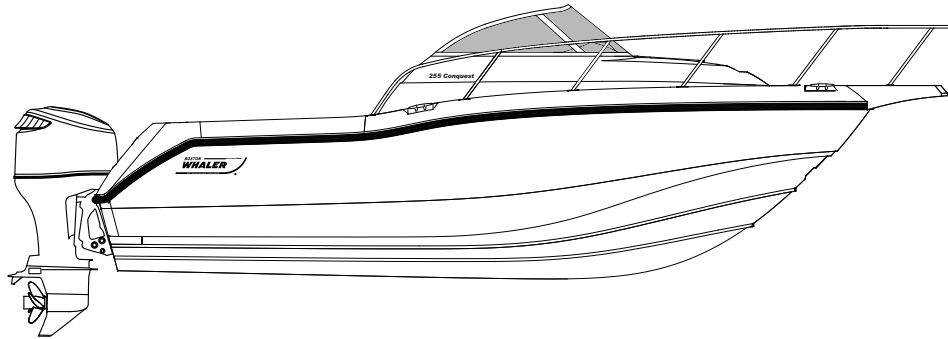


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# ***255 Conquest***



**“The mission of Boston Whaler®  
is to provide consumers with the  
safest, highest quality, most durable  
boats in the world”**



Welcome to the Boston Whaler family! Congratulations on your purchase of a Boston Whaler boat.

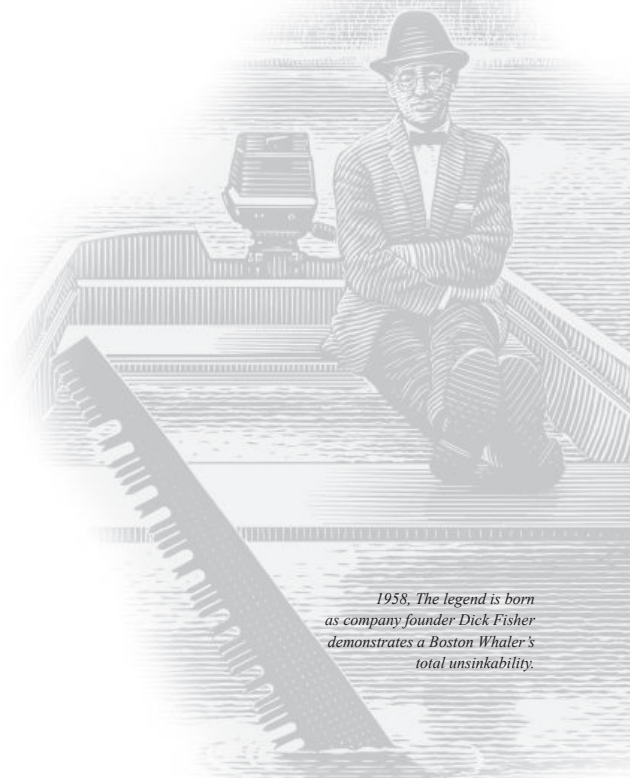
For over 50 years now, Boston Whaler has been represented by a select group of the best dealers in the boating industry. Boston Whaler depends on this extremely qualified network of dealers to provide you, our customer, with a truly exceptional boating experience.

Should you have any questions or concerns regarding your boat, please don't hesitate to contact your selling dealer. They will be more than happy to provide you with all the information and assistance that you require.

Information and assistance is also available at our corporate website, [www.bostonwhaler.com](http://www.bostonwhaler.com). On our website you will find information on our entire lineup of Unsinkable Legends, as well as a collection of customer resources including parts diagrams, maintenance tips and frequently asked questions. In addition, you can sign up to receive future issues of Boston Whaler's lifestyle magazine, *Whaler*.

Since Boston Whaler's inception in 1958, we have been committed to providing customers with the safest, highest quality, most durable boats in the world. I am confident that you, as a Whaler owner, will also appreciate the quality and pride that is built into every Boston Whaler boat.

From all of us here at Whaler, thank you for purchasing one of our boats. May it bring you many years of boating enjoyment.



