement	Sea Ray® Specification Sheet	Sea Ray® Parts Manual	Engine Operator's Manual	Original Equipment Manuals	Owner's Packet Insert
Ignition Protection	X				X		
Impaired Operation	X						X
Instrument Use & Operation	X					X	
Layout		X	X	X			
Lifesaving Equipment	X						X
Lifting	X	X					
Lightning Protection	X						
Lights	X	X		X			
Load Capacity	X	X					
Maintenance	X				X	X	
Maneuvering	X						X
Monitors						X	
Nautical Terms	X						
Navigation	X						X
Operation	X						
Optional Systems			X			X	
Personal Flotation Devices (PFD's)	X					X	X
Power Capacity		X					
Powertrain	X				X		
Propeller	X	X					
Propulsion					X		
Registration	X						X
Safety	X					X	X
Seating		X					

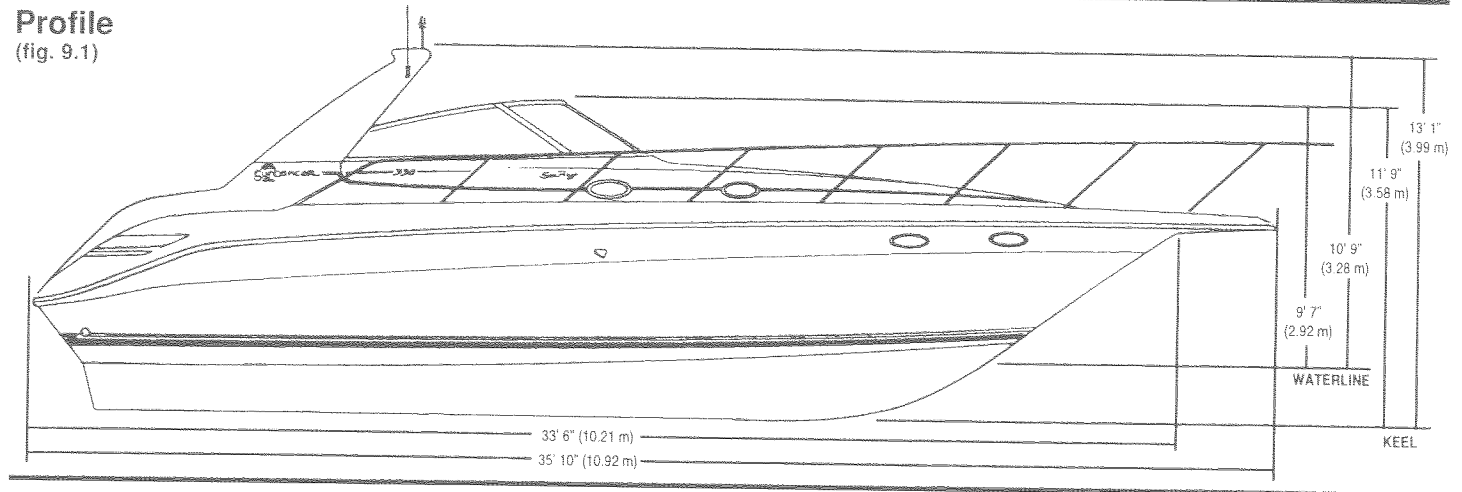
OWNER'S MANUAL PACKET CONTENTS

	Sea Ray® Owner's Manual	Sea Ray® Owner's Manual Supplement	Sea Ray® Specification Sheet	Sea Ray® Parts Manual	Engine Operator's Manual	Original Equipment Manuals	Owner's Packet Insert
Seaworthiness Inspection	X						
Service Schedule					X		X
Spare Parts				X			
Specifications		X	X				
Stability	X						
Start-In-Gear Protection	X						
Steering	X	X		X			
Symbols	X	X					
Switches		X					
Tank Capacities		X	X				
Throttle	X				X		
Through-Hull Fittings		X					
Trim Tabs	X	X		X			
Troubleshooting	X				X		X
Upholstery	X			X			
Ventilation	X	X		X			
Warning Labels	X			X			
Warranty		X					X

To replace any material from the Owner's Manual Packet, contact your Sea Ray® dealer.

GENERAL ARRANGEMENTS & DIMENSIONS

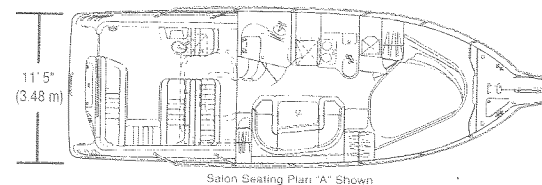
Profile
(fig. 9.1)



SPECIFICATIONS

Overall Length	33' 6" (10.21 m)
w/Std. Bow Pulpit	35' 10" (10.92 m)
Beam	11' 5" (3.48 m)
Draft (Stern Drive Down)	36" (91.4 cm)
Draft (Stern Drive Up)	25" (63.5 cm)
Draft (Inboards)	Up 33" (83.8 cm)
Dry Weight (Lbs.)	11,200 (5,080 kg)
Fuel Capacity (Gallons)	225 (852 liters)
Usable Fuel (Gallons)	214 (809 liters)

Water Capacity	40 gal. (151.4 liters)
Holding Tank	28 gal. (106 liters)
Dead Rise	17°



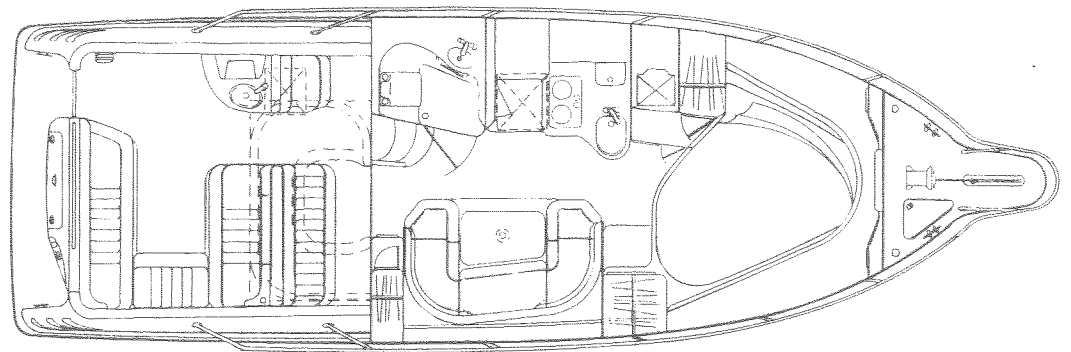
(fig. 9.2)

HEIGHT DIMENSIONS

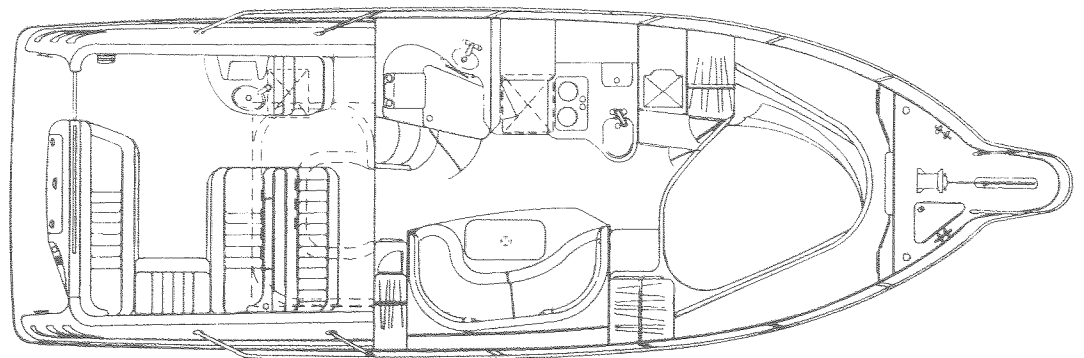
Waterline To Top Of Windshield	9' 7" (2.92 m)
Waterline To Top Of Spoiler	10' 9" (3.28 m)
Keel To Top Of Windshield	11' 9" (3.58 m)
Keel To Top Of Spoiler	13' 1" (3.99 m)

FLOOR PLANS

SALON SEATING PLAN A:
CONVERTIBLE DINETTE
W/STORAGE BELOW
(fig. 10.1)



SALON SEATING PLAN B:
COUCH & TABLE
W/STORAGE BELOW
(fig. 10.2)

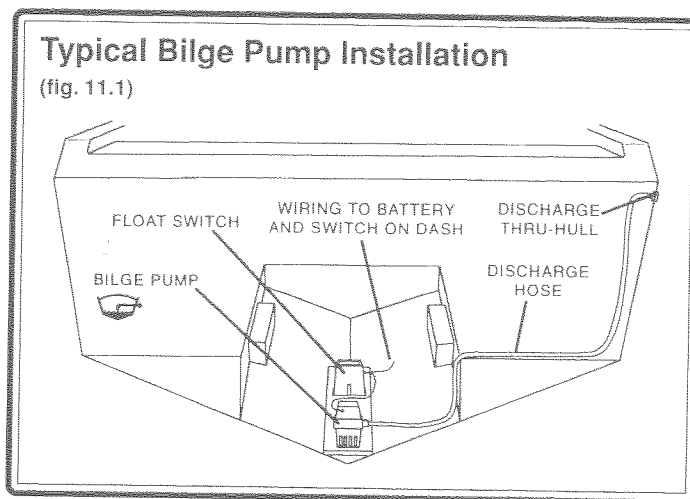


SUPPLEMENTAL GENERAL INFORMATION

BILGE PUMPING SYSTEM

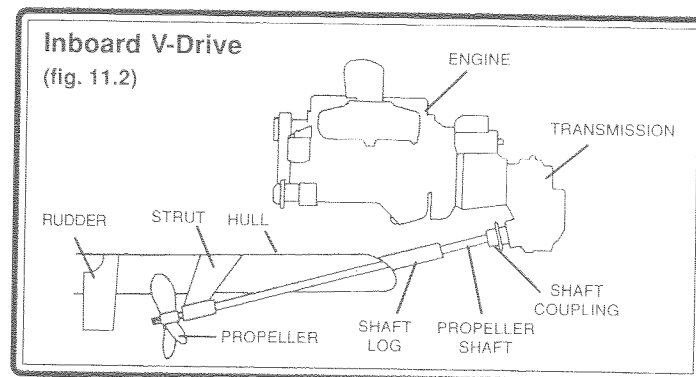
The boat is equipped with an automatic bilge pump system.

REFER TO THE OWNER'S MANUAL AND OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.



PROPULSION SYSTEM

The standard engine is an inboard V-drive type propulsion system. This system incorporates an inboard engine with an angled transmission that allows the drive shaft to pass through the hull under the engine.

