BAJLINER®

Classic Runabouts

Owner's Manual Supplement

Engine Serial Number:	

Hull Identification Number:

Hull Identification Number

- The Hull Identification Number (HIN) is located on the starboard side of the transom.
- Record the HIN (and the engine serial numbers) in the space provided above.
- Refer to the HIN for any correspondence or orders.



© 2004 Bayliner Technical Publications. All rights reserved.

No part of this publication may be reproduced, stored in any retrieval system, or transmitted in any form by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of Bayliner.

Printed in the United States of America.

General Notes

The material in this document is for information only and is subject to change without notice. While reasonable efforts have been made in the preparation of this document to assure its accuracy, Bayliner assumes no liability resulting from errors or omissions in this document, or from the use of information contained herein. Due to our commitment to product improvement, Bayliner reserves the right to make changes in the product design, specifications, and equipment at any time without notice or obligation. Illustrations and/or photos may show optional equipment.

All Bayliner products meet or exceed USCG (United States Coast Guard) and/or NMMA (National Marine Manufacturer's Association) construction standards. Manufactured with 1,1,1 Trichloroethane, a substance which harms public health and environment during the manufacturing process by destroying ozone in the upper atmosphere.

Proprietary Rights

This document discloses subject matter in which Bayliner has proprietary rights. The information and design disclosed herein were originated by and are the property of Bayliner. Neither receipt nor possession thereof confers or transfers any right to reproduce, copy, alter or disclose the document or any part thereof, any information contained therein, or to construct boats or any item from it, except by written permission from or written agreement with Bayliner. This document is to be returned upon request to Bayliner.

CONTENTS

19

Component Locations

1	Chapter 1: Welcome Aboard!		Chapter 4: Propulsion &	
1	Dealer Service	24	Related Systems	
1	Warranty Information Boating Experience		Engine 24 Special Starting Instructions for Carbureted Engines (If Equipped)	
1				
2	Engine & Accessories Guidelines	24	Bilge Blower System	
_	2 Propeller	25	Fuel System	
2	Engine & Accessories Literature		25 Fuel Fill & Vent 26 Fuel Filters	
3	Qualified Maintenance		26 Anti-siphon Valve	
3	Special Care For Moored Boats		Quick Oil Drain System	
4	Safety Standards			
5	Carbon Monoxide (CO) 5 Facts about CO		Chapter 5: Controls & Gauges	
	6 Where and How CO Can Accumulate	28	Steering	
	6 How to Protect Yourself and Others From CO 7 CO Checklists	28	Shift/Throttle Controls	
	7 CO Monitor	28	Power Trim and Tilt	
	8 More Information		Gauges	
_	Chantan 2: Braduct Chasifications		29 Cleaning Gauges 29 Gauge Fogging	
9	Chapter 2: Product Specifications		29 Radio Transmission Interference	
9	192		29 Fuel Gauge	
9	194	20	Chantan C. Dhumbin a	
10	195	30 30	Chapter 6: Plumbing	
10			Bilge Pump 30 Bilge Pump Testing	
11	215	31	Drain Systems	
		٠.	31 Deck Drains	
12	Chapter 3: Locations	31	Portable Toilet	
	Exterior Views 12 192, 194 & 195 Exterior Hull Views 13 210 & 215 Exterior Hull Views 14 192 Deck Views 15 194 Deck View 15 195 Deck View 16 210 Deck Views 17 215 Deck Views		Seawater System (194 Only) 31 Seacock	
			Livewell System (194 Only)	
18	Helm View			

33	Chapter 7: Deck Equipment	43	Chapter 10: Lights
33	• •		Care and Maintenance
33	Pre-rigging For Bow Mount Trolling Motor (194 Only)	43 43	Interior & Exterior Lights
33	Ski Tow Ring	43	Navigation Lights
34 Ca 34 34 35 35 36 36 37	Canvas (If Equipped) 34 192 & 195 Convertible Top (If Equipped)		Chapter 11: Electrical System
	34 195 Bimini Top (If Equipped) 35 194 Convertible Top (If Equipped) 35 194 Bimini Top (IF Equipped) 36 210 & 215 Convertible Top 36 215 Bimini Top (If Equipped) 37 Canvas Care 38 Clear Vinyl Care	45	12-Volt DC System 45 Battery 45 Fuses and Circuit Breakers 45 12-Volt Accessory Outlet 45 Alternator
		46	Electrical Routings 46 192 Deck Electrical Harnesses 46 194 Deck Electrical Harnesses
39	Chapter 8: Entertainment System		47 195 Deck Electrical Harnesses 47 210 Deck Electrical Harnesses
39	Audio System		48 215 Deck Electrical Harnesses 48 195, 192 & 194 Hull Electrical Harness 49 210 & 215 Hull Electrical Harness
40	Chapter 9: Convertible Seats, Beds, & Tables	50	Wiring Diagram
40	Sleeper Seats 40 Operating Positions 40 Lounge positions	51	Important Records
41	Jump Seat To Sunlounge Conversion	52	Float Plan
42	Removable Fishing Seat (194 Only)		

Hazard Boxes & Symbols

The hazard boxes and symbols shown below are used throughout this Supplement to call attention to potentially dangerous situations which could lead to either personal injury or product damage. **Read** *ALL* **warnings carefully and follow** *all* **safety instructions.**

A DANGER!

This box alerts you to immediate hazards which WILL cause severe personal injury or death if the warning is ignored.

WARNING!

This box alerts you to hazards or unsafe practices which *COULD* result in severe personal injury or death if the warning is ignored.

⚠ CAUTION

This box alerts you to hazards or unsafe practices which *COULD* result in minor personal injury or cause product or property damage if the warning is ignored.

NOTICE

This box calls attention to installation, operation or maintenance information, which is important to proper operation but is *not* hazard related.



















Chapter 1: Welcome Aboard!

- This Owner's Manual Supplement provides information about your boat that is **not** covered in the Sport Boat Owner's Manual.
- **Before** using your boat, study this *Owner's Manual Supplement*, the *Cruiser & Yacht Owner's Manual*, and **all** engine and accessory literature carefully.
- Keep this *Owner's Manual Supplement* and the *Sport Boat Owner's Manual* on your boat in a secure, yet readily available place.

Dealer Service

- Your dealer is your key to service.
- Ask your dealer to explain all systems before taking delivery of your boat.
- Contact your dealer if you have any problems with your new boat.
- If your dealer cannot help, call our customer service hotline: 360-435-8957 or send us a FAX: 360-403-4235.
- Buy replacement parts from any authorized Bayliner dealer.

Warranty Information

- Bayliner offers a Limited Warranty on each new Bayliner purchased through an authorized Bayliner dealer.
- A copy of the Limited Warranty was included in your owner's packet.
- If you did not receive a copy of the Limited Warranty, please contact your Bayliner dealer or call 360-435-8957 for a copy.

Boating Experience

A WARNING!

CONTROL HAZARD!

A qualified operator *must* be in control of the boat at *all* times. Do *NOT* operate your boat while under the influence of alcohol or drugs.

If this is your first boat or if you are changing to a type of boat you are *not* familiar with, for your own comfort and safety, obtain handling and operating experience *before* assuming command of this boat.

Take one of the boating safety classes offered by the U.S. Power Squadrons or the U.S. Coast Guard Auxiliary. For more course information, including dates and locations of upcoming classes, contact the organizations directly:

- U.S. Power Squadrons: 1-888-FOR-USPS (1-888-367-8777) or on the Internet at: http://www.usps.org
- In Canada, for the CPS courses call 1-888-CPS-BOAT.
- U.S. Coast Guard Auxiliary: 1-800-368-5647 or on the Internet at: http://www.cgaux.org

Outside the United States, your selling dealer, national sailing federation or local boat club can advise you of local sea schools or competent instructors.



Engine & Accessories Guidelines

NOTICE

When storing your boat please refer to your engine's operation and maintenance manuals.

- Your boat's engine and accessories were selected to provide optimum performance and service.
- Installing a different engine or other accessories may cause unwanted handling characteristics.
- Should you choose to install a different engine or to add accessories that will affect the boat's running trim, have an experienced marine technician perform a safety inspection and handling test *before* operating your boat again.

Certain modifications to your boat will result in cancellation of your warranty protection.

• Always check with your dealer before making any modifications to your boat.

Propeller

↑ CAUTION

ENGINE DAMAGE HAZARD!

The factory standard propeller may not be the best for your particular boat and load conditions. Refer to the engine manual for engine RPM ratings. The engine should reach, but not exceed its full rated RPM when full-throttle is applied.

Immediately contact your local Bayliner dealer if:

- The engine cannot reach its full rated RPM when full-throttle is applied, or;
- The engine exceeds its full rated RPM when full-throttle is applied.
- Keep the propeller in good repair and at the correct pitch for your particular situation.
- A slightly bent or nicked propeller *will* adversely affect the performance of your boat.

Engine & Accessories Literature

- The engine and accessories installed on your boat come with their own operation and maintenance manuals.
- Read these manuals *before* using the engine and accessories.
- Unless noted otherwise, *all* engine and accessory literature referred to in this *Supplement* is included in your owner's packet.



Qualified Maintenance

A WARNING!

To maintain the integrity and safety of your boat, allow *only* qualified personnel to perform maintenance on, or in any way modify the:

- Steering System
- Propulsion System
- Engine Control System
- Fuel System
- Environmental Control System
- Electrical System
- Navigational System
- Failure to maintain your boat's systems (listed in the warning above) as designed could violate the laws in your jurisdiction and could expose you and other people to the danger of bodily injury or accidental death.
- Follow the instructions provided in the *Sport Boat Owner's Manual*, this *Supplement*, the engine owner's manual and *all* accessory literature.

Special Care For Moored Boats

NOTICE

- To help seal the hull bottom and reduce the possibility of gelcoat blistering on moored boats, apply an epoxy barrier coating.
- The barrier coating should be covered with several coats of anti-fouling paint.
- Many states regulate the chemical content of bottom paints in order to meet environmental standards. Check with your local dealer about recommended bottom paints, and about the laws in effect in your area.
- Whether moored in saltwater or freshwater, your boat will collect marine growth on its hull bottom.
- This will detract from the boat's beauty, greatly affect its performance and may damage the gelcoat.
- Periodically haul the boat out of the water and scrub the hull bottom with a bristle brush and a solution of soap and water.



Safety Standards

A DANGER!

FALLING and ROTATING PROPELLER HAZARD!

- NEVER allow anyone to ride on parts of the boat not designed for such use.
- Sitting on seat backs, lounging on the forward deck, bow riding, gunwale riding or occupying the transom platform while underway is especially hazardous and *will* cause personal injury or death.

A DANGER!



ROTATING PROPELLER and CARBON MONOXIDE POISONING HAZARD!

- NEVER allow anyone to occupy, or hang from, the back deck or swim platform while the engine(s) are running.
- Teak surfing, dragging, or water skiing within 20 feet of a moving watercraft can be fatal.