*1958. The legend is born  
as company founder Dick Fisher  
demonstrates a Boston Whaler's  
total unsinkability.*

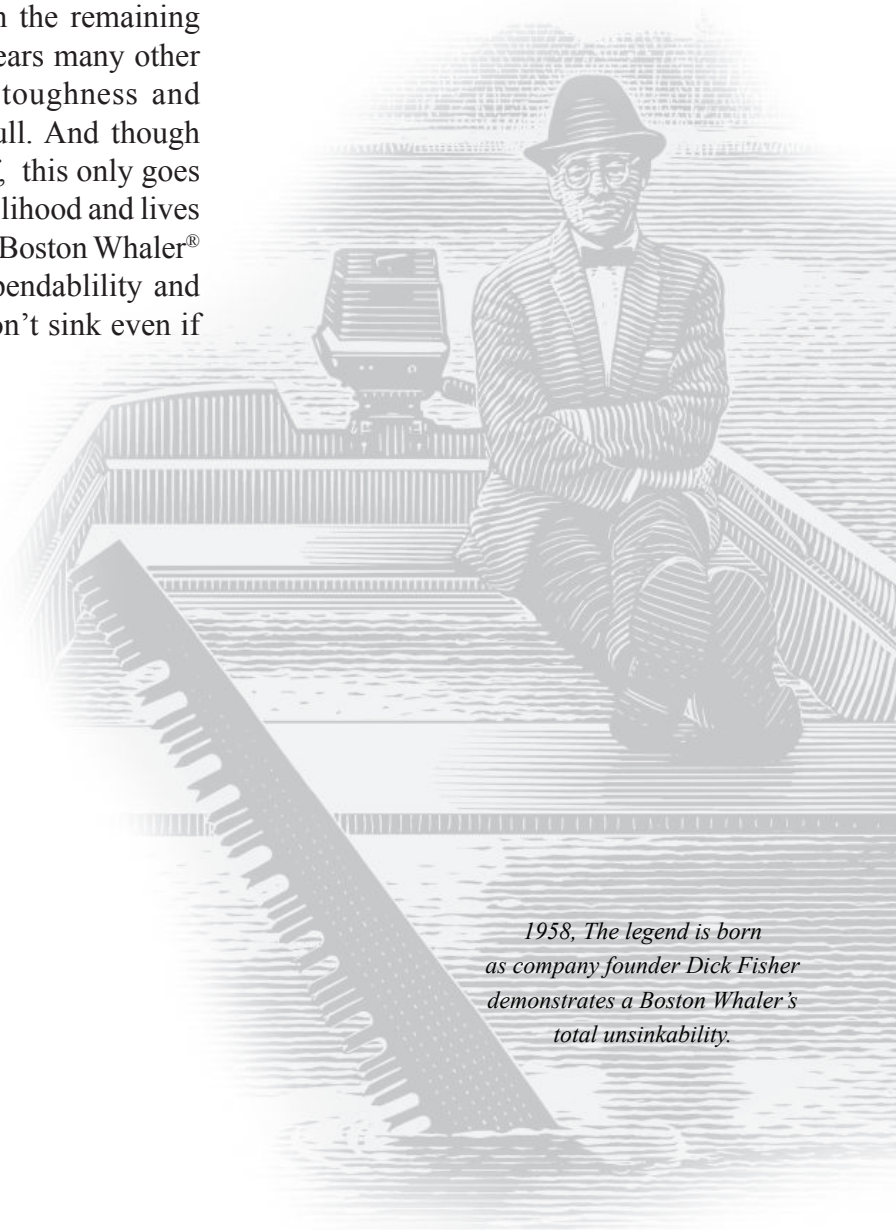
## HISTORY

In 1958, company founder Richard T. Fisher introduced the first Boston Whaler® boat in Braintree, Massachusetts. It featured two significant innovations: first, its twin sponson hull design produced superior stability and a remarkably dry ride; second, its unique foam core construction made the boat not only durable, but unsinkable as well.

Fisher took every opportunity to illustrate the unique characteristics of the Boston Whaler®. His most famous demonstration was captured in 1961, by *Life Magazine*. The series of photographs showed the boat underway, the boat being sawed in half and ultimately Fisher motoring away in the remaining half of the boat. And through the years many other demonstrations have proved the toughness and durability of the Boston Whaler hull. And though you may never cut your boat in half, this only goes to show one thing, people whose livelihood and lives depend on boats consistently choose Boston Whaler® because of their seaworthiness, dependability and the inherent safety of a hull that won't sink even if severely damaged.