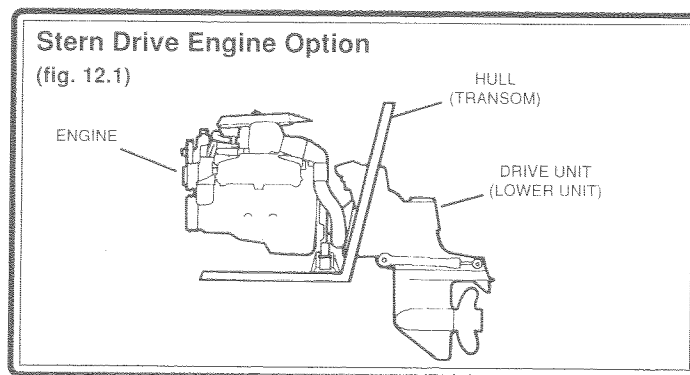


The optional engine is a stern drive type propulsion system also known as an inboard-outboard engine. This type of propulsion system has the engine secured to the hull's stringers at the aft end of the hull and covered by a engine box. The drive unit, also called the lower unit because it

SUPPLEMENTAL GENERAL INFORMATION

hangs below the hull, is the part of the propulsion system that attaches to the outside of the hull or transom. The drive unit pivots to steer the boat.

REFER TO THE OWNER'S MANUAL AND ENGINE OWNER'S MANUAL FOR OPERATING INSTRUCTIONS AND WARRANTY INFORMATION.



PROPELLERS

Your Sea Ray® has been equipped with a propeller which our tests have shown to be the best suited for general use under normal conditions and load. In some situations you may wish to change propellers to give your boat slightly different performance characteristics. In general, changing to a lower pitch propeller will increase acceleration and load-pulling ability, but with a slight decrease in top speed. Conversely, moving to a higher pitch propeller will attain higher top speed with a light load, but will sacrifice acceleration and power. Your particular requirements should be discussed with your Sea Ray® dealer. **Under no circumstances use a propeller which allows the engine to operate at higher than recommended RPM.**

HEAD SYSTEM

The head system on your Sea Ray® utilizes the following items: Vac-Flush Head, Vacuum Generator, Holding Tank, Vent Filter & Waste Deck Plate. Your boat maybe equipped with the macerator option. Below is a brief description of the system. The Owner's Packet in your boat contains information pertaining to your head system that should be carefully read.

SUPPLEMENTAL GENERAL INFORMATION

REQUIREMENTS FOR VESSEL OPERATORS

The Environmental Protection Agency (EPA) standards state that in freshwater lakes, freshwater reservoirs or other freshwater impoundments whose inlets or outlets are such as to prevent the ingress or egress by vessel traffic subject to this regulation, or in rivers not capable of navigation by interstate vessel traffic subject to this regulation marine sanitation devices certified by the U.S. Coast Guard installed on all vessels shall be designed and operated to prevent the overboard discharge of sewage, treated or untreated, or of any waste derived from sewage. The EPA standards further state that this shall not be construed to prohibit the carriage of Coast Guard-certified flow through treatment devices which have been secured so as to prevent such discharges. They also state that waters where a Coast Guard certified marine sanitation device permitting discharge is allowed include coastal waters and estuaries, the Great

Lakes and interconnecting waterways, freshwater lakes and impoundments accessible through locks, and other flowing waters that are navigable interstate by vessels subject to this regulation (40 CFR 140.3).



Do not place facial tissue, paper towels or sanitary napkins in head.

VACU-FLUSH HEAD

The Vacu-Flush head utilizes a "HEAD SYSTEM" breaker on the helm switch panel or main distribution panel. The foot pedal at the base of the toilet opens a mechanical seal and vacuum forces waste through the opening in the bowl to an accumulator tank, through the vacuum pump and then to the holding tank.

SUPPLEMENTAL GENERAL INFORMATION

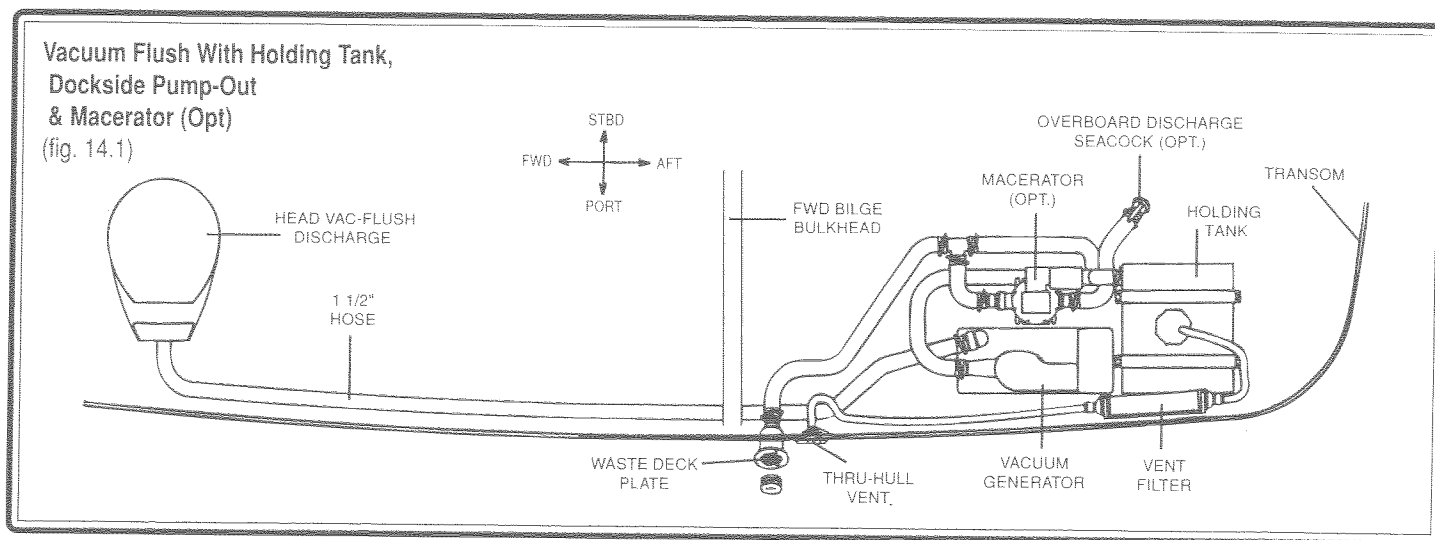
To Operate:

1. Turn ON the "WATER SYSTEM" breaker.
2. Turn ON the "HEAD SYSTEM" breaker.

REFER TO OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

HOLDING TANK OPERATION

Waste from the head is directed into the holding tank located in the bilge. The holding tank fluid level indicator is located on the main distribution panel or in the head which indicates "3/4 FULL," "FULL" and "DO NOT FLUSH." When the "FULL" light is on, the "DO NOT FLUSH" light will also be on. When these lights are ON, the holding tank must be emptied before the head can be reused.



SUPPLEMENTAL GENERAL INFORMATION

To empty holding tank, the services of a dockside pumpout station will be needed. Follow instructions at the station and make sure pumpout station hose is inserted into the deck plate marked "WASTE." The holding tank can also be emptied through utilization of the macerator if your boat is equipped with this option (see "MACERATOR OPTION").

NOTICE

There is the possibility of being fined for having an operable overboard discharge in U.S. waters. Removing handle of seacock, in closed position, or other means must be utilized to avoid fine.



CAUTION

Damage will occur to the macerator if operated with the deck waste plate off or loose.

MACERATOR OPTION

The macerator gives the boat operator the means of discharging the holding tank contents directly overboard through a seacock in the bottom of the hull. This option is available in conjunction with the dockside pump-out.

DISCHARGE OF SEWAGE DIRECTLY OVERBOARD IS FOR USE WHERE APPROVED ONLY.

To direct waste from the holding tank to the macerator, open the overboard discharge seacock.

To operate the macerator:

1. Turn ON the "HEAD SYSTEM" breaker and open the waste discharge seacock located on the bilge floor.
2. Operate discharge switch located in the head.
3. When tank is empty, release the switch and close waste discharge seacock.

FUEL SYSTEM

The boat is equipped with a gasoline fuel system (diesel fuel system optional). A detailed drawing of the fuel system can be found in the *Parts Manual*. Fueling instructions and precautions can be found in the *Owner's Manual*.

SUPPLEMENTAL GENERAL INFORMATION

EXHAUST SYSTEM

The boat's exhaust system is an integral part of the propulsion system.

REFER TO THE ENGINE OWNER'S MANUAL FOR INSTRUCTIONS AND WARRANTY INFORMATION.

ENGINE COOLING SYSTEM

The engine cooling system is an integral part of the propulsion system.

REFER TO THE ENGINE OWNER'S MANUAL FOR INSTRUCTIONS AND WARRANTY INFORMATION.

ELECTRICAL INSTALLATIONS

This owner's manual supplement contains electrical schematics for your boat. These electrical schematics were generated by technicians 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.

BATTERY

Refer to the owner's manual for battery disconnect and maintenance. When replacing a battery refer to your engine operation and maintenance manual to find the recommended battery for the engine installed in your boat.

Sea Ray® recommended batteries are available through your Sea Ray® dealer.

ALWAYS DISCONNECT BATTERY CABLES BEFORE DOING ANY WORK ON THE ENGINE'S ELECTRICAL SYSTEM OR ALTERNATOR WIRING TO PREVENT ARCING OR DAMAGE TO THE ALTERNATOR.

CAUTION

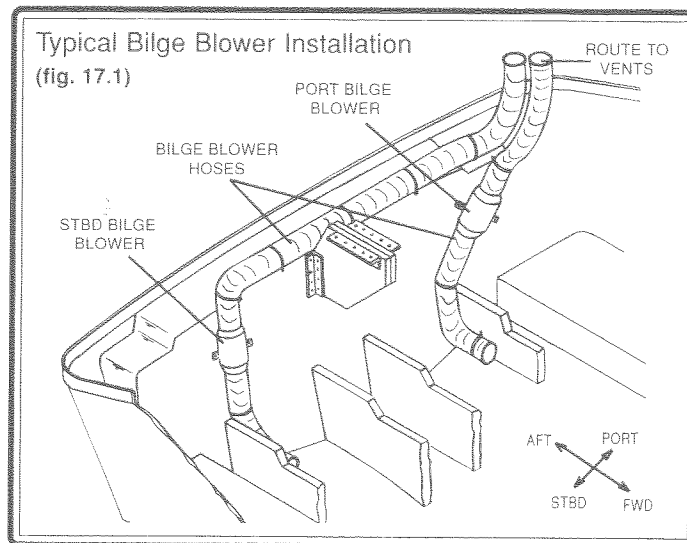
While the engine is running the battery terminal clamps must not be loosened or detached nor should the battery switch(es) be turned off, otherwise the alternator and other electronic units will be damaged.

SUPPLEMENTAL GENERAL INFORMATION

DANGER

- Never use an open flame in the battery storage area.
- Avoid striking sparks near the battery.
- A battery will explode if a flame or spark ignites the free hydrogen given off during charging.

Typical Bilge Blower Installation
(fig. 17.1)



VENTILATION SYSTEM / BILGE BLOWER

Sea Ray® Sport Boats are equipped with an electric bilge blower to remove fumes from the engine compartment and provide ventilation through the deck vents before starting the engine and when operating below cruising speeds. The bilge blower is located in the bilge on the transom. The bilge blower switch is located on the helm switch panel.

REFER TO OWNER'S MANUAL AND OWNER'S PACKET FOR OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS.

STEERING SYSTEM

The boat is equipped with power, tilt and a trim steering system. An hydraulic steering system is available with V-drives.