A DANGER!

PERSONAL SAFETY HAZARD!

ALWAYS secure the anchor and other loose objects before getting underway. The anchor and other items that are not properly secured can come loose when the boat is moving and cause personal injury or death.

- Your boat's mechanical and electrical systems were designed to meet safety standards in effect at the time it was built.
- Some of these standards were mandated by law, all of them were designed to insure your safety, and the safety of other people, vessels and property.

In addition to this *Supplement*, please read the *Sport Boat Owner's Manual* and *all* accessory instructions for important safety standards and hazard information.



Carbon Monoxide (CO)

A DANGER!



- Carbon monoxide gas (CO) is colorless, odorless, tasteless, and extremely dangerous.
- All engines, generators, and fuel burning appliances produce CO as exhaust.
- Prolonged exposure to low concentrations or very quick exposure to high concentrations will cause BRAIN DAMAGE or DEATH.
- Teak surfing, dragging, or water skiing within 20 feet of a moving watercraft can be fatal.

Facts about CO

- CO poisoning causes a significant number of boating deaths each year.
- Called the "silent killer", CO is an extremely toxic, colorless, odorless and tasteless gas.
- CO can harm or even kill you inside or outside your boat.
- CO can affect you whether you're underway, moored, or anchored.
- CO symptoms are similar to seasickness or alcohol intoxication.
- CO can make you sick in seconds. In high enough concentrations, even a few breaths can be fatal.
- Breathing CO blocks the ability of your blood to carry oxygen.
- The effects are cumulative, even low levels of exposure can result in injury or death.

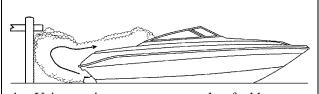
Factors That Increase the Effects of CO Poisoning

- Age
- Smokers or people exposed to high concentrations of cigarette smoke
- Consumption of alcohol
- Lung disorders
- Heart problems
- Pregnancy



Where and How CO Can Accumulate

Stationary Conditions That Increase CO Accumulations Include:



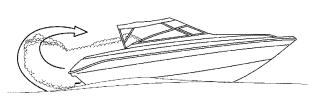
A. Using engine, generator, or other fuel burning device when boat is moored in a confined space.

B. Mooring too close to another boat that is using its engine, generator, or other fuel burning device.

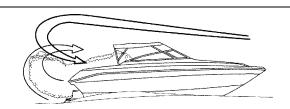
To correct stationary situations A and/or B:

- *Close all* windows, portlights and hatches.
- If possible, move your boat away from source of CO.

Running Conditions That Increase CO Accumulations Include:



C. Running boat with trim angle of bow too high.



D. Running boat without through ventilation (station wagon effect).

To correct running situations C and/or D:

- Trim bow down.
- *Open* windows and canvas.
- When possible, run boat so that prevailing winds help dissipate exhaust.

How to Protect Yourself and Others From CO

- Know where and how CO may accumulate in and around your boat (see above).
- Maintain fresh air circulation throughout the boat at *all* times.
- Know where your engine and generator exhaust outlets are located and keep everyone away from these areas.
- Never sit on, or hang onto, the back deck or swim platform while the engine(s) are running.
- *Never* enter the areas under swim platforms where exhaust outlets are located.
- Although CO can be present without the smell of exhaust fumes, if exhaust fumes are detected on the boat, take *immediate* action to dissipate these fumes.
- Treat symptoms of seasickness as possible CO poisoning. Get the person into fresh air *immediately*. Seek medical attention—unless you're sure it's not CO.
- Install and maintain CO alarms inside your boat. Do *not* ignore any alarm. Replace alarms as recommended by the alarm manufacturer.
- Follow the checklists provided on the next page.
- Get a Vessel Safety Check.

For information on how to get a free VESSEL SAFETY CHECK, visit www.vesselsafetycheck.org or contact your local U.S. Coast Guard Auxiliary or United States Power Squadrons®.

- U.S. Coast Guard Auxiliary: 1-800-368-5647 or on the Internet at: http://www.cgaux.org
- U.S. Power Squadrons: 1-888-FOR-USPS (1-888-367-8777) or on the Internet at: http://www.usps.org



CO Checklists

Trip Checklist

- ☐ Make sure you know where the exhaust outlets are located on your boat.
- ☐ Educate *all* passengers about the symptoms of CO poisoning and where CO may accumulate.
- ☐ When docked, or rafted with another boat, be aware of exhaust emissions from the other boat.
- ☐ Listen for any change in exhaust sound, which could indicate an exhaust component failure.
- ☐ Test the operation of each CO alarm by pressing the test button.

Monthly Checklist

- ☐ Make sure *all* exhaust clamps are in place and secure.
- ☐ Look for exhaust leaking from exhaust system components. Signs include rust and/or black streaking, water leaks, or corroded or cracked fittings.
- ☐ Inspect rubber exhaust hoses for burned, cracked, or deteriorated sections. *All* rubber hoses should be pliable and free of kinks.

Annual Checklist

Have a Qualified Marine Technician:

- Replace exhaust hoses if cracking, charring, or deterioration is found.
- ☐ Ensure that your engines and generators are properly tuned, and well maintained.
- Inspect each water pump impeller and the water pump housing. Replace if worn. Make sure cooling systems are in working condition.
- ☐ Inspect *all* metallic exhaust components for cracking, rusting, leaking, or loosening. Make sure they check the cylinder head gasket, exhaust manifold, water injection elbow, and the threaded adapter nipple between the manifold and the elbow.
- ☐ Clean, inspect, and confirm proper operation of the generator cooling water anti-siphon valve (if equipped).

CO Monitor

NOTICE

The stereo memory and CO monitor place a small, but constant drain on the battery.

- Do *not* disconnect the CO monitor.
- Read the manufacturer's instructions for your CO monitor. If you did not receive the manufacturer's instructions, call (800) 383-0269 and one will be mailed to you.

If your boat is *not* equipped with a CO monitor, consider purchasing one from your dealer or marine supply store.



More Information

For more information about how you can prevent carbon monoxide poisoning on recreational boats and other ways to boat more safely, contact:

United States Coast Guard Office of Boating Safety (G-OPB-3) 2100 Second Street SW Washington, DC 20593 www.uscgboating.org 1-800-368-5647 National Marine Manufacturers Association (NMMA) 200 East Randolph Drive Suite 5100 Chicago, IL 60601-9301

www.nmma.org 312-946-6200 American Boat & Yacht Council, Inc. (ABYC)
3069 Solomon's Island Road
Edgewater, MD 21037-1416
www.abycinc.org

410-956-1050

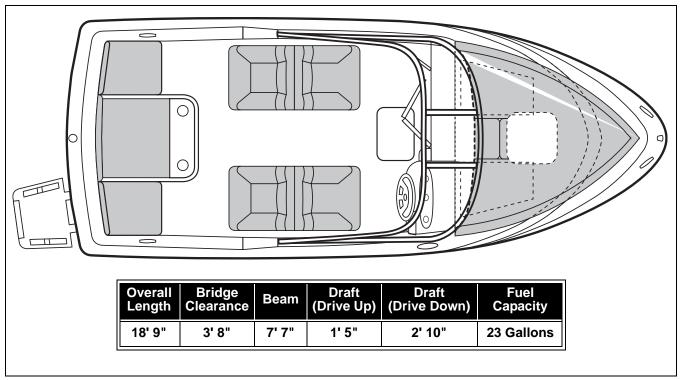
For information on how to get a free VESSEL SAFETY CHECK, visit www.vesselsafetycheck.org or contact your local U.S. Coast Guard Auxiliary or United States Power Squadrons®.

- U.S. Coast Guard Auxiliary: 1-800-368-5647 or on the Internet at: http://www.cgaux.org
- U.S. Power Squadrons: 1-888-FOR-USPS (1-888-367-8777) or on the Internet at: http://www.usps.org