Boston Whalers are built to last. For 50 years Boston Whaler® has strived to make each model better, providing you with a safe and fun boating experience. That is the reason we offer a 10 year limited transferable warranty. It is also an excellent reason why you can trust the safety of your family and friends to a Boston Whaler®.

On September 26, 1996, Richard T. Fisher was posthumously inducted into the NMMA (National Marine Manufacturer's Association) Hall of Fame for accomplishments made in marine engineering and construction.



*1958, The legend is born  
as company founder Dick Fisher  
demonstrates a Boston Whaler's  
total unsinkability.*

**PLEASE KEEP THIS OWNER'S MANUAL PACKET IN A SECURE PLACE, AND BE SURE  
TO HAND IT OVER TO THE NEW OWNER IF YOU SELL THE BOAT.**

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## Attachments

Commissioning Checklist  
Product Registration Card

## PREFACE

This Owner's Manual has been written to provide specific information about your boat and it should be read carefully. Keep this booklet with the Manuals in the Owner's Manual Packet. The Owner's Manual Packet has been compiled to help you operate your boat with safety and pleasure. It contains details of the boat, the equipment supplied or fitted, its systems and information on its operation and maintenance. Please familiarize yourself with the boat and its operation before using it. If this is your first boat, or you are changing to a type of boat you are not familiar with, for your own comfort and safety, please ensure that you obtain handling and operating experience before "assuming command" of your boat. Your Boston Whaler® dealer or local Yacht Club will be pleased to advise you of marine safety classes and safe boating classes in your area.

INFORMATION IN THIS PUBLICATION IS BASED ON THE LATEST PRODUCT SPECIFICATIONS AVAILABLE AT PRINTING, BOSTON WHALER® 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 OR MODIFICATIONS TO THE MODELS BE MADE BOSTON WHALER® IS NOT OBLIGATED TO MAKE SIMILAR CHANGES OR MODIFICATIONS TO MODELS SOLD PRIOR TO THE DATE OF SUCH CHANGES.

**BOSTON WHALER • A BRUNSWICK COMPANY**  
**MRP #2068691**

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**255 CONQUEST**

July, 2011

Revised September, 2011

THE FOLLOWING ARE REGISTERED TRADEMARKS OF THE BRUNSWICK CORPORATION:

CONQUEST, BOSTON WHALER®.



Specifications and standard equipment are subject to change. Boston Whaler is not responsible for changes to parts or accessories manufactured by companies other than Boston Whaler. Active Deck Suspension System, Boston Whaler, Whaler, the Boston Whaler logo, Conquest, Dauntless, Montauk, and Outrage are registered trademarks of Boston Whaler, Incorporated. Accutrack, Unibond, The Unsinkable Legend, Ventura, and Whaleboard are trademarks of Boston Whaler, Incorporated. Mercury and Optimax are registered trademarks of Mercury Marine, and SmartCraft and Verado are trademarks of Mercury Marine. Trademarks of others are the property of their respective owners. All mercury engine information provided by Mercury Marine, June 2007. Information contained within this publication is believed to be correct at the time of printing.

## Boston Whaler Limited Warranty

Boston Whaler, Inc. ("Boston Whaler") provides the following Limited Warranty to the original retail owner of its 2012 model year boats, if purchased from an authorized Boston Whaler Dealer and operated under normal, non-commercial use ("Boat"), subject to the remedies, exclusions, and limitations set out below.