REFER TO THE ENGINE OWNER'S MANUAL IN THE OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

SUPPLEMENTAL GENERAL INFORMATION

FIRE EXTINGUISHING SYSTEM



This boat is equipped with the automatic fire extinguishing system. Refer to *Fire Extinguishers* in the index of the Sea Ray Owner's Manual to find detailed information.

REFER TO THE OWNER'S MANUAL AND OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

WARNING

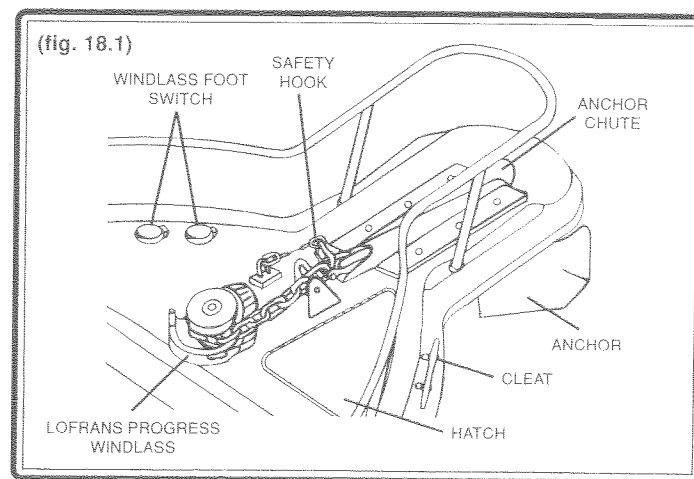
- In case of fire DO NOT open engine box or compartment.
- Shut down engines, generator and blowers
- Continuously discharge entire contents of halon or CO2 portable fire extinguisher through port immediately.

ANCHORING

To anchor, bring the bow into the wind or current and put the engine in neutral. When the vessel comes to a stop, lower, do not throw, the anchor over the bow. The anchor line should be 5 to 7 times the depth of water.

ANCHORING ARRANGEMENT

The boat comes standard with an anchor storage hatch for anchor and rope stowage. Optional equipment includes an anchor chute with hause pipe and windlass. Stow the anchor in the storage hatch or anchor chute when not in use. Note: Before using the anchor be sure the anchor line is secured to the boat – to the bow cleat or windlass.



SUPPLEMENTAL GENERAL INFORMATION

LIFE SAVING EQUIPMENT (Personal Floation Device (PFD))

STORAGE: The boat offers storage under the helm seat, in the port side entertainment center and in the cockpit side storage.

OPERATION: Wear PFD according to manufacturer recommendations. See pamphlet *Federal Requirements And Safety Tips For Recreational Boats* in the owner's packet or get one from your dealer.

MAINTENANCE: Rinse with fresh water and let dry thoroughly. Do not store in a damp compartment. Avoid the possibility of mildew.

BOAT STORAGE

WET STORAGE PROCEDURES: Special care for boats that are moored: If permanently moored in salt water or fresh water, your boat will collect marine growth on its bottom. This will detract from the boat's beauty and greatly affect its performance. There are two methods of preventing this:

- Periodically haul the boat out of the water and scrub the bottom with a bristle brush and a solution of soap and water.

- Paint the hull below the waterline with a good grade of antifouling paint. DO NOT paint the engine drive surfaces.

NOTE: There are EPA regulations regarding bottom paint application. Consult your marine paint dealer for proper application methods.

SECURITY CONSIDERATIONS: Be conscious of the security of your boat. Always remove the key from the ignition, lock the sliding cabin door, store your boat in a secure place, put a lock on the trailer and if location permits chain your trailer to a pole or other permanently fixed object.

TROUBLE SHOOTING

List of Reference Manuals and Drawings

PERFORMANCE: Refer to the owner's manual.

ENGINE: Refer to the owner's manual and/or the engine manual.

ELECTRICAL: Refer to electrical section of the owner's manual and electrical schematics in this owner's manual supplement. Only a qualified marine electrical technician may service the boat's electrical system.

SUPPLEMENTAL GENERAL INFORMATION

Repair and Parts Facilities

To find a Sea Ray® dealer in your area, call: Sea Ray®
Customer Service: 1-800-SRBOATS
FAX: 1-314-827-8488

To find repair and parts facilities for equipment installed on your boat, refer to the original equipment manuals (OEMs) found in the owner's manual packet.

DOCKING / LIFTING

CLEATS: Cleats must not be used for lifting the boat, they are intended for mooring use only.

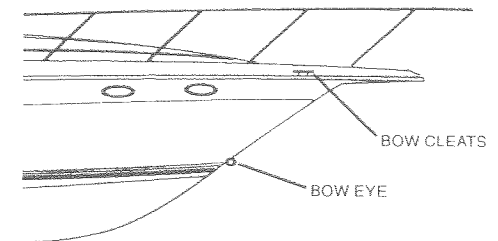
BOW AND STERN EYES: The bow eye should be used to haul the boat onto a trailer. The stern eyes should be used as tie down points for trailering the boat. **Do not** use bow or stern eyes for lifting. Instead, use slings at sling locations on the side of the hull.

For long term storage use flat, wide belt-type slings and spreaders long enough to keep pressure from gunwales. Do not place slings where they may lift on underwater fittings.

REFER TO OWNER'S MANUAL

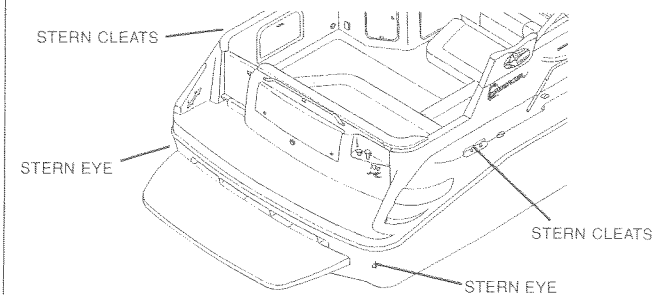
Bow Eye & Cleats

(fig. 20.1)



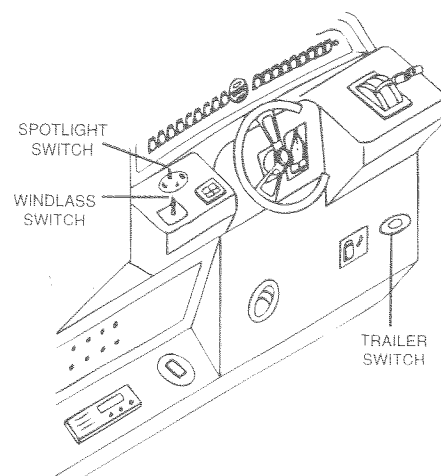
Stern Eyes and Cleats

(fig. 20.2)



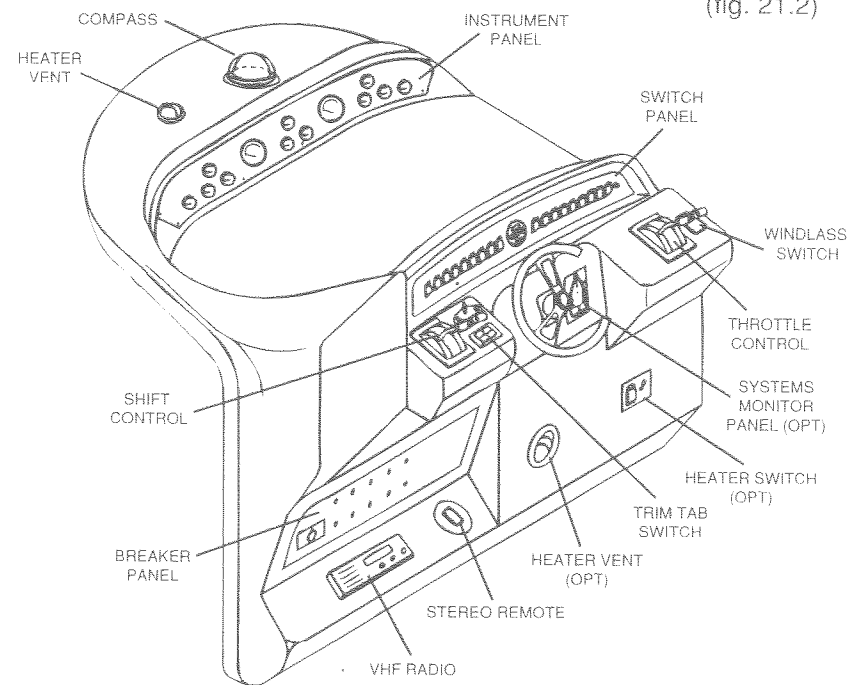
DASH LAYOUT

**Dash Layout
Of Stern Drive (Opt)**
(fig. 21.1)



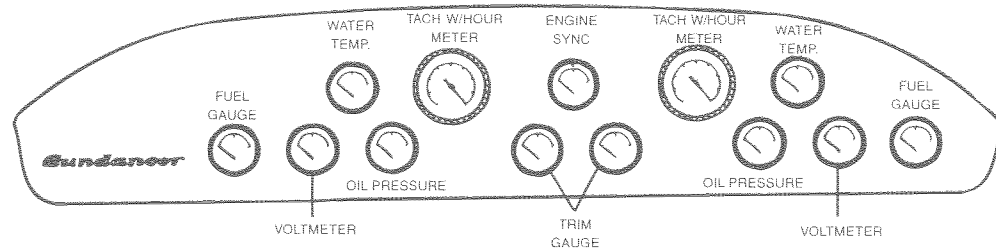
NOTE: FOR A BREAKDOWN OF GAUGES AND SWITCHES REFER TO THE PARTS MANUAL IN THE OWNER'S PACKET.

**Dash Layout
Of V-Drives**
(fig. 21.2)

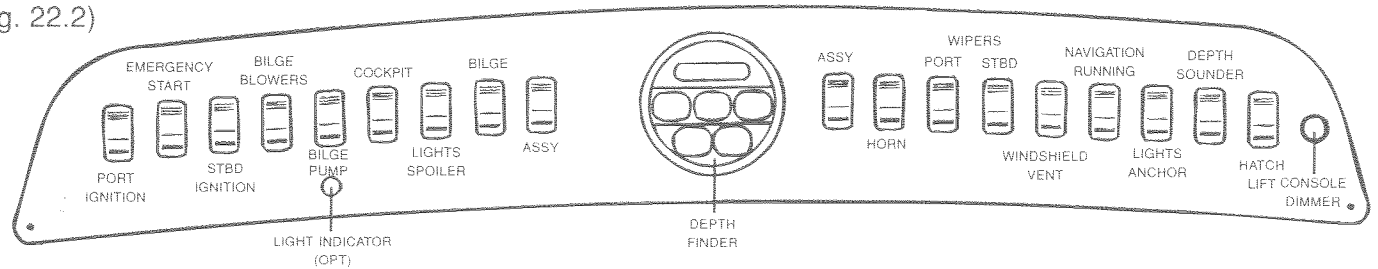


DASH LAYOUT

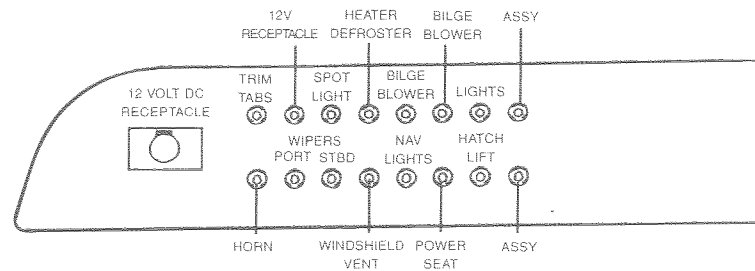
Gauge Panel
(fig. 22.1)