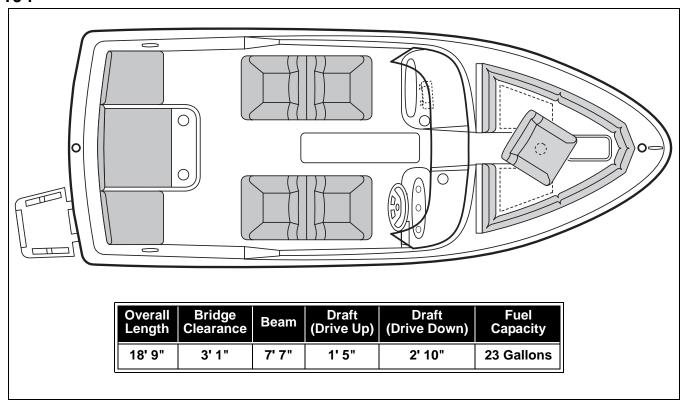


Chapter 2: Product Specifications

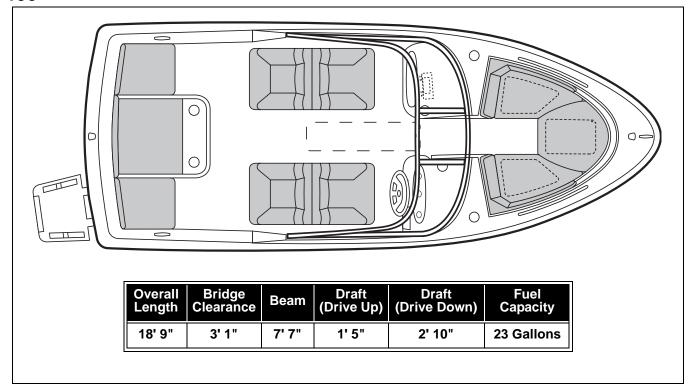
192



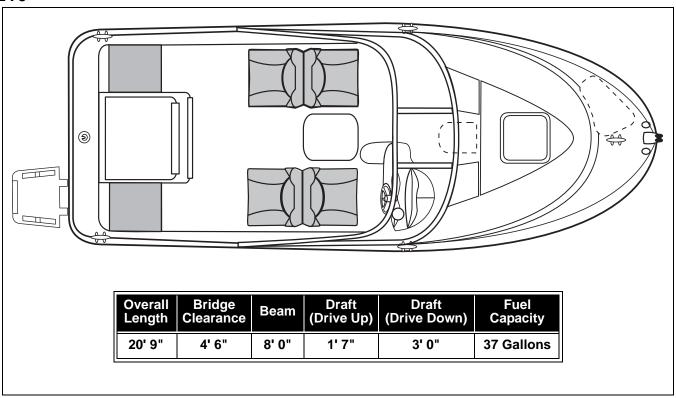
194



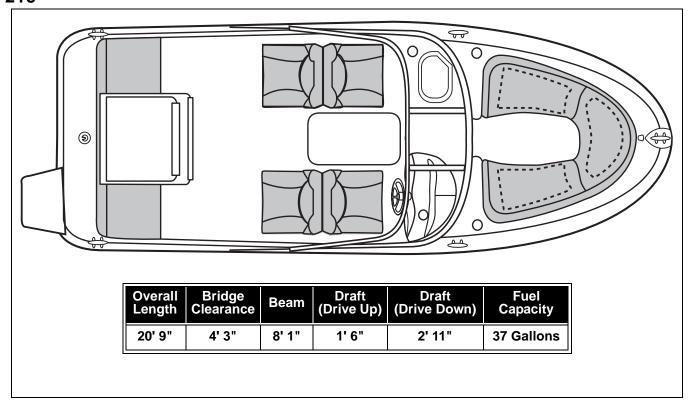
195



210



215

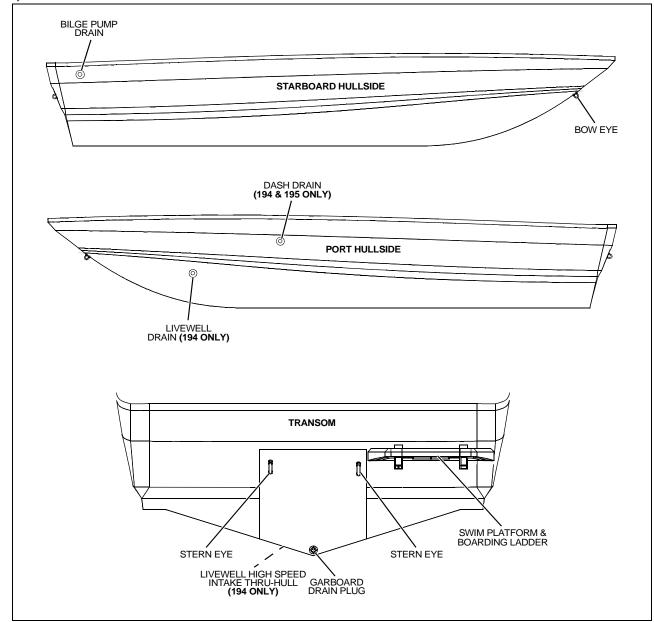




Chapter 3: Locations

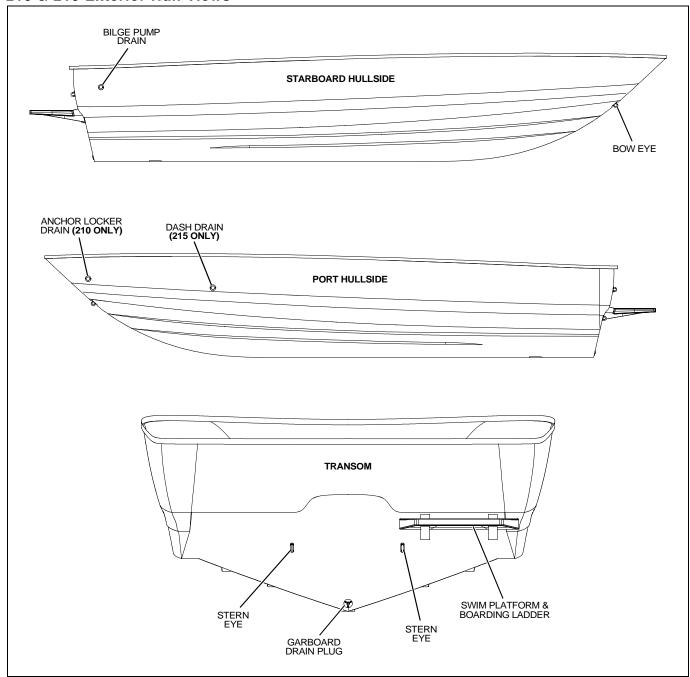
Exterior Views

192, 194 & 195 Exterior Hull Views



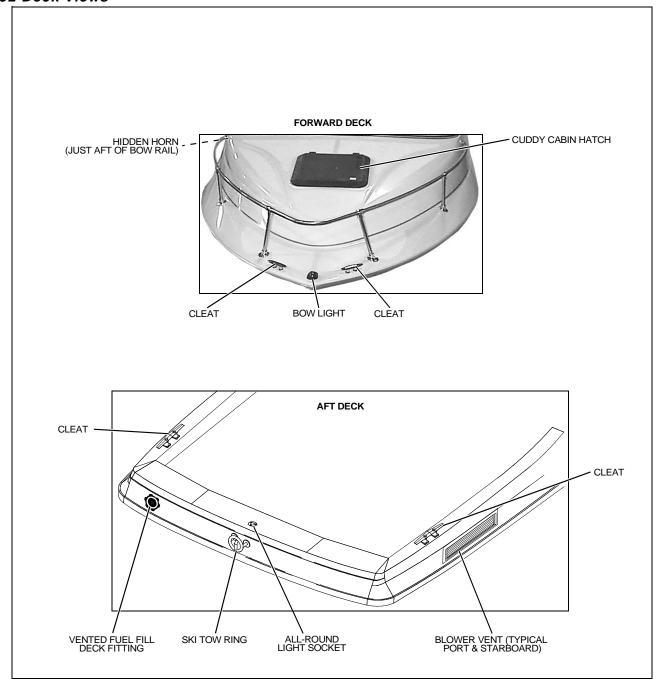


210 & 215 Exterior Hull Views

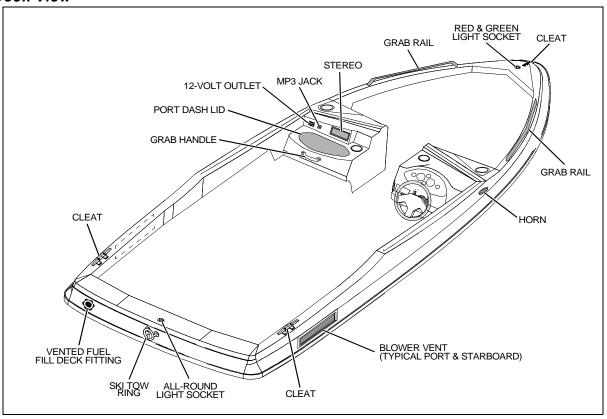




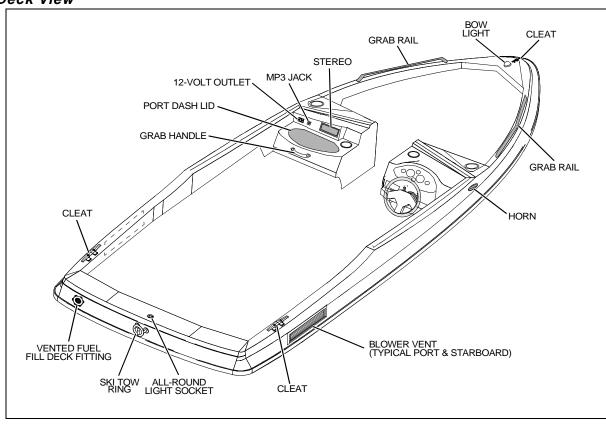
192 Deck Views



194 Deck View

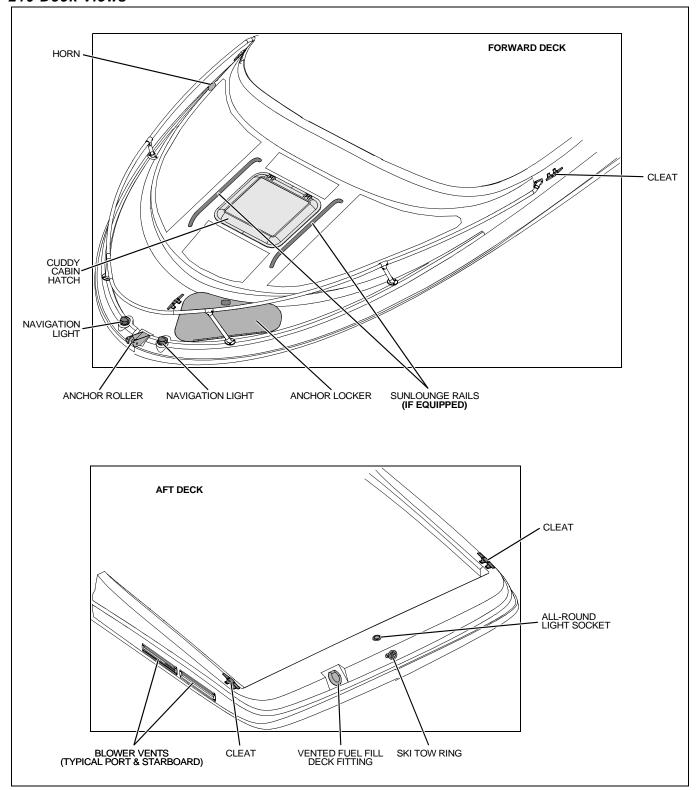


195 Deck View

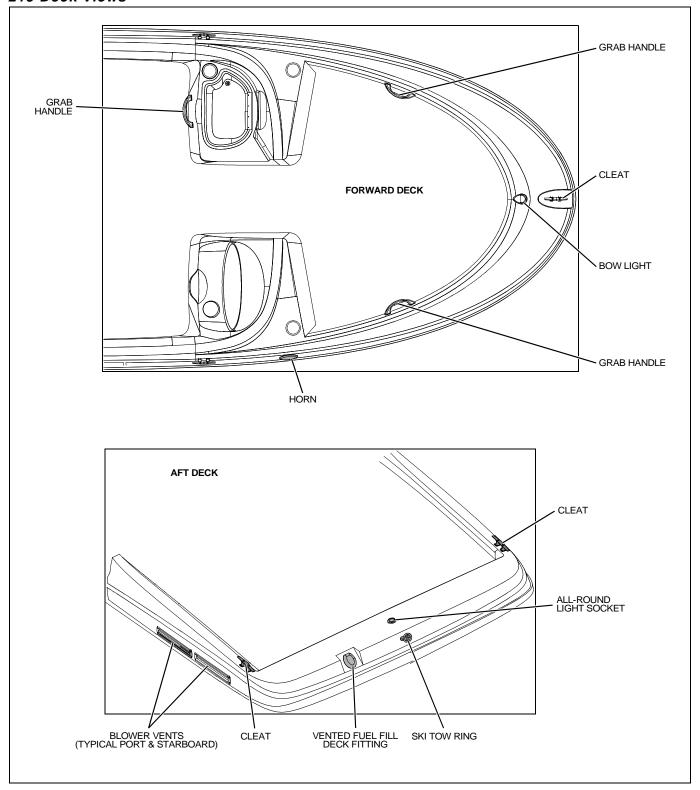




210 Deck Views

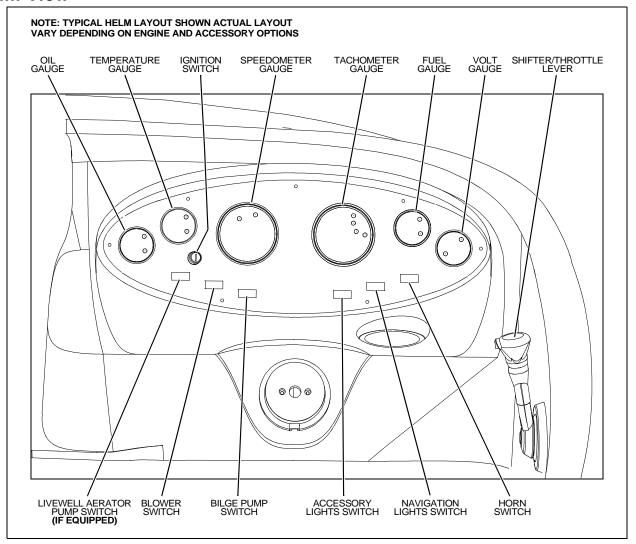


215 Deck Views



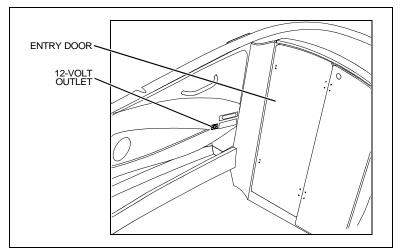


Helm View

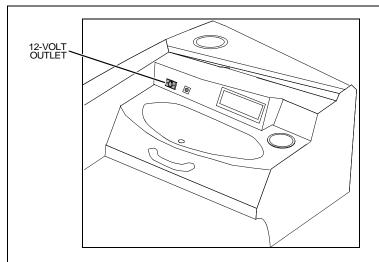


Component Locations

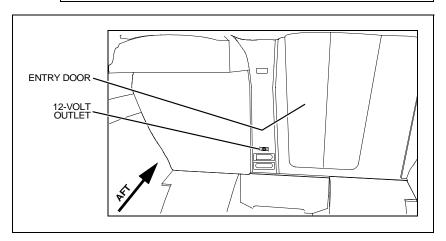
12-Volt Accessory Outlet - 192: Located on the port cockpit side panel, next to the entry door.



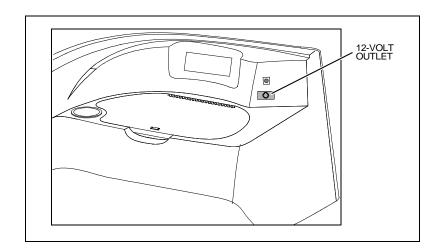
12-Volt Accessory Outlet - 194 & 195: Located on the port side dash.



12-Volt Accessory Outlet - 210: Located on the starboard aft wall of the cabin, next to the entry door.

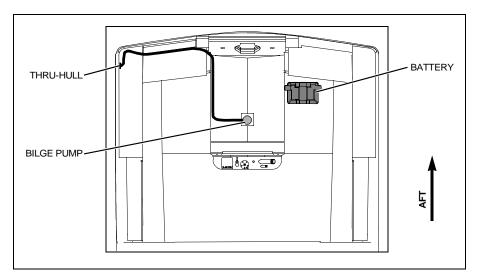


12-Volt Accessory Outlet - 215: Located on the port side dash.

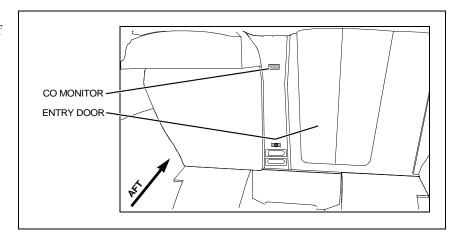


Battery: Located on the port side of the engine compartment.

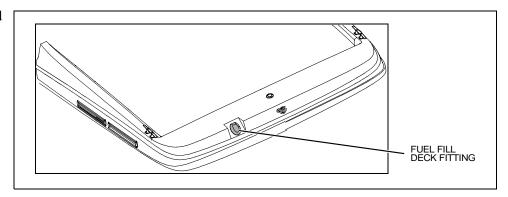
Bilge Pump: Located in the engine compartment bilge.



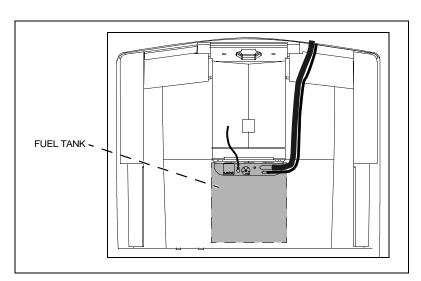
Carbon Monoxide Monitor - 192 & 210: Located on the starboard aft wall of the cabin, next to the entry door.



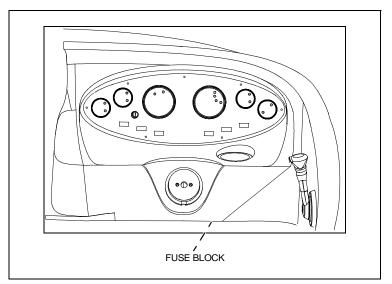
Fuel Fill Deck Fitting: Located on the port aft deck.



Fuel Tank: Located under the cockpit floor. Access is through the engine compartment

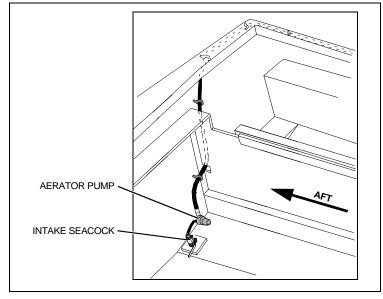


Fuse Block: Located under the helm dash.

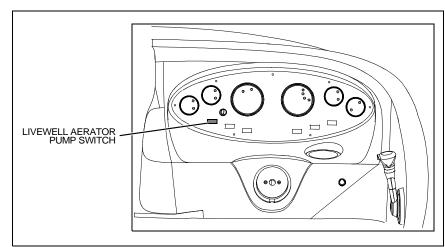


Livewell Aerator Pump - (194 Only): Located aft in the engine compartment.

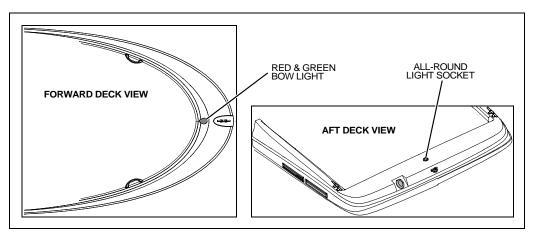
Livewell Intake Seacock - (194 Only): Located aft in the engine compartment.



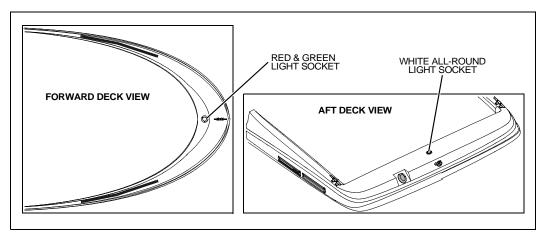
Livewell Aerator Pump Switch - (194 Only): Located at the helm.



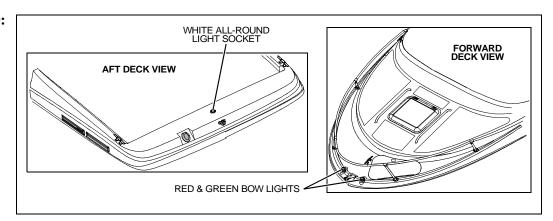