1. **Ten-Year Pro-Rated Structural Hull Limited Warranty:** Any Structural Hull Defect in material or workmanship which is reported within ten (10) years from the date of sale to the original purchaser will be repaired or replaced at Boston Whaler's sole discretion based on the following depreciation schedule. The "Hull" shall mean the single fiberglass molded shell and integral structural components. A Structural Hull Defect shall mean a substantial defect in the Boat's Hull which causes the boat to be unfit or unsafe for general use as a pleasure craft under normal operating conditions

| Year               | 1    | 2    | 3    | 4    | 5    | 6   | 7   | 8   | 9   | 10  |
|--------------------|------|------|------|------|------|-----|-----|-----|-----|-----|
| Boston Whaler Pays | 100% | 100% | 100% | 100% | 100% | 90% | 70% | 50% | 30% | 10% |
| You Pay            | 0%   | 0%   | 0%   | 0%   | 0%   | 10% | 30% | 50% | 70% | 90% |

2. **Three-Year Limited Warranty on Components Manufactured or Installed By Boston Whaler:** Boston Whaler will repair or replace, at its sole discretion, any components manufactured or installed by Boston Whaler that are defective in factory materials and/or workmanship, which are reported within three years from the date of sale to the original purchaser, and are not addressed in the specific warranties listed in paragraph 1 or 3 or set out in the Exclusions paragraph below.

3. **One-Year Limited Warranty on Upholstered Items, Canvas, Teak, and Powder Coating:** Boston Whaler will repair or replace, at its sole discretion, any upholstered items, canvas, teak, and powder coating manufactured or installed by Boston Whaler that are defective in factory materials and/or workmanship and are reported within one year from the date of sale to the original purchaser.

### EXCLUSIONS

This limited warranty does not apply to any boat which has been salvaged or declared a total loss or constructive total loss for any reason not covered in this limited warranty. This warranty also does not apply to the following items:

- (1) Expenses for hauling out, transportation to and from the dealer or the Boston Whaler factory for warranty service.
- (2) Equipment or accessories which are not installed by Boston Whaler or which carry their own individual warranties, including but not limited to engines, engine components, batteries, propellers, controls, steering mechanisms, and electronics.
- (3) Damage or deterioration of cosmetic surface finishes, including discoloration, chalking, cracking, crazing, fading or oxidation of gel coat, stress lines, plated or painted metal and stainless steel finishes, plastics or acrylic materials, or anti-fouling bottom paint.
- (4) Windshield breakage and leakage.
- (5) Any Boston Whaler boat initially sold at retail by a party other than an authorized Boston Whaler dealer.
- (6) Damage resulting from abuse, misuse, improper rigging and installation by an owner or any other person or entity not being an authorized dealer, accidents, overloading or powering in excess of the recommended maximum horsepower.
- (7) Failure of the owner to use, maintain, or store the boat as specified in the Boston Whaler owner's manual; and any other failure to provide reasonable care and maintenance. Normal wear and tear maintenance items are excluded from warranty coverage including but not limited to filters, bulbs, batteries, bungees, anchor rope, trailer finishes, tires, brakes, bearings and lights.

(8) Any Boston Whaler boat which has been altered or modified from Boston Whaler factory specifications, including penetration of the hull by anyone other than Boston Whaler factory personnel or Boston Whaler authorized dealer service personnel following factory specified procedures.

(9) Use of improper trailer, incorrect bunks or bunks placement and improper boat lift or sling.

(10) Any Boston Whaler boat used for commercial, which includes but is not limited to any for-profit uses, or other revenue-generating purposes.

(11) Any representation or implication relating to speed, range, fuel consumption or estimated performance characteristics.

(12) Any failure or defect caused by an act of nature resulting in damage, cost, or expense;

(13) Any failure or defect arising from a previous repair made by a non-authorized service provider.

(14) Any item exceeding the expressed coverage limits specified in any Boston Whaler Limited Warranty.

(15) Any defect or repair requiring redesign of the Boat, except pursuant to the recall provisions of the United States Federal Boat Safety Act of 1971 or the recall laws of any other foreign jurisdiction.

#### **SOLE REMEDY**

THE REMEDY OF REPAIR OR REPLACEMENT OF PARTS OR MATERIALS THAT ARE FOUND TO BE DEFECTIVE IN FACTORY MATERIALS OR WORKMANSHIP COVERED BY THIS LIMITED WARRANTY SHALL CONSTITUTE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST BOSTON WHALER FOR ANY CLAIMS WHATSOEVER OF ECONOMIC LOSS RESULTING FROM PRODUCT FAILURE. In keeping with environmental policies and practices, Boston Whaler reserves the right to utilize reconditioned, refurbished, repaired or remanufactured products or parts in the warranty repair or replacement process. Such products and parts will be comparable in function and performance to an original product or part and warranted for the remainder of the original warranty period. In no event shall any repair or replacement under this Limited Warranty exceed the fair market value of the product as of the date of the owner's claim. Acceptance of any product returned or any refund provided by Boston Whaler shall not be deemed an admission that the product is defective. Products that are replaced become the property of Boston Whaler.