Switch Panel
(fig. 22.2)

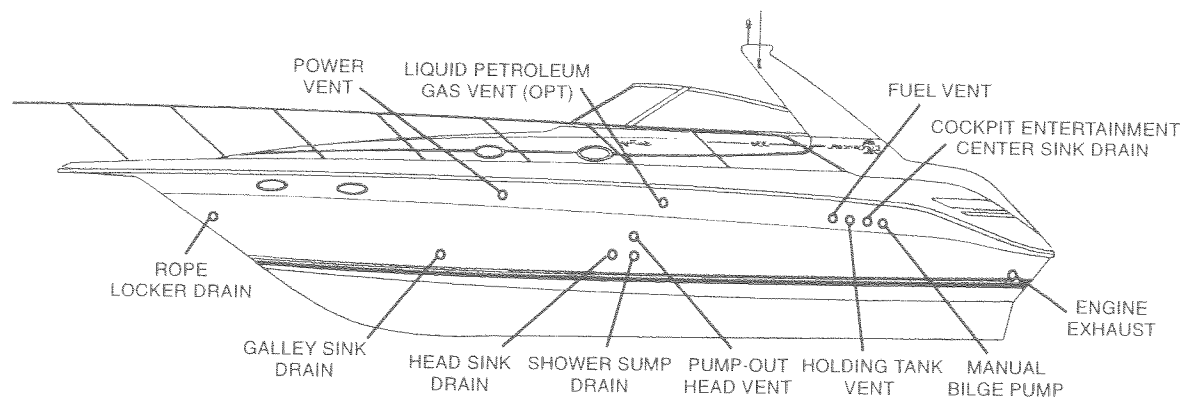


Breaker Panel
(fig. 22.3)

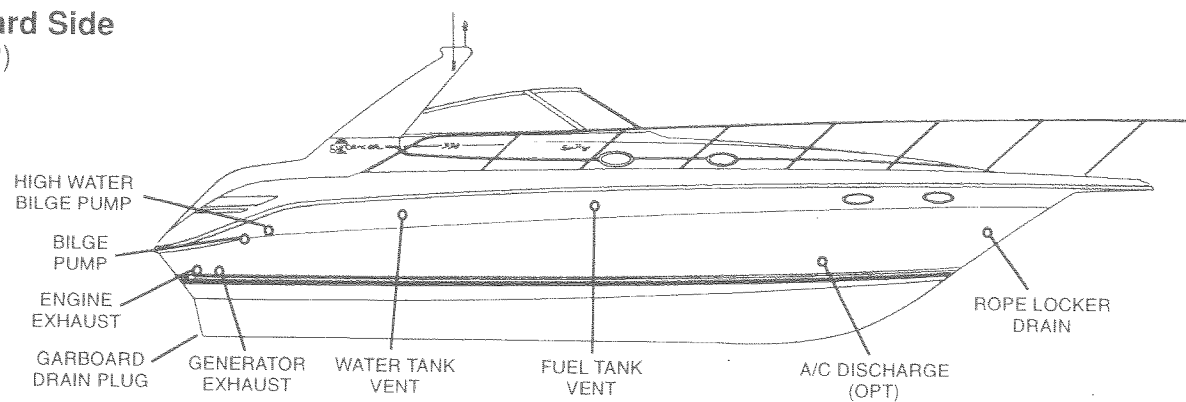


LOCATION OF THROUGH-HULL FITTINGS

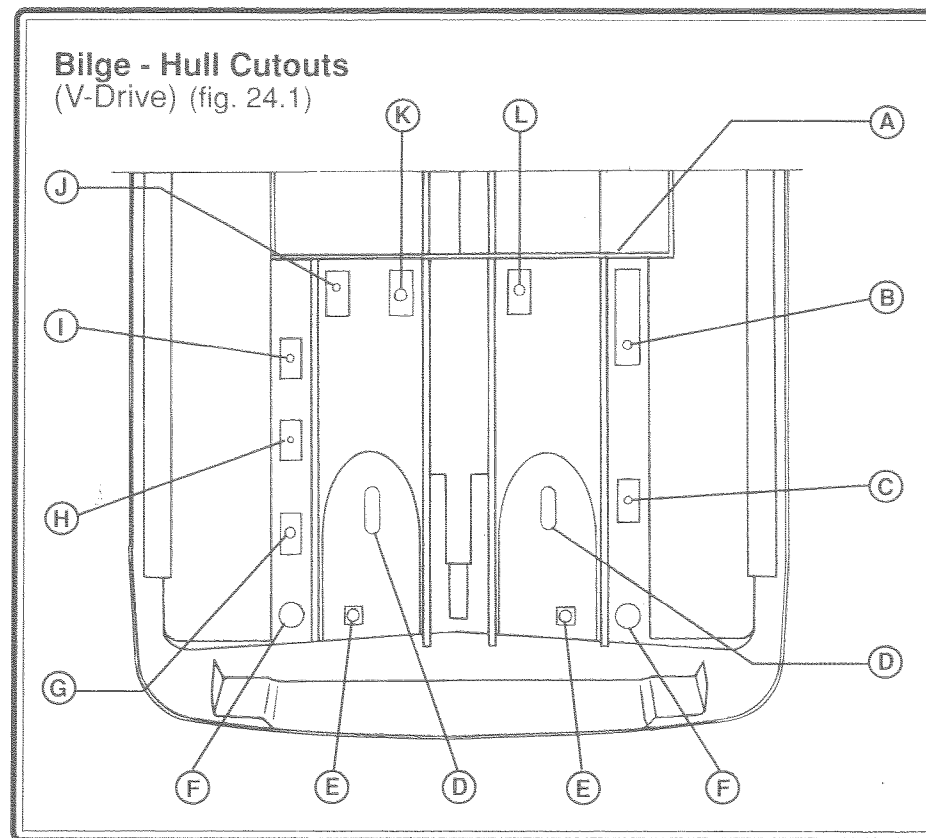
Port Side
(fig. 23.1)



Starboard Side
(fig. 23.2)

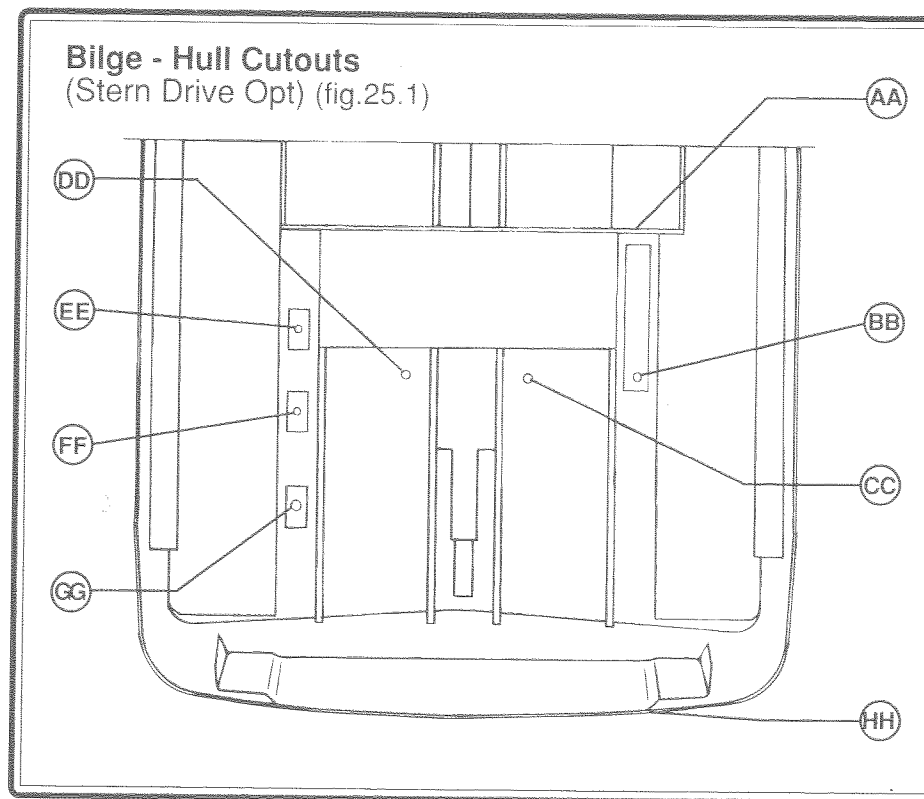


LOCATION OF THROUGH-HULL FITTINGS



- A ENGINE BULKHEAD
- B V-DRIVE ENGINE PICK-UP SEACOCK (OPT)
- C GENERATOR PICK-UP SEACOCK (OPT)
- D SHAFT LOG (TYPICAL PORT & STBD)
- E RUDDER PORT (TYPICAL PORT & STBD)
- F ENGINE EXHAUST (TYPICAL PORT & STBD)
- G HEAD DISCHARGE SEACOCK (OPT)
- H HEAD PICK-UP SEACOCK (OPT)
- I V-DRIVE ENGINE PICK-UP SEACOCK (OPT)
- J A/C PICK-UP SEACOCK (OPT)
- K SUM LOG (OPT)
- L TRANSDUCER (OPT)

LOCATION OF THROUGH-HULL FITTINGS



- AA ENGINE BULKHEAD
- BB GENERATOR PICKUP SEACOCK (OPT)
- CC B&G ELECTRONICS (AUTOHELM RAYTHEON)
- DD B&G ELECTRONICS (AUTOHELM RAYTHEON) (OPT)
- EE A/C PICK-UP SEACOCK (OPT)
- FF HEAD PICK-UP SEACOCK (OPT)
- GG HEAD DISCHARGE SEACOCK (OPT)
- HH STERN