Navigation Lights - 192, 195 & 215: A single red and green light is located on the bow, and a removable white all-round light is located on the stern.



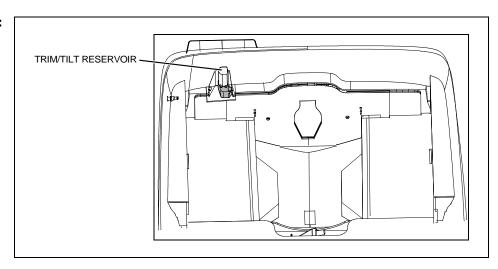
Navigation Lights - 194: A removable red and green light is located on the bow, and a removable white all-round light is located on the stern.



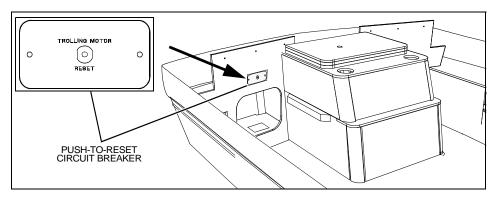
Navigation Lights - 210: Separate red and green lights are located on the bow, and a removable white all-round light is located on the stern.



Power Trim and Tilt Reservoir: Located on the starboard aft wall of the engine compartment.



Trolling Motor Push-To-Reset Circuit Breaker - (194 Only): Located on the starboard aft cockpit wall.



Chapter 4: Propulsion & Related Systems

Engine

Read the engine operation and maintenance manuals *before* starting or doing any maintenance on the engine.

Special Starting Instructions for Carbureted Engines (If Equipped)

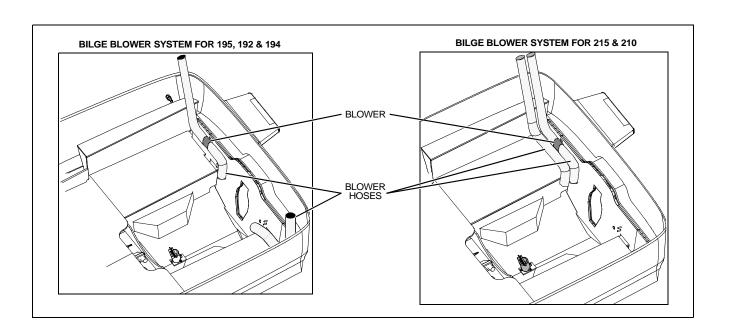
Some carbureted engines can be difficult to start when they are cold. In addition to following *all* instructions and heeding *all* warnings in the engine manual, try the following:

- 1. Pump the throttle lever from the 1/4 throttle position to the full throttle position 3 or 4 times.
- 2. Return the throttle lever to the 1/4 throttle position.
- 3. Continue the starting procedure as described in the engine manual.

Bilge Blower System



- Use of the bilge blower system is NOTA GUARANTEE that explosive fumes have been removed.
- BEFORE starting the engine ALWAYS use the "sniff test" to check the engine and bilge areas for fuel vapors.
- If you smell fuel, do NOT start the engine and do NOT turn On any electrical devices.
- If you smell fuel and the engine is already running, shut *Off* the engine and turn *Off all* electrical devices. Investigate *immediately*.
- Do NOT obstruct or modify the bilge blower system.





- The bilge blower removes explosive fumes from the engine and bilge areas.
- Fresh air is drawn into the engine and bilge areas through the vents.

To make sure the engine and bilge areas are properly ventilated:

- Use the "sniff test" to check the engine and bilge areas for fuel vapors *before* starting the engine.
- Always run the bilge blower for at least four minutes before starting the engine.
- Continue to run the blower until your boat has reached cruising speed.
- Always run the blower when running the boat below cruising speed.