#### **OTHER LIMITATIONS**

EXCEPT AS SET FORTH HEREIN, THERE ARE NO OTHER WARRANTIES EITHER EXPRESS OR IMPLIED PROVIDED BY BOSTON WHALER ON THIS BOAT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY, ARE EXPRESSLY EXCLUDED. BOSTON WHALER FURTHER DISCLAIMS ANY LIABILITY FOR ECONOMIC LOSS ARISING FROM CLAIMS OF PRODUCT FAILURE, NEGLIGENCE, DEFECTIVE DESIGN, MANUFACTURING DEFECT, FAILURE TO WARN AND/OR INSTRUCT, LACK OF SEAWORTHINESS, AND ANY OTHER THEORY OF LIABILITY NOT EXPRESSLY COVERED UNDER THE TERMS OF THIS LIMITED WARRANTY.

ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS DISCLAIMED. TO THE EXTENT THE IMPLIED WARRANTY CANNOT BE DISCLAIMED, IT IS LIMITED TO THE SHORTER OF ONE YEAR FROM THE DATE OF DELIVERY TO THE FIRST RETAIL OWNER OR THE DURATION OF THE RESPECTIVE EXPRESS LIMITED WARRANTIES STATED HEREIN. TO THE EXTENT ALLOWED BY LAW, NEITHER BOSTON WHALER, NOR THE SELLING DEALER, SHALL HAVE ANY RESPONSIBILITY FOR LOSS OF THE BOAT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT BE APPLICABLE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT BE APPLICABLE. THIS WARRANTY GIVES THE OWNER SPECIFIC LEGAL RIGHTS, AND THE OWNER MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY.

RETAIL CUSTOMERS IN THE EUROPEAN ECONOMIC AREA (EEA) MAY HAVE LEGAL RIGHTS UNDER APPLICABLE NATIONAL LEGISLATION REGARDING THE SALE OF CONSUMER GOODS WHICH ARE NOT AFFECTED BY THIS LIMITED WARRANTY. THE RETAIL CUSTOMER'S LEGAL RIGHTS UNDER ANY APPLICABLE NATIONAL LEGISLATION REGARDING THE SALE OF CONSUMER GOODS SHALL NOT BE AFFECTED. Information on authorized EEA dealers and EEA Privacy may be obtained by contacting Boston Whaler at [www.whaler.com](http://www.whaler.com).

#### **STATUTE OF LIMITATIONS**

Any action for rescission or revocation against Boston Whaler shall be barred unless it is commenced within one (1) year from the date of accrual of such cause of action. This provision does not grant any consumer a right of rescission or revocation against Boston Whaler, where such right does not otherwise exist under applicable law. Some states may not allow the applicable statute of limitations for rescission or revocation to be reduced, so this provision may not apply to each retail owner.

#### **OWNER'S OBLIGATIONS**

To initiate a warranty claim, it is the responsibility of the purchaser to contact an authorized Boston Whaler dealer immediately after discovery of any defect, describe the nature of the problem, and provide a hull serial number, date of purchase, and name of selling dealer. The authorized dealer will notify Boston Whaler, who is solely responsible for determining and authorizing in writing the remedial action(s) to be performed at either an authorized Boston Whaler dealership chosen by Boston Whaler or at the Boston Whaler factory. The purchaser should notify Boston Whaler of any boat being repaired by an authorized Boston Whaler dealer which has been at the dealership for fifteen (15) days, or of any claimed defect which was not corrected after one repair attempt. Our privacy policies are available at [www.whaler.com](http://www.whaler.com).