KEY TO ELECTRICAL SYMBOLS

 LIGHT  BATTERY  SPOTLIGHT  STARTER  COIL  HORN  WATER TEMP. SENDER	 GAUGE  FLOAT SWITCH  CIRCUIT BREAKER  2 CIRCUIT IGNITION SWITCH  VARIABLE RESISTOR  SPST SWITCH  SPOT SWITCH  QDET SWITCH	 POWER TRIM & TRIM TAG PUMP  FUSE  MALE PUSH ON CONNECTOR  FEMALE PUSH ON CONNECTOR  MALE PLUG  FEMALE PLUG  SPEED PICK UP  SPEED PICK UP ELECTRONIC	 WIRES CROSSING NO SPLICE  WIRES CROSSING SPLICED  GROUND  ANTENNA  RADIO  DEPTH/SUN LOG  12V RECEPTACLE	 SHIFT / THROTTLE CONTROLS  TRIM ANGLE SENDER  LIQUID LEVEL SENDER  TEMP. ALARM  ALARM HORN  RECTIFIER  SOLENOID	 PUMP  SPEAKER  OIL PRESSURE SENDER  BLOWER  TRIM TAG SWITCH  VHF RADIO  PUSH BUTTON SWITCH	 HALDI  3 POSITION BATTERY SWITCH  HOUR METER  2 CIRCUIT 8 POLE PROGRESSIVE SWITCH  ALTERNATOR  BATTERY ISOLATOR
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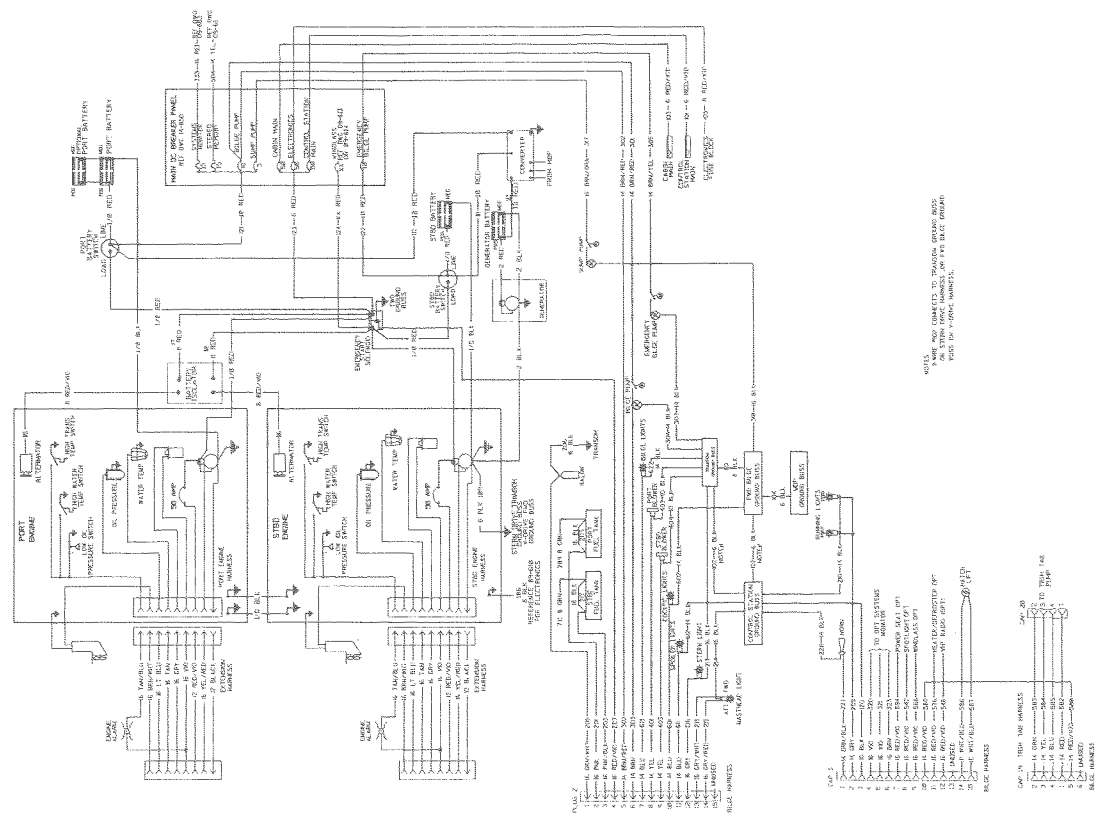
RED -RED BLK -BLACK BLU -BLUE LT BLU -LIGHT BLUE BRN -BROWN GRN -GRAY TAN -TAN Pnk -PINK ORN -ORANGE VIO -VIOLET WHT -WHITE YEL -YELLOW GRN -GREEN RED/VIO-RED W/ VIOLET TRACER RED/BLK-RED W/BLACK TRACER WHT/RED-WHITE W/RED TRACER	BRN/ORN -BROWN W/ORANGE TRACER BLU/WHT-BLUE W/ WHITE TRACER TAN/BLU-TAN W/BLUE TRACER BRN/WHT -BROWN W/ WHITE TRACER BRN/RED -BROWN W/ RED TRACER ORN/GRN -ORANGE W/ GREEN TRACER VIO/WHT -VIOLET W/ WHITE TRACER GRN/WHT -GREEN W/ WHITE TRACER GRY/BLU-GRAY W/ BLUE TRACER YEL/RED -YELLOW W/ RED TRACER GRY/RED-GRAY W/RED TRACER BRN/YEL-BROWN W/YELLOW TRACER ORN/RED-ORANGE W/RED TRACER ORN/BLK-ORANGE W/BLACK TRACER P-U -PICK UP TUBE	 BUTT SPLICE  RING CONNECTOR * 10 RING  FEMALE QUICK CONNECT  MALE QUICK CONNECT  .157 SNAP PLUG RECEPTACLE  .157 SNAP PLUG  AMP 75 CONNECTOR  FEMALE QUICK CONNECT PIGGYBACK  INSULATED FEMALE SNAP PLUG  INSULATED MALE SNAP PLUG
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- 1) ALL WIRE IS AMERICAN WIRE GAUGE (AWG) STANDARDS
- 2) THE CONNECTOR SIZE IS DETERMINED BY THE GAUGE OF THE WIRE THE CONNECTOR IS USED ON.
- 3) QUICK CONNECT TERMINALS TO BE .250 UNLESS OTHERWISE INDICATED. TAB THICKNESS IS .032'
- 4) TERMINALS ARE TO BE TIN PLATED COPPER WITH NYLON INSULATION AMP, ETC OR EQUIVALENT

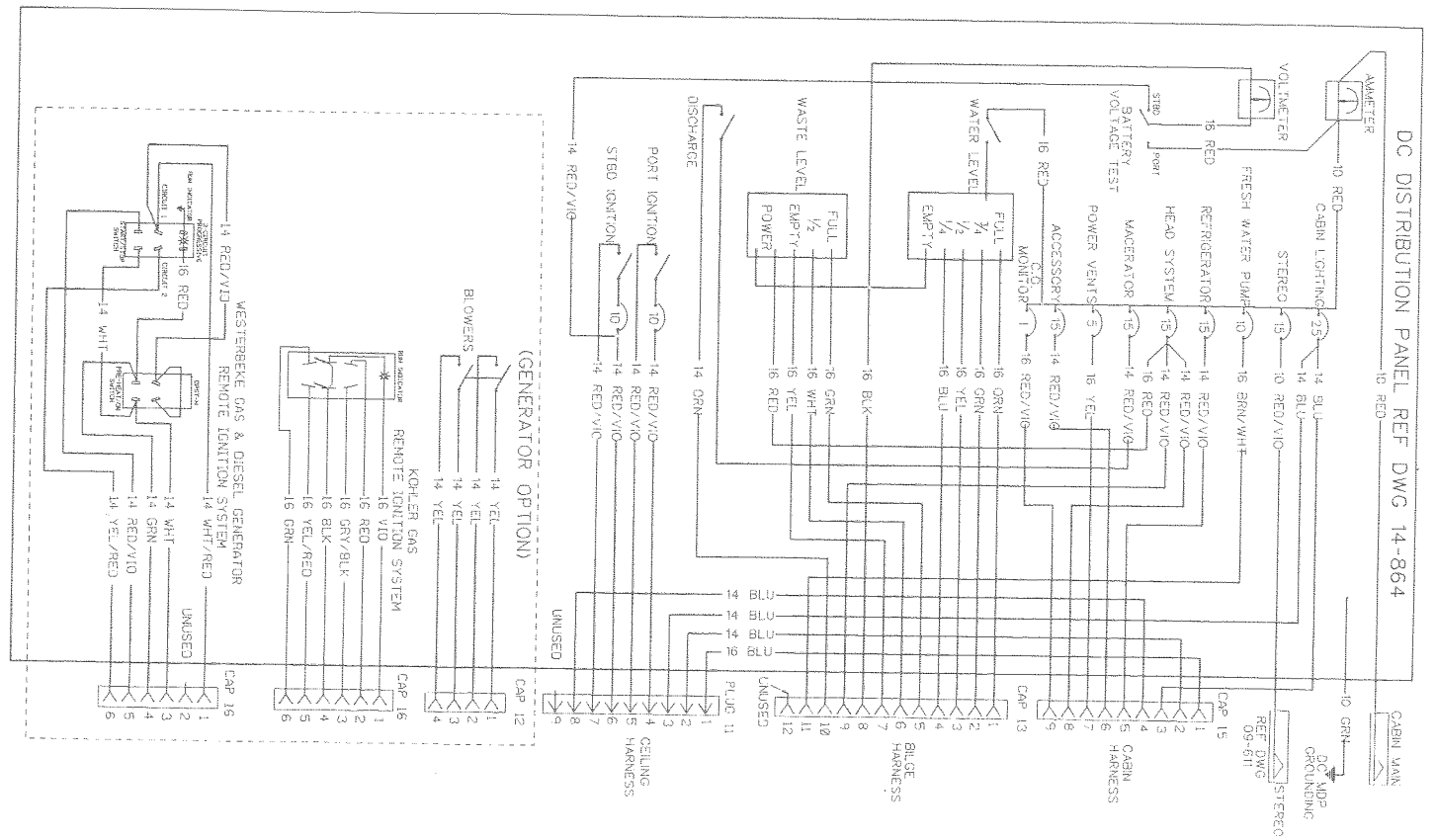
DC WIRING SCHEMATIC (1 OF 2)



DC WIRING SCHEMATIC (2 OF 2)



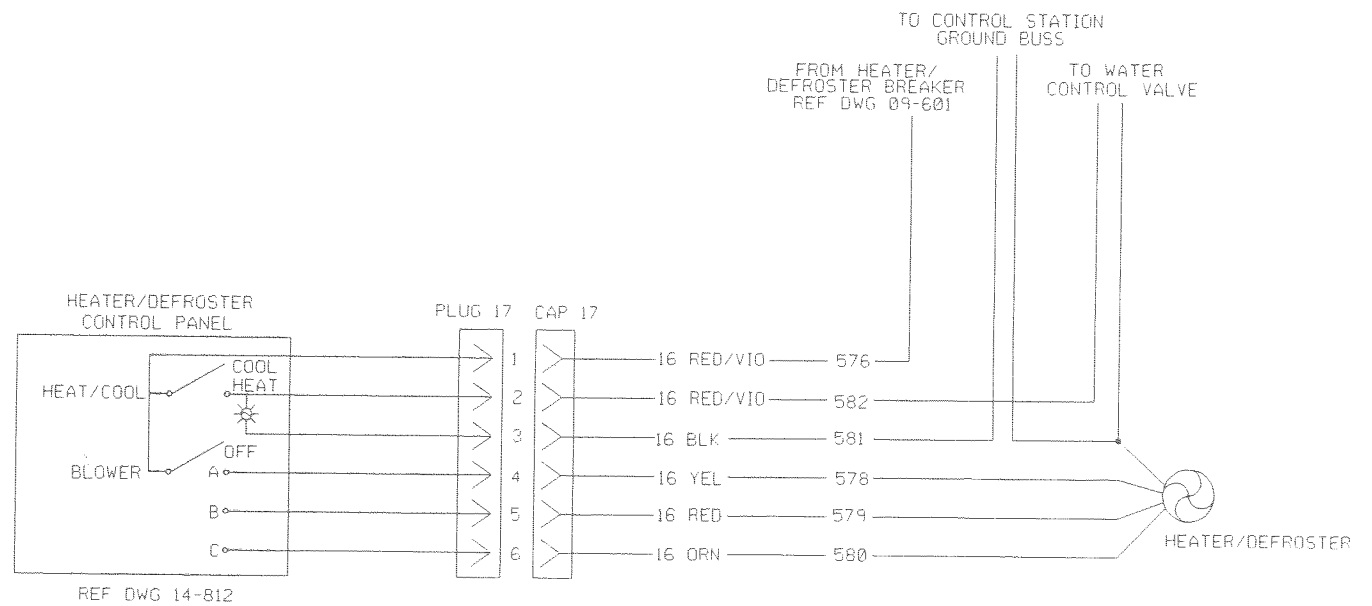
CABIN DC WIRING SCHEMATIC (1 OF 2)