Fuel System

A WARNING!



FIRE, EXPLOSION AND OPEN FLAME HAZARD!

- It is very important that the fuel system be inspected thoroughly the first time it is filled and at each subsequent filling.
- The fueling instructions in the *Sport Boat Owner's Manual* and the fuel recommendations in the engine operation manual *must* be followed.

↑ CAUTION

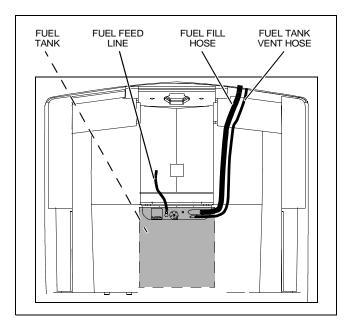
Avoid the storage or handling of gear near the fuel lines, fittings and tank.

NOTICE

Carefully read the fuel section of both the *Sport Boat Owner's Manual* and the engine operation manual, paying special attention to the subject of *fuel recommendations*.

Fuel Fill & Vent

- The fuel fill fitting is marked "Gas".
- If you have problems filling the fuel tank, see if the fuel fill hose or fuel tank vent hose is kinked or collapsed.
- If there are no visible signs of a problem, contact your local dealer.



Fuel Filters

- The fuel pickup tube, located inside the fuel tank, is equipped with a fine mesh screen filter.
- In addition, when supplied by the engine manufacturer, a fuel filter is installed on the engine.
- Periodically replace the fuel filters to make sure they remain clean and free of debris.
- Talk to your selling dealer or local marina about fuel additives that help prevent fungus or other buildup in your fuel tank.

Anti-siphon Valve

NOTICE

- If an engine running problem is diagnosed as fuel starvation, check the anti-siphon valve.
- If the valve is stuck or clogged, change or replace it while the engine is shut down.
- NEVER run the engine with the anti-siphon valve removed, except in an emergency.
- The anti-siphon valve is a vital fuel system part.
- If the fuel line ruptures, this valve will prevent the fuel from siphoning from the tank.
- The valve is located on the fuel tank, where the fuel feed line attaches to the tank.
- The valve is spring loaded and is opened by fuel pump vacuum.



Quick Oil Drain System

The quick oil drain hose was attached to the engine oil pan at the factory. However, some minor assembly is still needed *before* you can use this system.

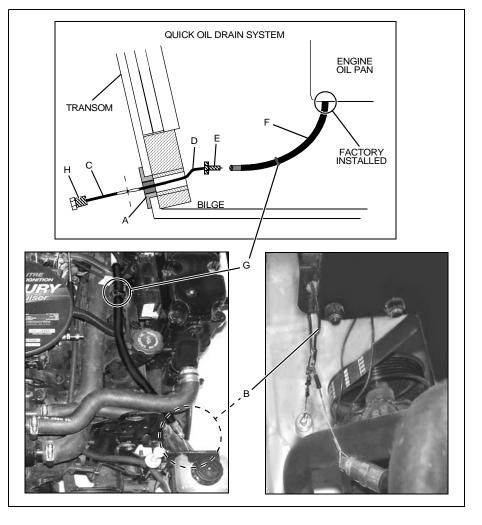
How to install the quick oil drain system:

- 1. Unscrew the factory installed garboard drain plug from the garboard drain (A). Keep the factory garboard drain plug on the boat as a spare.
- 2. Un-clip the quick oil drain assembly from the wire loop (B) on the engine.
- 3. Un-clip the draw cord section (C) from the draw cord section (D).
- 4. Thread the draw cord section (D), the oil drain plug (E), and the oil drain hose (F) through the garboard drain (A).
- 5. Adjust the hose stop clamp (G) so that no more than 12 inches of hose, including the oil drain plug, can extend out of the garboard drain (A).
- 6. Re-clip the draw cord section (C) to the draw cord section (D).
- 7. Push the oil drain hose, oil drain plug, and both sections of the draw cords through the garboard drain and into the bilge area.
- 8. Screw the oil drain garboard drain plug (H) into the garboard drain (A) and tighten firmly.

To drain the engine oil:

- 1. Remove the boat from the water.
- 2. Unscrew the garboard drain plug.
- 3. Pull the draw cord until the oil drain plug and the oil drain hose slide out of the garboard drain.
- 4. Place the end of the oil drain hose into a suitable container.
- 5. Unscrew the oil drain plug and drain the engine oil.
- 6. Replace the oil drain plug.
- 7. Push the drain hose back into the bilge.
- 8. Replace the garboard drain plug and tighten firmly.

Always dispose of waste oil in accordance with local regulations.



Chapter 5: Controls & Gauges

Steering

- This boat features a power assisted* rack-and-pinion steering system.
- For information about the 'power assist fluid reservoir', refer to the engine operation and maintenance manual.
- Boat steering is *not* self-centering.
- Refer to the engine manual for more steering system details.

Shift/Throttle Controls

WARNING!

LOSS OF CONTROL HAZARD!

Improper maintenance of shift/throttle hardware may cause a sudden loss of control!

- Read all of the information about the shift/throttle controls in the Sport Boat Owner's Manual.
- Also, read the shift/throttle controls manual and the engine manual.

Power Trim and Tilt

- The stern drive on your boat is equipped with power trim and tilt.
- Trim and tilt instructions are provided in the engine operation manual and the shifter/throttle manual.



^{*3.0}L engines feature mechanical rack-and-pinion steering.

Gauges

Cleaning Gauges

↑ CAUTION

PRODUCT or PROPERTY DAMAGE HAZARD!

- Use only mild soap and water to clean the gauge lenses and bezels.
- Use of other cleaners, including common window cleaning solutions, may cause the lenses to crack.
- Lenses cracked in this manner will *NOT* be covered by our warranty.

Gauge Fogging

- Moisture may occasionally find its way into the gauges causing lens fogging.
- Turning *On* the gauge lights will help dry the lenses.
- Fogging will *not* harm the gauges.

Radio Transmission Interference

VHF or other radio transmissions may cause brief erratic readings on the tachometer. This will *not* damage the tachometer gauge or affect its accuracy when not transmitting.

Fuel Gauge

It is normal for the pointer on your fuel gauge to bounce as fuel sloshes back and forth in the fuel tank.



Chapter 6: Plumbing

Bilge Pump

NOTICE

Discharge of oil, oil waste or fuel into navigable waters is prohibited by law. Violators are subject to legal action by the local authorities.

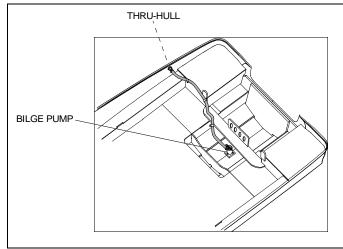
- Your boat is equipped with a bilge pump for pumping water out of the bilge.
- The bilge pump is controlled by a switch at the helm.

Bilge Pump Testing

- The bilge pump is vital to the safety of your boat.
- Test the bilge pump often to make sure it is working properly.

To test each bilge pump:

- Turn *On* the bilge pump switch at the helm.
- If there is water in the bilge and a pump motor is running, but *not* pumping, inspect the discharge hose for a kink or collapsed area.



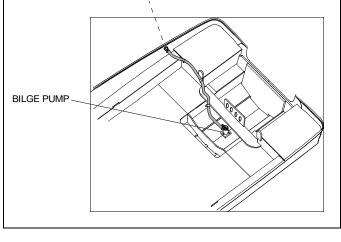
If the discharge hose looks okay, check the bilge pump housing for clogging debris.

Checking for clogging debris:

- Remove the pump motor from the housing:
 - a. Lift the tab while rotating the fins counter-clockwise.
 - b. Lift out the pump motor.
 - c. Clear the housing of debris.
- Reinstall the pump motor:
 - a. Make sure the "O" ring is properly seated.
 - b. Coat the "O" ring with a light film of vegetable or mineral oil.
 - c. Align the cams on either side of the pump motor with the slots on the housing.
 - d. Press the pump motor into the housing while twisting clockwise.
- Check the reinstallation by trying to twist the fins counter-clockwise without lifting the tab; the pump motor should stay in place.

FIN

TAB





PUMP MOTOR

HOUSING

"O" RING

Drain Systems

Deck Drains

- Water on the deck is drained overboard through the deck drains.
- Keep the deck drains free of debris.

Portable Toilet

NOTICE

Check with local authorities for regulations regarding the legal use of marine head systems.

Read the manufacturer's operating instructions *before* using the portable toilet.

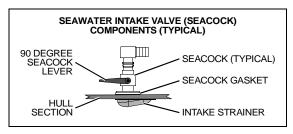
Seawater System (194 Only)

Seacock

↑ CAUTION

SYSTEM DAMAGE HAZARD!

- Before using the seawater intake system, make sure that the system's seacock is in the Open position before the system is started and keep the seacock Open until the system is shut Off.
- *Close* the seacock whenever the system will *not* be used for long periods of time.
- A seacock is a thru-hull valve, that may be opened to let in water.
- The seacock on the 194 is part of the livewell system.
- **Before** using the livewell, make sure that the seacock is **Open** and remains **Open** until the livewell is shut **Off**.





Livewell System (194 Only)

WARNING!

FLOODING & SWAMPING HAZARD!

- While the livewell system is running, *NEVER* leave the boat unattended for any length of time.
- Any leak or break in the system could allow large amounts of water to pump into the bilge, swamping the batteries and engine, or even sinking the boat.
- Close the intake seacock whenever the livewell system is not in use.

⚠ CAUTION

SYSTEM DAMAGE HAZARD!

Before using the livewell system, make sure that the intake seacock is in the Open position and keep the intake seacock Open until the system is shut Off.

Filling & Using the Livewell

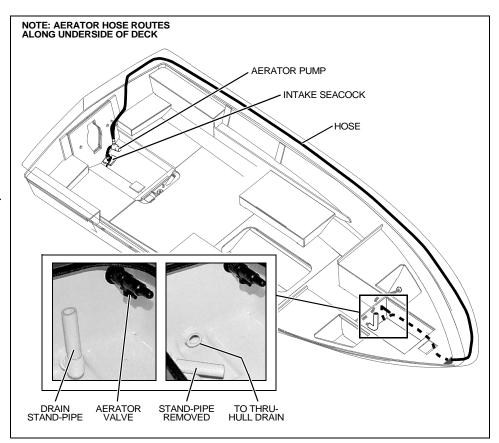
- 1. Insert the end of the drain stand-pipe into the drain fitting at the bottom of the tank.
- 2. *Open* the seawater intake seacock.
- 3. On the switch panel, turn *On* the livewell pump. See Locations section of this *Supplement* for the location of the livewell pump switch.