#### **ASSIGNMENT OF COMPONENT WARRANTIES**

Except as expressly set out herein, all warranties provided by the manufacturers and distributors of components, equipment, and parts on the boat (collectively "Component Manufacturers") are hereby assigned to the owner to the extent permitted by the Component Manufacturers, as the owner's sole and exclusive remedy with respect to such items.

#### **REGISTRATION & WARRANTY TRANSFER POLICY**

Boston Whaler provides each new boat owner with a product registration card which should be filled out and sent to Boston Whaler within 30 days of purchase. Please complete and return the product registration card within 30 days of purchase of your boat in order to facilitate processing of warranty claims and for manufacturer notifications.

The ten-year, three-year, and one-year limited warranties are transferable to a subsequent owner, except this limited warranty will not transfer to any new owner of a boat which has been salvaged and resold, or resold after a declaration of a total loss or a constructive total loss, i.e. the cost of repair exceeds the value of the boat. The new owner must fill out and send in a Boston Whaler warranty transfer form, accessible from [www.whaler.com](http://www.whaler.com), a copy of the bill of sale, and a \$50.00 fee to Boston Whaler, 100 Whaler Way, Edgewater, Florida 32141, within 30 days of purchase.

#### **MODIFICATIONS & SEVERABILITY**

The terms and conditions contained herein, as well as those of any documents prepared in conjunction with the sale of this vessel may not be modified, altered or waived by any action, inaction, or representations, whether oral or in writing, except upon the expressed, written authority of a management level employee of Boston Whaler. The invalidity or unenforceability of any one or more of the provisions herein shall not affect the validity and enforceability of the other provisions.

**World Headquarters, 100 Whaler Way, Edgewater, FL 32141**

**Phone (386) 428-0057**

**Internet Address: [www.whaler.com](http://www.whaler.com)**

## Boston Whaler Limited Warranty-Australia

Boston Whaler, Inc. of 100 Whaler Way, Edgewater, Florida 32141 USA ("Boston Whaler") provides the following Limited Warranty to the original retail owner of its 2012 model year boats, if purchased from an authorized Boston Whaler Dealer and operated under normal, non-commercial use ("Boat"), subject to the remedies, exclusions, and limitations set out below.

1. **Ten-Year Pro-Rated Structural Hull Limited Warranty:** Any Structural Hull Defect in material or workmanship which is reported within ten (10) years from the date of sale to the original purchaser will be repaired or replaced at Boston Whaler's sole discretion based on the following depreciation schedule. The "Hull" shall mean the single fiberglass molded shell and integral structural components. A Structural Hull Defect shall mean a substantial defect in the Boat's Hull which causes the boat to be unfit or unsafe for general use as a pleasure craft under normal operating conditions.

| Year               | 1    | 2    | 3    | 4    | 5    | 6   | 7   | 8   | 9   | 10  |
|--------------------|------|------|------|------|------|-----|-----|-----|-----|-----|
| Boston Whaler Pays | 100% | 100% | 100% | 100% | 100% | 90% | 70% | 50% | 30% | 10% |
| You Pay            | 0%   | 0%   | 0%   | 0%   | 0%   | 10% | 30% | 50% | 70% | 90% |

2. **Three-Year Limited Warranty on Components Manufactured or Installed By Boston Whaler:** Boston Whaler will repair or replace, at its sole discretion, any components manufactured or installed by Boston Whaler that are defective in factory materials and/or workmanship, which are reported within three years from the date of sale to the original purchaser, and are not addressed in the specific warranties listed in paragraph 1 or 3 or set out in the Exclusions paragraph below.

3. **One-Year Limited Warranty on Upholstered Items, Canvas, Teak, and Powder Coating:** Boston Whaler will repair or replace, at its sole discretion, any upholstered items, canvas, teak, and powder coating manufactured or installed by Boston Whaler that are defective in factory materials and/or workmanship and are reported within one year from the date of sale to the original purchaser.

The benefits given to a consumer by this limited warranty are in addition to other rights and remedies of the consumer under a law in relation to the goods and services to which the warranty relates.