The specification measurements and locations are approximations and subject to variance

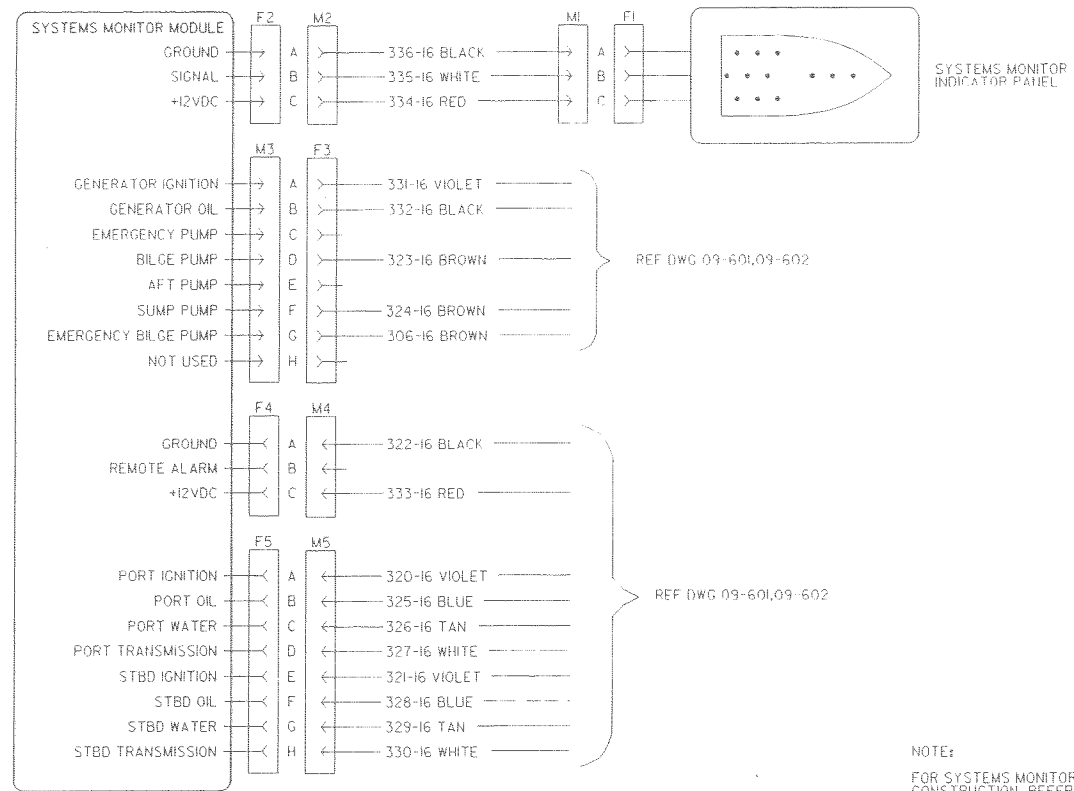


HEATER / DEFROSTER WIRING DIAGRAM

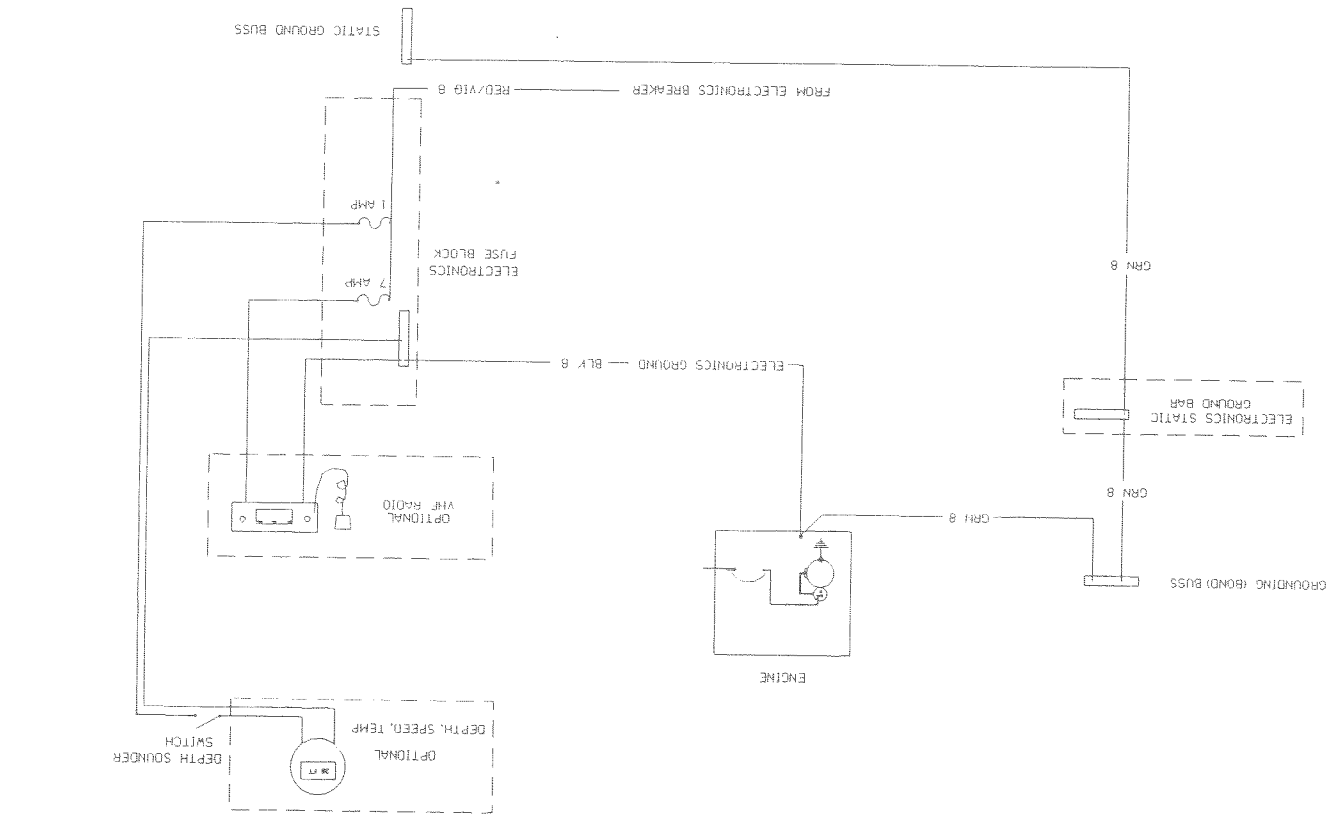


REF DWG 09-887 FOR HARNESS CONSTRUCTION

SYSTEMS MONITOR MODULE WIRING DIAGRAM

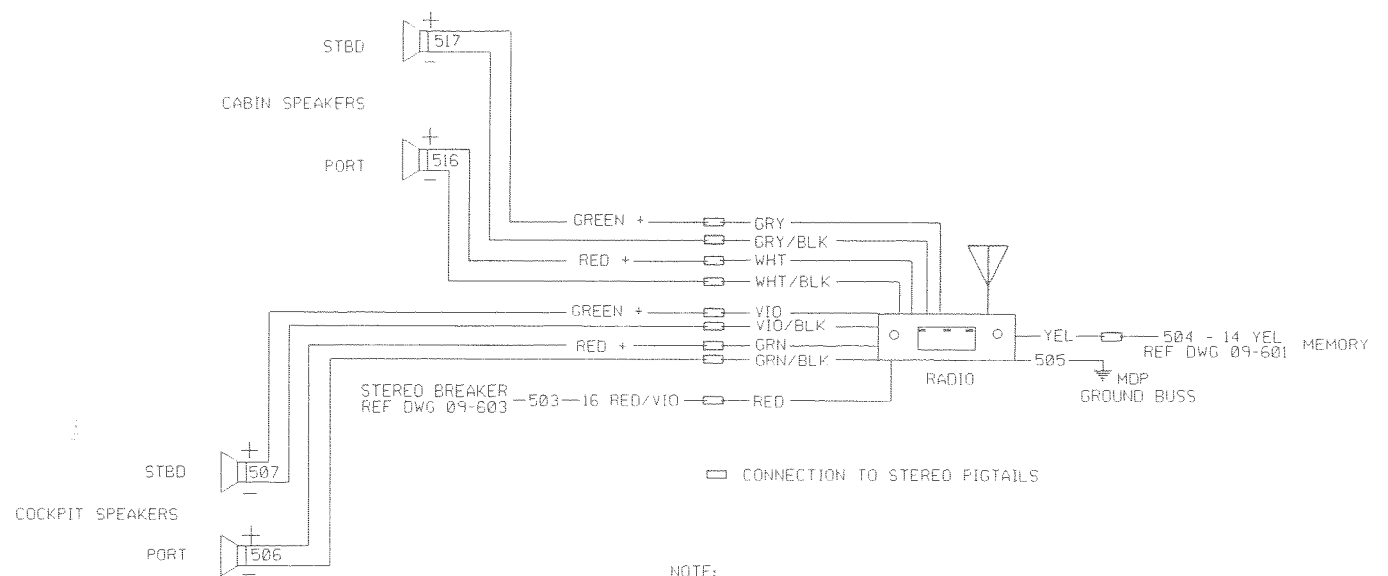


50 AMP ELECTRONICS CIRCUIT WIRING DIAGRAM



The specification measurements and locations are approximations and subject to variance.