The tank should now be filling with water. If water is *not* pumping into the tank, possible causes are:

- A collapsed hose or clogging debris in the system.
- The seawater intake seacock is *Closed*.
- The livewell fuse is blown.

To Drain the Livewell

Drain the livewell by removing the stand-pipe.



Chapter 7: Deck Equipment

Cleats and Tow Eyes

A WARNING!

PERSONAL INJURY and /or PRODUCT or PROPERTY DAMAGE HAZARD!

NEVER lift the boat using the bow and stern eyes or the cleats.

Read the section on towing in the *Sport Boat Owner's Manual before*:

- Towing anything behind the boat.
- Being towed by another vessel.

Pre-rigging For Bow Mount Trolling Motor (194 Only)

- The 194 is pre-wired for a bow mount trolling motor, including a push-to-reset circuit breaker (For the location of this circuit breaker, see the Component Locations section of Chapter 3 in this *Supplement*).
- The forward deck has a reinforced area to support a trolling motor bracket.
- The trolling motor system can be used safely with either a 12-volt or a 24-volt motor.
- Contact your selling dealer for a list of compatible equipment and installation instructions.

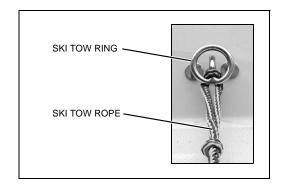
Ski Tow Ring

▲ WARNING!

PERSONAL INJURY and /or PRODUCT or PROPERTY DAMAGE HAZARD!

Failure to follow these guidelines can result in injury or death:

- Only tow water skis, wakeboards, or recreational towables.
- Do NOT tow parasails, kites, or other boats.
- Do *NOT* tow more than two persons at one time.
- Use caution with skier in tow as tow rope may snap back into cockpit when released.
- Attach tow rope as shown in the photo.
- Read the pamphlet, "Waterski Safety Guidelines."





Canvas (If Equipped)

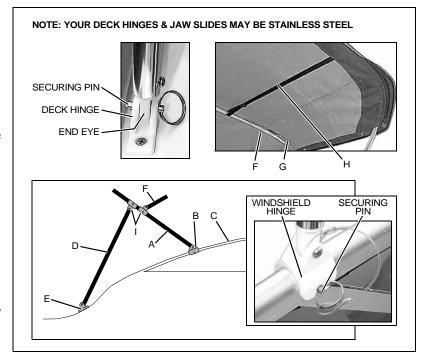
↑ CAUTION

PRODUCT or PROPERTY DAMAGE HAZARD!

Take down and securely stow ALL canvas before transporting your boat by road.

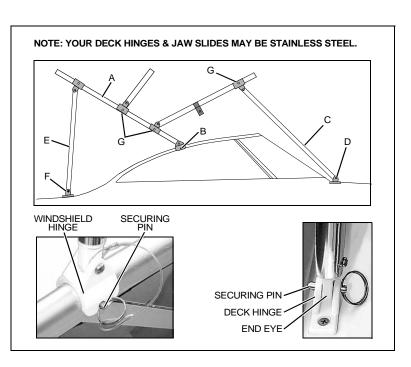
192 & 195 Convertible Top (If Equipped)

- 1. Slide the windshield hinges of the main bow (A) over the pre-drilled holes (B) in the side windshield frames and insert the securing pins
- 2. Unfold the canvas top and snap the front edge of the top to the top of the windshield frame (C).
- 3. Insert the end eyes of the aft braces (D) into the aft deck hinges (E) and insert the securing pins.
- 4. Align the secondary bow (F) with the center seam (G) of the canvas by loosening or tightening the top straps (H).
- The jaw slides (I) should not need to be adjusted.
- If you decide to adjust the jaw slide positions, obtain the correct measurements from your selling dealer.
- If other canvas (i.e. side curtains or slant back cover) is installed, the canvas top may need adjustment to align the snaps on the canvas with the snaps on the boat.



195 Bimini Top (If Equipped)

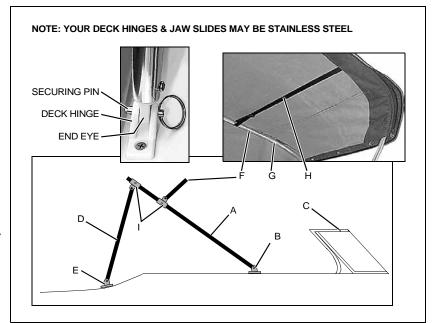
- 1. Slide the windshield hinges of the main bow (A) over the pre-drilled holes (B) in the side windshield frames and insert the securing pins.
- 2. Unfold the canvas and insert the end eyes of the forward braces (C) into the forward deck hinges (D) and insert the securing pins.
- 3. Insert the end eyes of the aft braces (E) into the aft deck hinges (F) and insert the securing pins.
- The jaw slides (G) should not need to be adjusted.
- If you decide to adjust the jaw slide positions, obtain the correct measurements from your selling dealer.





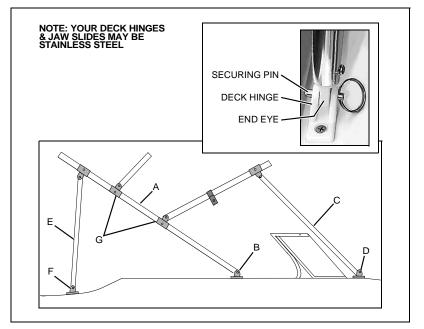
194 Convertible Top (If Equipped)

- 1. Insert the end eyes of the main bow (A) into the forward deck hinges (B) and insert the securing pins.
- 2. Unfold the canvas top and snap the front edge of the top to the top of the windshield frame (C).
- 3. Insert the end eyes of the aft braces (D) into the aft deck hinges (E) and insert the securing pins.
- 4. Align the secondary bow (F) with the center seam (G) of the canvas by loosening or tightening the top straps (H).
- The jaw slides (I) should not need to be adjusted.
- If you decide to adjust the jaw slide positions, obtain the correct measurements from your selling dealer.
- If other canvas (i.e. side curtains or slant back cover) is installed, the canvas top may need adjustment to align the snaps on the canvas with the snaps on the boat.



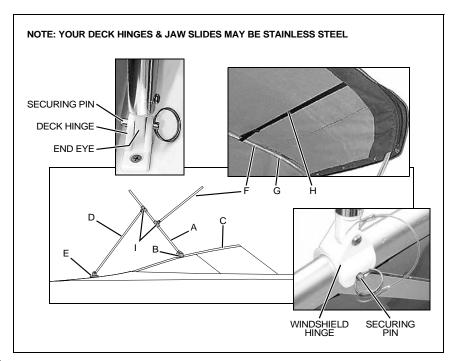
194 Bimini Top (IF Equipped)

- 1. Insert the end eyes of the main bow (A) into the middle deck hinges (B) and insert the securing pins.
- 2. Unfold the canvas and insert the end eyes of the forward braces (C) into the forward deck hinges (D) and insert the securing pins.
- 3. Insert the end eyes of the aft braces (E) into the aft deck hinges (F) and insert the securing pins.
- The jaw slides (G) should not need to be adjusted.
- If you decide to adjust the jaw slide positions, obtain the correct measurements from your selling dealer.



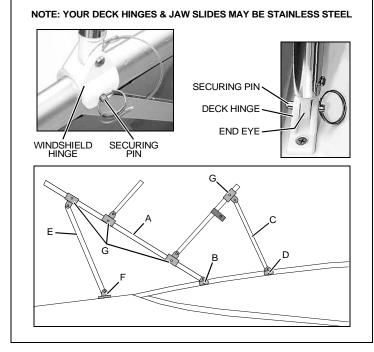
210 & 215 Convertible Top

- 1. Slide the windshield hinges of the main bow (A) over the pre-drilled holes (B) in the side windshield frames and insert the securing pins.
- 2. Unfold the canvas top and snap the front edge of the top to the windshield frame (C).
- 3. Insert the end eyes of the aft braces (D) into the deck hinges (E) and insert the securing pins.
- 4. Align the secondary bow (F) with the center seam (G) of the canvas by loosening or tightening the top straps (H).
- The jaw slides (I) should not need to be adjusted.
- If you decide to adjust the jaw slide positions, obtain the correct measurements from your selling dealer.
- If other canvas (i.e. side curtains or slant back cover) is installed, the canvas top may need adjustment to align the snaps on the canvas with the snaps on the boat.



215 Bimini Top (If Equipped)

- 1. Slide the windshield hinges of the main bow (A) over the aft pre-drilled holes (B) in the side windshield frames and insert the securing pins.
- 2. Unfold the canvas and slide the windshield hinges of the forward braces (C) over the forward pre-drilled holes (D) in the side windshield frames and insert the securing pins.
- 3. Insert the end eyes of the aft braces (E) into the aft deck hinges (F) and insert the securing pins.
- The jaw slides (G) should not need to be adjusted.
- If you decide to adjust the jaw slide positions, obtain the correct measurements from your selling dealer.





Canvas Care (see also, 'Clear Vinyl Care' on next page)

- After each use, especially in saltwater, rinse the canvas with cold freshwater.
- **Before** stowing, let the canvas air dry completely.
- The canvas can be rolled or folded for stowage.

Cleaning Canvas



Never use detergents when washing the canvas. Detergents can destroy the water repellency, and mildew/UV resistant finish of your canvas.

Regularly clean the canvas to prevent dirt, pollen, and etc. from embedding in the fabric. Generally, it is easiest to wash the canvas while it is installed on the boat.

- Use a soft-bristled brush to remove all dust and loose dirt.
- 1. Hose down the canvas with freshwater.
- 2. Gently wash the canvas with a solution of lukewarm water (no more than 100 F) and non-detergent soap, such as Lux or Ivory Flakes.
- 3. Rinse thoroughly to remove the soap.
- 4. **Before** stowing, let the canvas dry completely.

Stubborn Stains

- Soaking in bleach solutions may remove the waterproof finish of the fabric and may also decrease the life of the polyester thread used in the canvas.
- If necessary, a water repellent treatment should be re-applied to your canvas. Ask your dealer about the treatments available for your boat's canvas.

Some stubborn stains may resist normal washing and you can try the following methods. However, these methods may remove the waterproof finish of the fabric and may also decrease the life of the polyester thread used in the canvas. Reapply a water repellent treatment as necessary.

Method 1

- 1. Add 1/8 cup (2 oz.) of **non-chlorine** bleach to one gallon of water and mix thoroughly.
- 2. Thoroughly wet the canvas and then gently scrub the stained area with the weak bleach solution.
- 3. Rinse with cold water to remove all of the solution.

Method 2

- 1. Add 1/2 cup (4 oz.) of **non-chlorine** bleach and 1/2 cup (4 oz.) Ivory Flakes to one gallon of water and mix thoroughly.
- 2. Soak the canvas in this solution for about 20 minutes.
- 3. Rinse with cold water to remove all of the solution.