### EXCLUSIONS

This limited warranty does not apply to any boat which has been salvaged or declared a total loss or constructive total loss for any reason not covered in this limited warranty. This limited warranty also does not apply to the following items:

- (1) Expenses for hauling out, transportation to and from the dealer or the Boston Whaler factory for warranty service.
- (2) Equipment or accessories which are not installed by Boston Whaler or which carry their own individual warranties, including but not limited to engines, engine components, batteries, propellers, controls, steering mechanisms, and electronics.
- (3) Damage or deterioration of cosmetic surface finishes, including discoloration, chalking, cracking, crazing, fading or oxidation of gel coat, stress lines, plated or painted metal and stainless steel finishes, plastics or acrylic materials, or anti-fouling bottom paint.
- (4) Windshield breakage and leakage.
- (5) Any Boston Whaler boat initially sold at retail by a party other than an authorized Boston Whaler dealer.
- (6) Damage resulting from abuse, misuse, improper rigging and installation by the owner or any other person or entity not being an authorized dealer, accidents, overloading or powering in excess of the recommended maximum horsepower.

(7) Failure of the owner to use, maintain, or store the boat as specified in the Boston Whaler owner's manual; and any other failure to provide reasonable care and maintenance. Normal wear and tear maintenance items are excluded from warranty coverage including but not limited to filters, bulbs, batteries, bungees, anchor rope, trailer finishes, tires, brakes, bearings and lights.

(8) Any Boston Whaler boat which has been altered or modified from Boston Whaler factory specifications, including penetration of the hull by anyone other than Boston Whaler factory personnel or Boston Whaler authorized dealer service personnel following factory specified procedures.

(9) Use of improper trailer, incorrect bunks or bunks placement and improper boat lift or sling.

(10) Any Boston Whaler boat used for commercial, which includes but is not limited to any for-profit uses, or other revenue-generating purposes.

(11) Any representation or implication relating to speed, range, fuel consumption or estimated performance characteristics.

(12) Any failure or defect caused by an act of nature resulting in damage, cost, or expense;

(13) Any failure or defect arising from a previous repair made by a non-authorized service provider.

(14) Any item exceeding the expressed coverage limits specified in any Boston Whaler Limited Warranty.

(15) Any defect or repair requiring redesign of the Boat, except pursuant to the recall provisions of the United States Federal Boat Safety Act of 1971 or the recall laws of any other foreign jurisdiction.

#### **SOLE REMEDY UNDER THIS LIMITED WARRANTY**

THE REMEDY OF REPAIR OR REPLACEMENT OF PARTS OR MATERIALS THAT ARE FOUND TO BE DEFECTIVE IN FACTORY MATERIALS OR WORKMANSHIP COVERED BY THIS LIMITED WARRANTY SHALL CONSTITUTE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST BOSTON WHALER UNDER THIS LIMITED WARRANTY FOR ANY CLAIMS WHATSOEVER OF ECONOMIC LOSS RESULTING FROM PRODUCT FAILURE. In keeping with environmental policies and practices, Boston Whaler reserves the right to utilize reconditioned, refurbished, repaired or remanufactured products or parts in the warranty repair or replacement process. Such products and parts will be comparable in function and performance to an original product or part and warranted for the remainder of the original warranty period. In no event shall any repair or replacement under this Limited Warranty exceed the fair market value of the product as of the date of the owner's claim. Acceptance of any product returned or any refund provided by Boston Whaler shall not be deemed an admission that the product is defective. Products that are replaced become the property of Boston Whaler.

#### **OTHER LIMITATIONS**

EXCEPT AS SET FORTH HEREIN AND EXCEPT FOR THE GUARANTEES AND OTHER RIGHTS AND REMEDIES THAT A CONSUMER MAY HAVE UNDER A LAW IN RELATION TO WHICH THE BOAT OR ITS COMPONENTS RELATES:

1. THERE ARE NO OTHER WARRANTIES EITHER EXPRESS OR IMPLIED PROVIDED BY BOSTON WHALER ON THIS BOAT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY, ARE EXPRESSLY EXCLUDED.;

2. TO THE EXTENT ALLOWED BY LAW, BOSTON WHALER FURTHER DISCLAIMS ANY LIABILITY FOR ECONOMIC LOSS ARISING FROM CLAIMS OF PRODUCT FAILURE, NEGLIGENCE, DEFECTIVE DESIGN, MANUFACTURING DEFECT, FAILURE TO WARN AND/OR INSTRUCT, LACK OF SEAWORTHINESS, AND ANY OTHER THEORY OF LIABILITY NOT EXPRESSLY COVERED UNDER THE TERMS OF THIS LIMITED WARRANTY;

3. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS DISCLAIMED; AND.