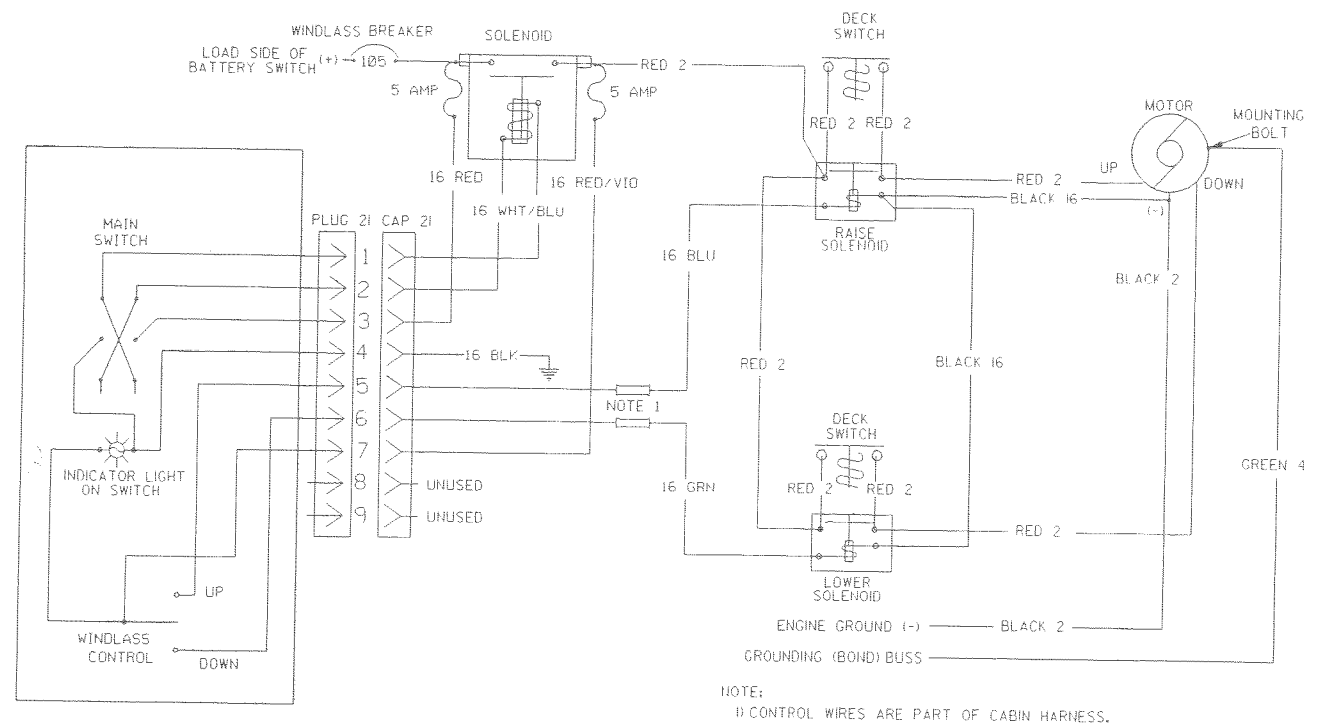
STEREO WIRING (FOUR SPEAKER)



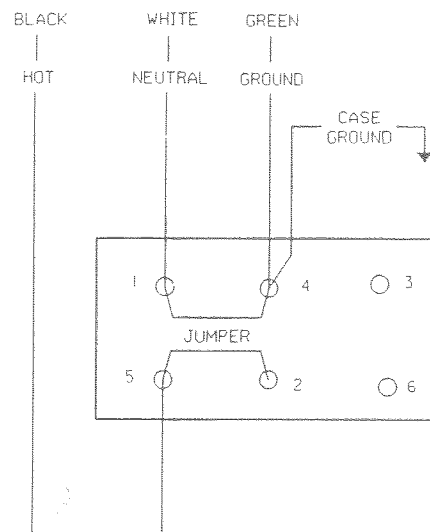
NOTE:

- 1) CONNECT STEREO MEMORY WIRE TO CONSTANT HOT IN MAIN DC BREAKER PANEL. FUSE TO BE WITHIN 7' OF CONNECTION POINT.
- 2) USE ON CLARION MODEL 8204R OR M1000R ONLY.

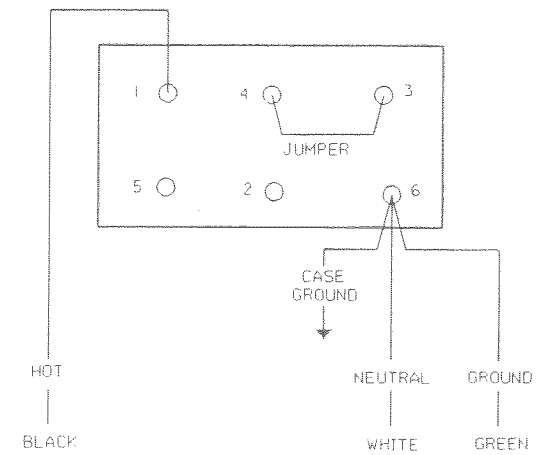
LOFRANS PROGRESS 1 WINDLASS WIRING



WESTERBEKE® GENERATOR HIGH VOLTAGE WIRING

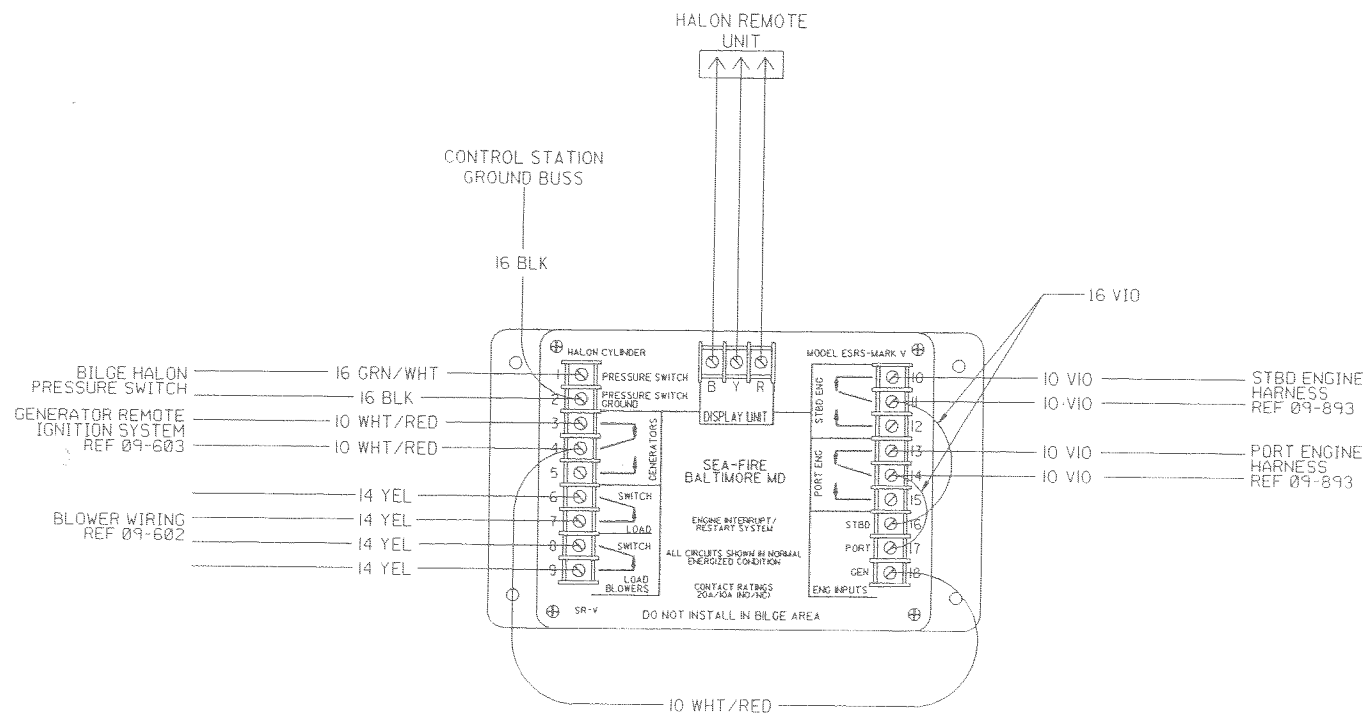


120V 60HZ

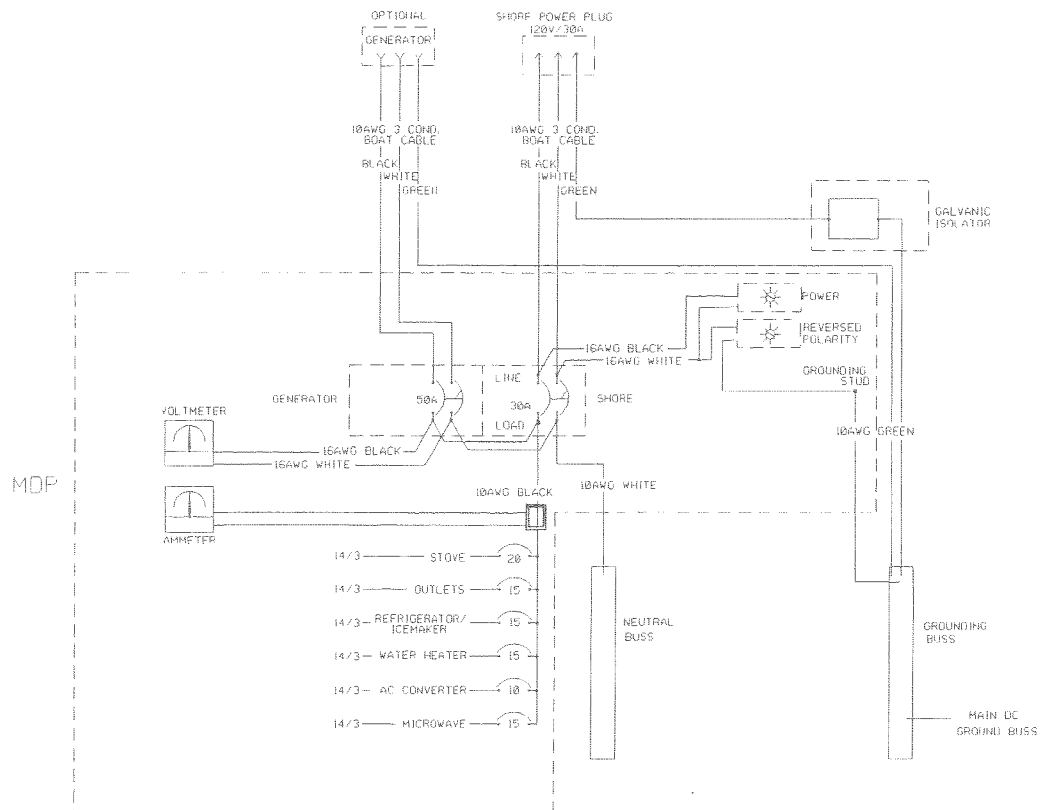


220V 50HZ

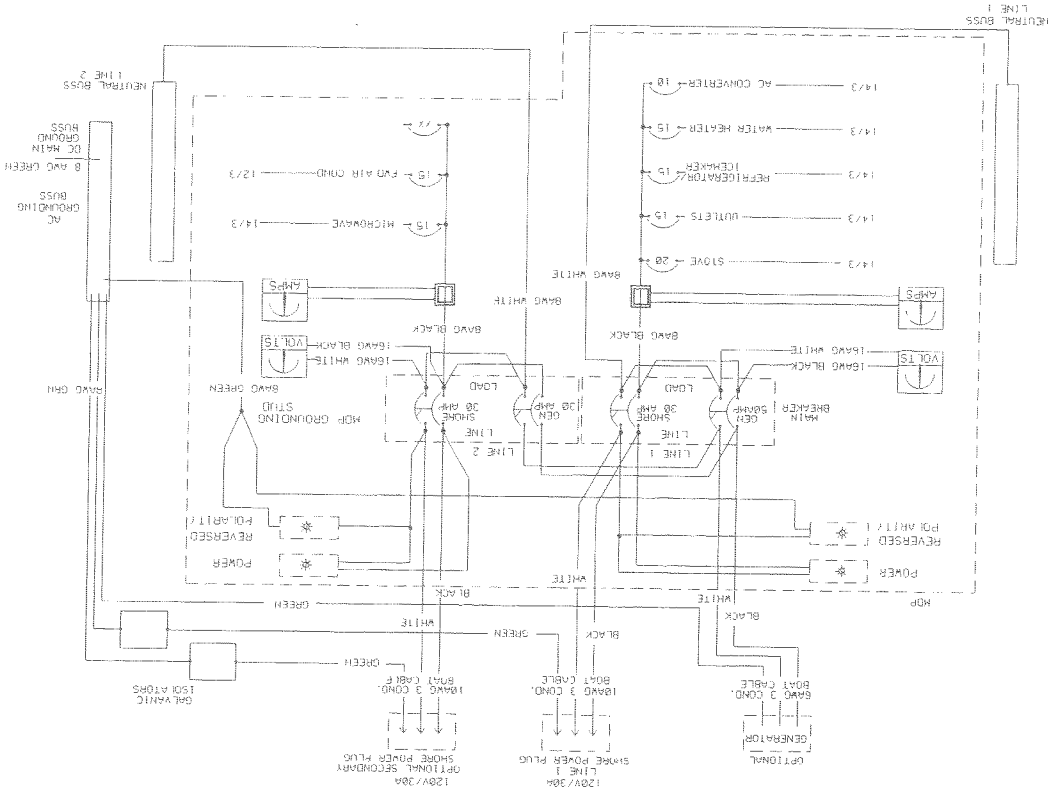
DC WIRING (WITH TWIN 4.2L MERCURY D-TRONIC DIESEL OPTION)