Clear Vinyl Care

♠ CAUTION

- NEVER store the clear vinyl pieces wet, as this will cause a milky film to develop.
- NEVER fold or crease the clear vinyl pieces as cracking will occur.
- Clear vinyl is *not* intended for use when the boat is in storage or being moored.
- Clear vinyl does not hold up well against ultraviolet rays.
- Under direct sunlight conditions, do *NOT* let the clear vinyl touch the framework. The framework radiates heat and can burn the clear vinyl.
- After each use, especially in saltwater, rinse the clear vinyl with cold freshwater.
- *Before* stowing, the clear vinyl must be completely dry. Air drying is best, but you can also carefully dry the vinyl with a chamois or soft cotton cloth.
- The clear vinyl can be rolled or laid out flat for stowage.
- *Never* fold or crease the clear vinyl parts as cracking will occur.

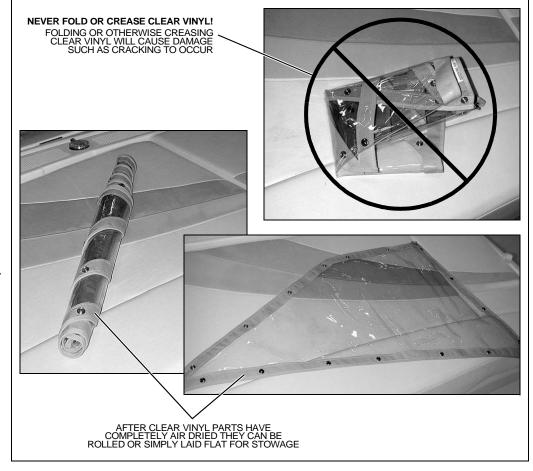
Cleaning Clear Vinyl

Regularly clean the clear vinyl to prevent dirt, pollen, and etc. from marring the surface. Generally, it is easiest to clean the clear vinyl while it is installed on the boat.

- 1. Hose down the clear vinyl with freshwater.
- 2. Using a soft cotton cloth (paper towels are abrasive and should never be used on clear vinyl), gently wash the clear vinyl with soap and water.
- 3. Rinse thoroughly to remove the soap.
- 4. **Before** stowing, the clear vinyl must be completely dry. Air

drying is best, but you can also carefully dry the vinyl with a chamois or soft cotton cloth.

Ask your dealer about products available to keep the clear vinyl polished and looking new.





Chapter 8: Entertainment System

Audio System

NOTICE

AM radio reception may be impaired anytime the engine is running.

Read the audio system instructions *before* using the system.



Chapter 9: Convertible Seats, Beds, & Tables

Sleeper Seats

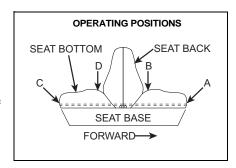
- The sleeper seats can be adjusted fore and aft in the upright, operating position.
- The seat bottoms adjust into backrests when the seats are in the lounge position.

Operating Positions

To slide the seat forward:

- 1. Lift the forward seat at point (A).
- 2. Push down on the forward seat at point (B) and pull the seat forward.
- 3. Lock the forward seat into the desired position by pushing down at point (A).
- 4. Lift the aft seat at point (C).
- 5. Push down on the aft seat at point (D) and push the seat forward until the aft seat back is flush against the forward seat back.
- 6. Lock the aft seat into position by pushing down at point (C).

To slide the seat aft, repeat the steps above, but start with the aft seat.



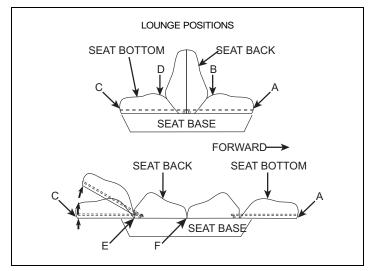
Lounge positions

To adjust into the flat lounge position:

- 1. Lift the forward seat at point (A).
- 2. Push down on the forward seat at point (B) and pull the seat forward until the seat back and bottom are flat.
- 3. Lift the aft seat at point (C).
- 4. Push down on the aft seat at point (D) and pull the seat aft until the seat back and bottom are flat.

To adjust into the chaise lounge position:

- 1. Lift up on the forward or aft seat bottom at point (A or C) and push the seat bottom down into the locked position.
- 2. To lower the seat bottom, lift the seat at point (A or C). Drop the seat bottom flat while holding the seat down at point (E).



To return the seats to the operating position:

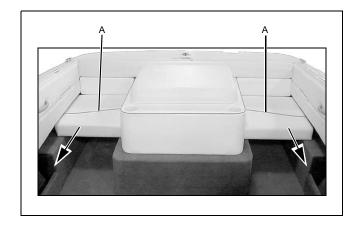
- 1. Lift the seat backs at point (F) and push down on the back edge of the seat bottom (B) and then seat bottom (D).
- 2. Push the seat bottoms towards the center of the seat until the seat backs are flush against each other and locked into place.



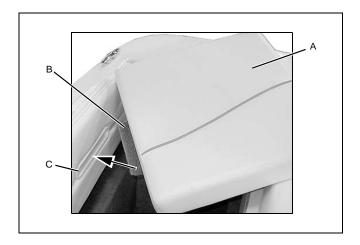
Jump Seat To Sunlounge Conversion

PERSONAL SAFETY HAZARD! NEVER allow anyone to occupy the aft sunlounge cushions when the engine is running.

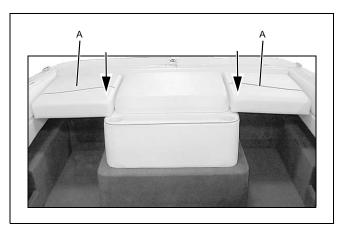
1. Remove the jump seats (A) by sliding them forward.



2. Slide the lounge support inserts (B) into the lounge support slots (C).



3. Press down firmly on the inboard side of each jump seat (A) until they rest firmly on the motorbox ledges.



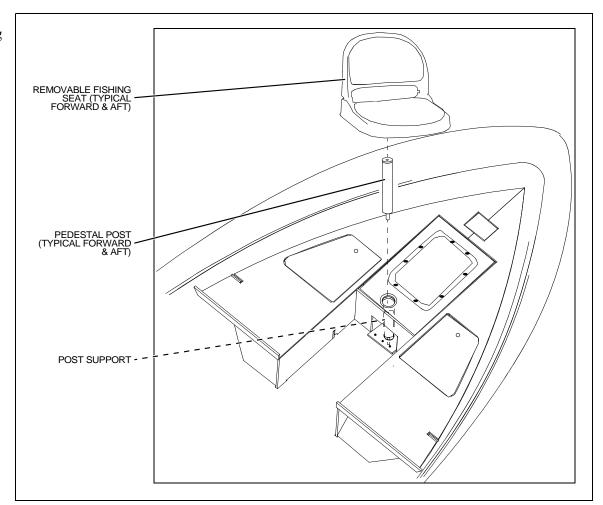
Removable Fishing Seat (194 Only)

A DANGER!

FALLING and ROTATING PROPELLER HAZARD!

- NEVER allow anyone to ride on parts of the boat not designed for such use.
- Sitting on seat backs, lounging on the forward deck, bow riding, gunwale riding or occupying the transom platform while underway is especially hazardous and *will* cause personal injury or death.

Remove and stow the fishing seat in a safe and secure area *before* getting underway or trailering your boat.



Chapter 10: Lights

Care and Maintenance

All of the lights installed on your boat are of top quality, but you should be aware that failure may periodically occur for a variety of reasons:

- 1. There may be a blown fuse replace the fuse.
- 2. The bulb may be burned out *carry spare bulbs for replacement*.
- 3. A wire may be damaged or may have come loose repair as required.
- 4. The bulb base may be corroded clean the base and coat it with non-conductive electrical lubricant.

Interior & Exterior Lights

! CAUTION!

- Be conservative in the use of battery power.
- Prolonged use of cabin interior lights (overnight) will result in a drained battery.

The lights are powered by the boat's 12-volt DC system.

Navigation Lights

⚠ CAUTION!

Avoid the storage of gear where it would block navigation lights from view.

Read the navigation light section in the Sport Boat Owner's Manual.



Chapter 11: Electrical System

A DANGER!



EXTREME FIRE, SHOCK & EXPLOSION HAZARD!

- To minimize the risks of fire and explosion, *NEVER* install knife switches or other arcing devices in the fuel compartments.
- NEVER substitute automotive parts for marine parts. Electrical, ignition and fuel system parts were designed and manufactured to comply with rules and regulations that minimize risks of fire and explosion.
- Do NOT modify the electrical systems or relevant drawings.
- Have qualified personnel install batteries and/or perform electrical system maintenance.

A WARNING!



FIRE & EXPLOSION HAZARD!

- Fuel fumes are heavier than air and will collect in the bilge areas where they can be accidently ignited.
- Visually and by smell (sniff test), check the engine and fuel compartments for fumes or accumulation of fuel.
- ALWAYS run the bilge blower(s) for at least four minutes prior to engine starting, electrical system maintenance or activation of electrical devices.
- NEVER expose the batteries to open flame or sparks, and NEVER smoke anywhere near the batteries.

↑ CAUTION



SHOCK & ELECTRICAL SYSTEM DAMAGE HAZARD!

When the engine is running, *NEVER* disconnect the battery cables. Doing so could cause damage to your boat's engine and/or electrical system.

NOTICE

Electrical connections are prone to corrosion. To reduce corrosion caused electrical problems, keep *all* electrical connections clean and apply a spray-on protectant that is designed to protect connections from corrosion.



12-Volt DC System

Battery

The battery supplies electricity for lights, 12-Volt accessories, and engine and starting.

The Electrical section of Chapter 8, in the *Sport Boat Owner's Manual*, provides battery care and maintenance instructions.

Fuses and Circuit Breakers

- Fuses for the engine and main accessory power are on the fuse block (see the *Locations* section of this *Supplement* for the location of the fuse block).
- Some equipment may have secondary fuse protection at the unit, or at the battery.

12-Volt Accessory Outlet



Do NOT use the 12-volt accessory outlet with a cigarette or cigar lighter. High temperatures may melt the outlet.

- The 12-volt accessory outlet can be used with any 12-volt device which draws 10-amps or less.
- The 12-volt accessory outlet is protected by a 10-amp fuse on the fuse block.

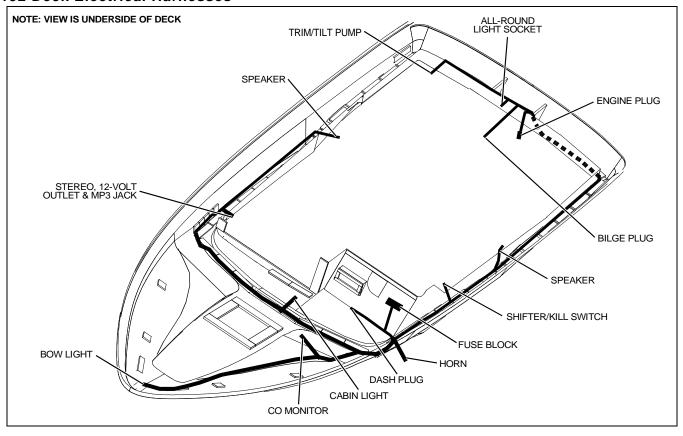
Alternator

The alternator will keep the battery properly charged when the engine is running at, or above, cruising speeds.