AC WIRING DIAGRAM

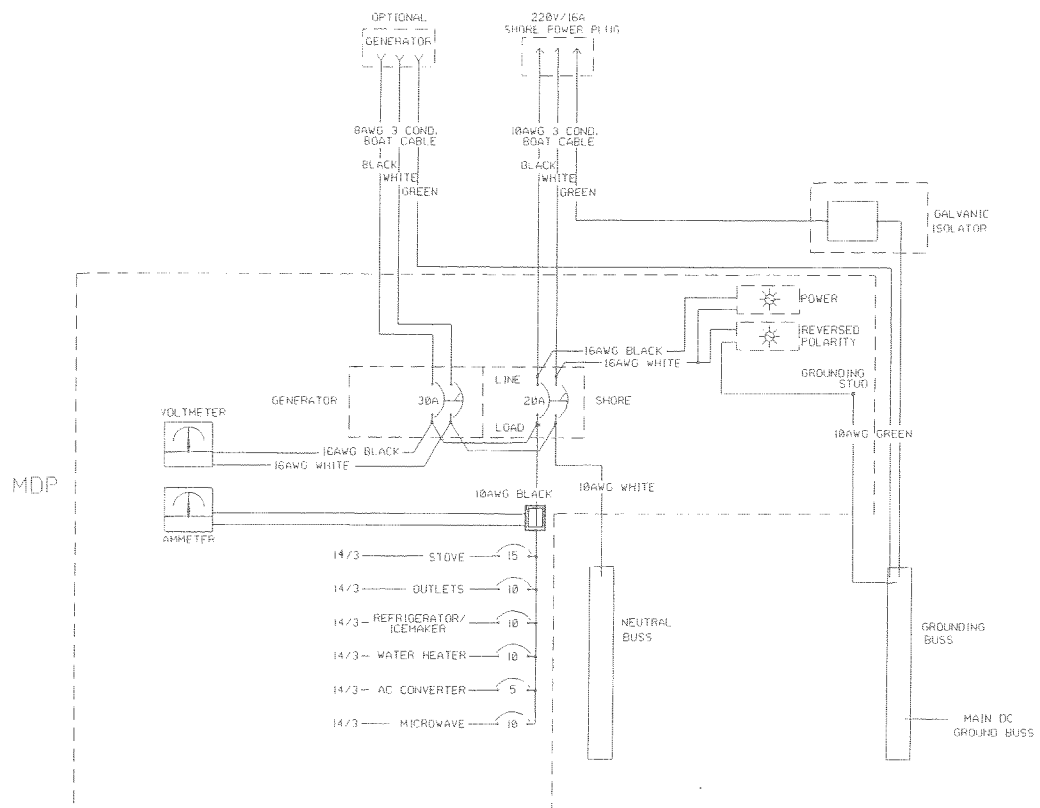


120 VOLT AC WIRING DIAGRAM WITH GENERATOR AND SECONDARY OPTIONS

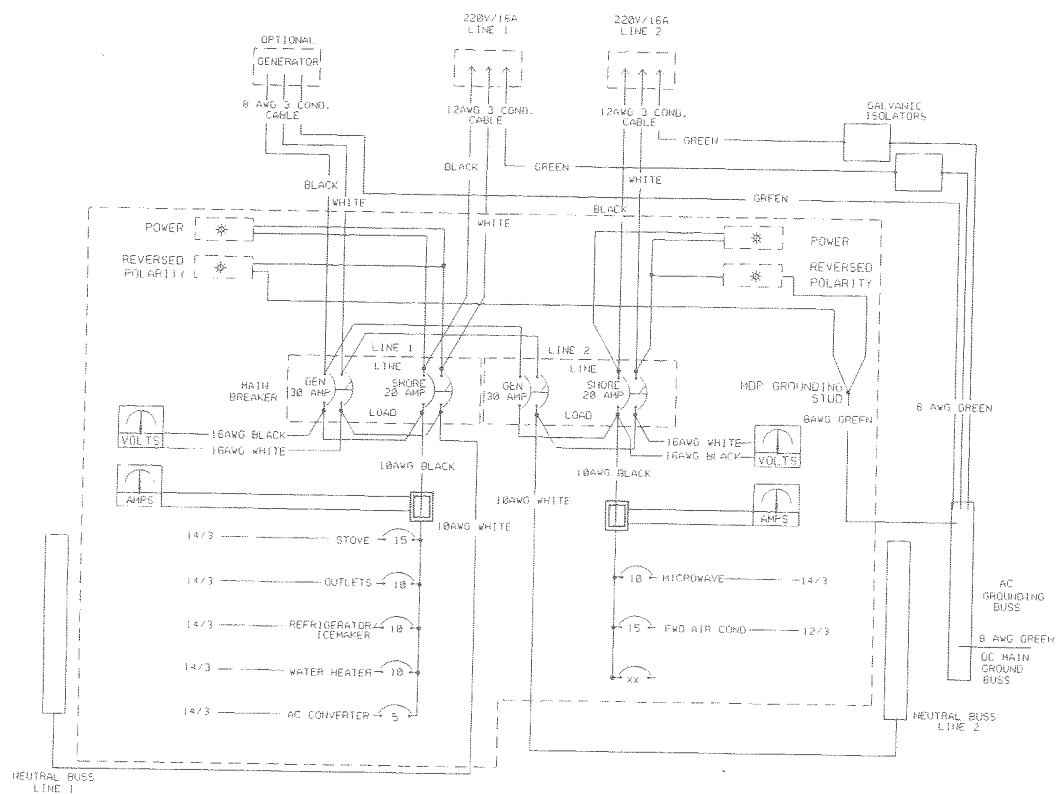


The specification measurements and locations are approximations and subject to variance.

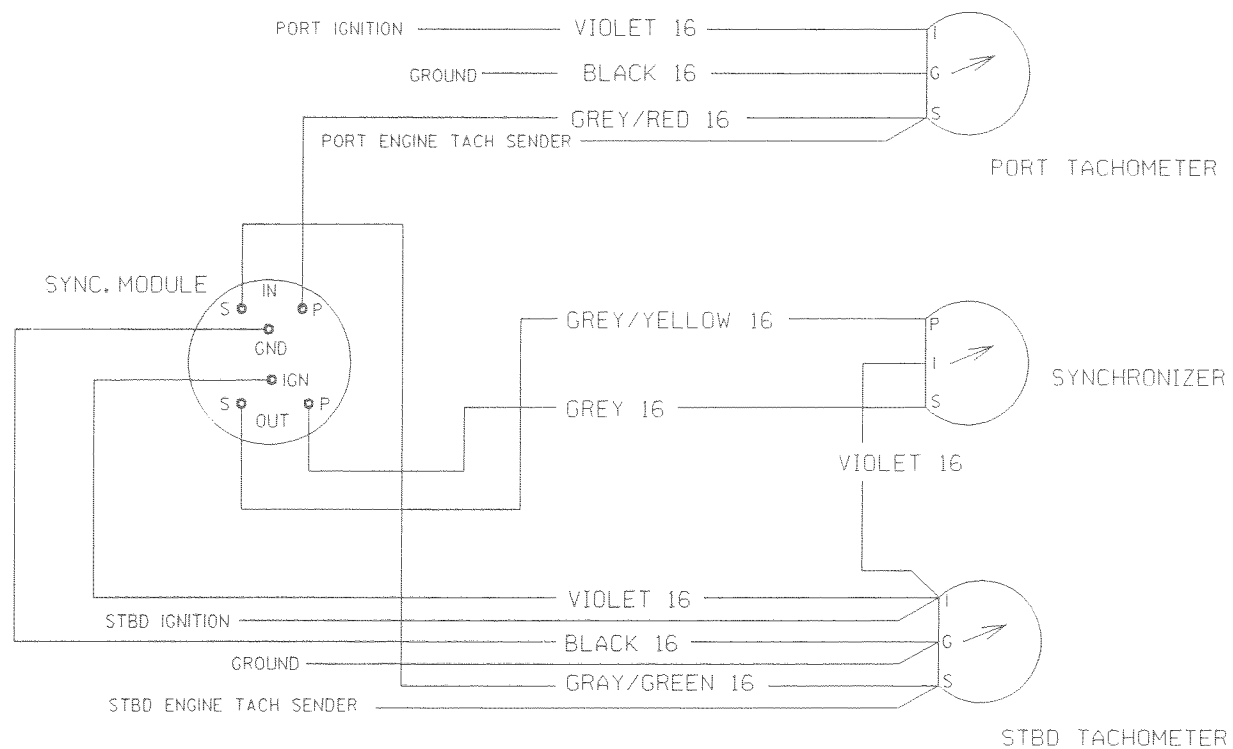
220 VOLT AC WIRING DIAGRAM (OPTION)



AC WIRING DIAGRAM WITH GENERATOR AND SECONDARY 220VAC/50HZ



TELEFLEX® ENGINE SYNCHRONIZER MODULE WIRING



NOTE: WIRED AS SHOWN, GAUGE WILL INDICATE TOWARD SLOWER ENGINE.

INTERNATIONAL HOMOLOGATIONS

This vessel and its systems have been constructed in accordance with standards and specifications in effect at the time of manufacture as published by the various regulatory authorities listed below.

1. Ministere De La Mer - France
2. Registro Italiano Navale - Italy
3. Det Norske Veritas - Norway
4. Securite des Nauires - Canada
5. J.C.I. (Japan Craft Inspection) - Japan
6. N.K.K. (Nippon Kaiji Kyokai) - Japan
7. B.S.I. (British Standards Institute) - England
8. Ministerio Obras Publicas Y Transporters - Spain
9. EC Directive - European Community

Further information may be obtained from Sea Ray® Customer Service. 1-800-SRBOATS.

NOTES