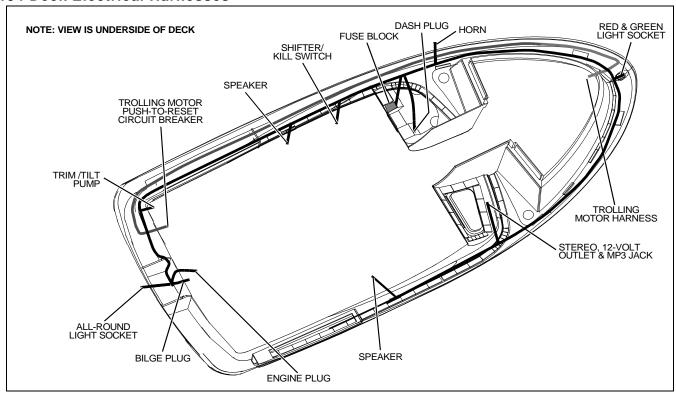


Electrical Routings

192 Deck Electrical Harnesses

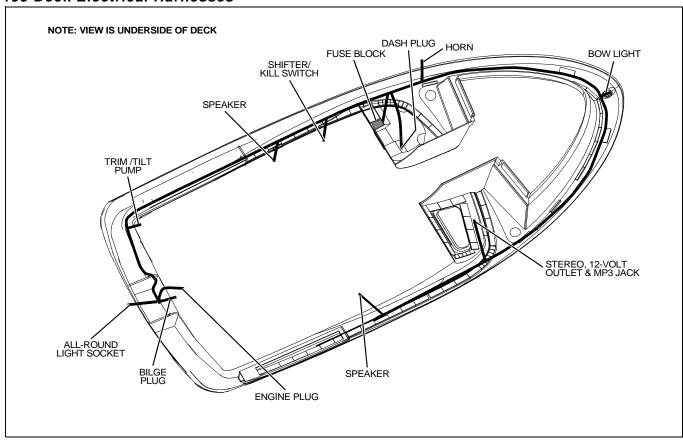


194 Deck Electrical Harnesses

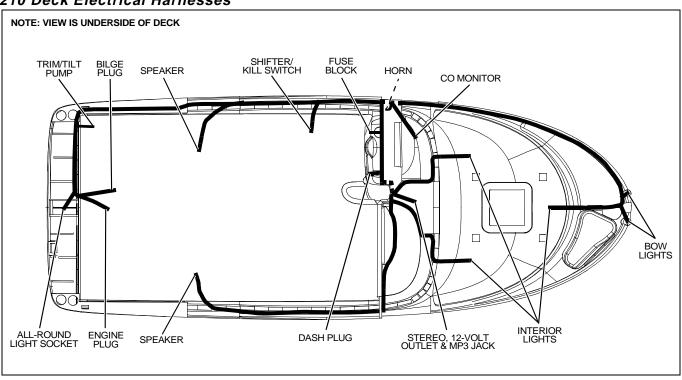




195 Deck Electrical Harnesses

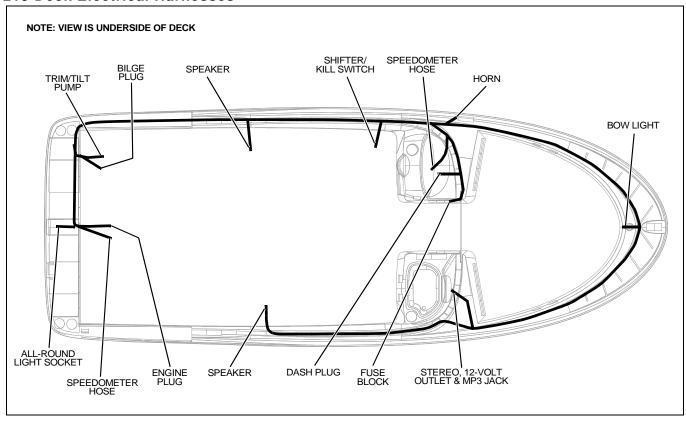


210 Deck Electrical Harnesses

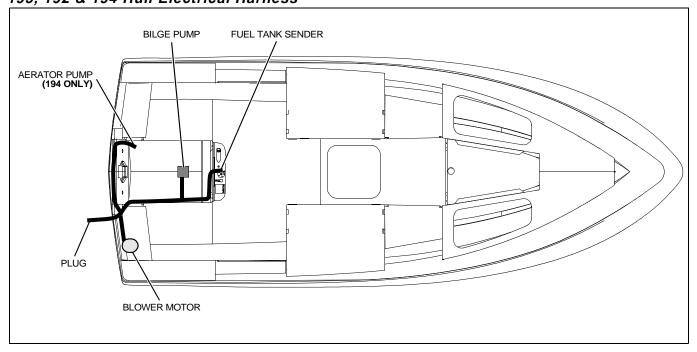




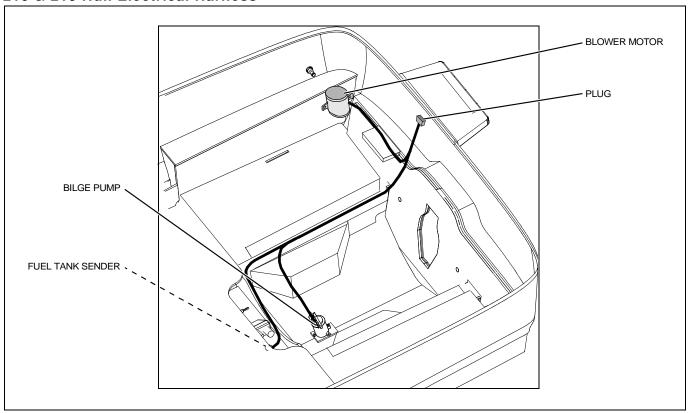
215 Deck Electrical Harnesses



195, 192 & 194 Hull Electrical Harness

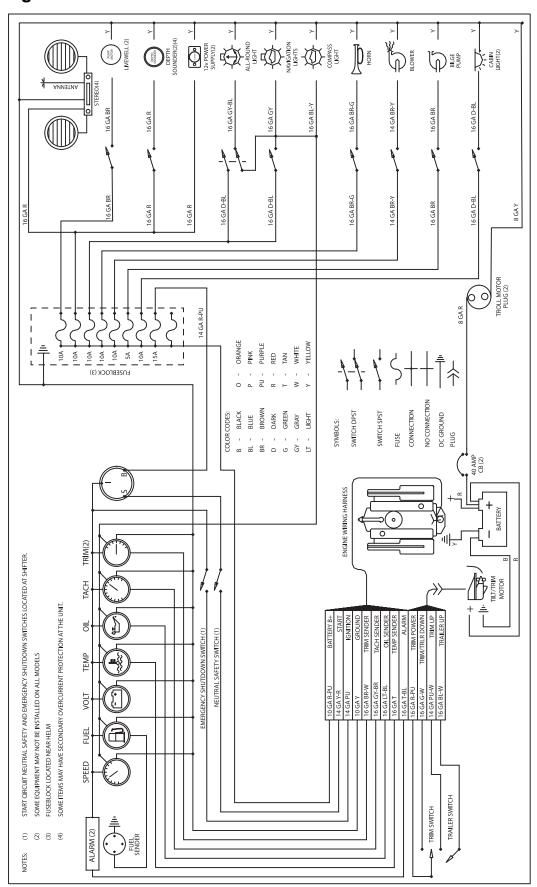


210 & 215 Hull Electrical Harness





Wiring Diagram



Important Records

Selling Dealer		Key Numbers		
	Name Of Dealership		Ignition	Other
	Address			
	Phone/FAX/E-mail		Electronics	
	Phone/FAX/E-mail			
	Sales Manager		Manufacturer	Model Name/Number
	Service Manager		Seria	al Number
Engine			Manufacturer	Model Name/Number
3			Seria	al Number
Manufacture	er Mod	el Name/Number		
	Engine Serial Number		Manufacturer	Model Name/Number
Oil Type/SAE	Quarts per Engine	Filter Type	Seria	al Number
Propeller			Manufacturer	Model Name/Number
Manufacture	er	Pitch	Seria	al Number
	Model Number			



Float Plan

Before going boating, fill out a copy of this float plan (or similar) and leave it with a *reliable* person whom you can depend on to contact the Coast Guard or other rescue organization, if you do not return as scheduled.

Registration/Documentation Number		Persons on Board			
		Full Name			
Length	Make	Туре	Age	Health	Phone Number
Hull Color		Trim Color			
				Full Name	
Fuel Capacity	Engine Type	Number of Engines			
	5 ,.	•	Age	Health	Phone Number
	Distinguishing Features				
				Full Name	
	Distinguishing Features				
			Age	Health	Phone Number
Operator of	Boat				
oporator or	Dout			Full Name	
	Full Name	<u> </u>			
			Age	Health	Phone Number
Male or Female	Age	Health			
			-	Full Name	
	Address				
			Age	Health	Phone Number
	Address				
	Phone/FAX/E-mail			Full Name	
	Operator's Experience		Age	Health	Phone Number



Survival Equipment

Marine Radio (Yes/No)	Туре	Frequencies	Departi	ng From
Number of PFDs	Flares (Yes/No)	Mirror (yes or no)	Departure Date	Departure Time
Smoke Signals (Yes/No)	Flashlight (Yes/No)	Food (Yes/No)		
- '	- '		Stope	over 1
Water (Yes/No)	Anchor (Yes/No)	Raft/Dinghy (Yes/No)	Arrive No Later Than: Date	Arrive No Later Than: Time
Paddles (Yes/No)	EPIRB (Yes/No)	Other		
Other	Other	Other	Stope	over 2
			Arrive No Later Than: Date	Arrive No Later Than: Time
Vehicle Desc	cription			
			Stope	over 3
Make		Model	Arrive No Later Than: Date	Arrive No Later Than: Time
Color		License Number		
W	/here is the Vehicle Parked	1?	Stope	over 4
			Arrive No Later Than: Date	Arrive No Later Than: Time
			Stope	over 5
			Arrive No Later Than: Date	Arrive No Later Than: Time
			Stope	over 6
			Arrive No Later Than: Date	Arrive No Later Than: Time
			Final Destination Port (If	Different Than Home Port)
			Arrive No Later Than: Date	Arrive No Later Than: Time
			If not returned by the date the Coast Guard or other	and time listed above, cal local authority.
			Coast Guard I	Phone Number
			Local Authority	Phone Number

Trip Expectations



Owner's Notes





Part Number 1787912