4. TO THE EXTENT ALLOWED BY LAW, NEITHER BOSTON WHALER, NOR THE SELLING DEALER, SHALL HAVE ANY RESPONSIBILITY FOR LOSS OF THE BOAT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS OR CONSEQUENTIAL DAMAGES.

#### WHAT OWNER MUST DO TO CLAIM THIS LIMITED WARRANTY

To initiate a warranty claim, it is the responsibility of the owner to contact an authorized Boston Whaler dealer immediately after discovery of any defect, describe the nature of the problem, and provide a hull serial number, date of purchase, and name of selling dealer. A list of authorized Boston Whaler dealers and their contact details is available at [www.bostonwhaler.com](http://www.bostonwhaler.com).

The authorized dealer will notify Boston Whaler, who is solely responsible for determining and authorizing in writing the remedial action(s) to be performed at either an authorized Boston Whaler dealership chosen by Boston Whaler or at the Boston Whaler factory. The owner will be notified of where the Boat is to be delivered for inspection and any repairs. The owner is responsible for delivering the Boat to that location.

The owner must also:

- comply with all reasonable directions given by the authorized dealer and/or Boston Whaler in connection with the warranty claim;
- refer all warranty work or repairs to the authorized dealer for authorization as a condition precedent to Limited Warranty coverage;
- allow Boston Whaler an opportunity to resolve any warranty claim; and
- notify Boston Whaler of any Boat being repaired by an authorized Boston Whaler dealer which has been at the dealership for fifteen (15) days, or of any claimed defect which was not corrected after one repair attempt.

Our privacy policies are available at [www.bostonwhaler.com](http://www.bostonwhaler.com).

#### EXPENSE OF CLAIMING THIS LIMITED WARRANTY

This limited warranty does not cover any expenses that you may incur claiming the warranty.

#### REGISTRATION & WARRANTY TRANSFER POLICY

This limited warranty is conditional upon the original retail owner activating the warranty coverage and, where applicable, upon Boston Whaler accepting the transfer to any subsequent owner or owners of any unexpired terms of the warranty provisions that are capable of being transferred in accordance with the terms and conditions of this limited warranty.

The limited warranty coverage may be activated by the authorized selling dealer registering the sale of a new Boat with Boston Whaler. Alternatively, the purchaser may activate the limited warranty coverage by filling out the product registration card which Boston Whaler provides each new boat owner and sending the card to Boston Whaler at the address shown at the foot of this warranty within 30 days of purchase.

The ten-year, three-year, and one-year limited warranties are transferable to a subsequent owner, except this limited warranty will not transfer to any new owner of a boat which has been salvaged and resold, or resold after a declaration of a total loss or a constructive total loss, i.e. the cost of repair exceeds the value of the boat. The new owner must fill out and send in a Boston Whaler warranty transfer form, accessible from [www.bostonwhaler.com](http://www.bostonwhaler.com), a copy of the bill of sale, and a \$50.00 fee to Boston Whaler, 100 Whaler Way, Edgewater, Florida 32141, within 30 days of purchase.

#### MODIFICATIONS & SEVERABILITY

The terms and conditions contained herein, as well as those of any documents prepared in conjunction with the sale

of this vessel may not be modified, altered or waived by any action, inaction, or representations, whether oral or in writing, except upon the expressed, written authority of a management level employee of Boston Whaler. The invalidity or unenforceability of any one or more of the provisions herein shall not affect the validity and enforceability of the other provisions.

#### **WARRANTIES UNDER AUSTRALIAN CONSUMER LAW**

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**World Headquarters, 100 Whaler Way, Edgewater, FL 32141**

**Phone +1 386 428-0057**

**Internet Address: [www.bostonwhaler.com](http://www.bostonwhaler.com)**

**Email: [service@whaler.com](mailto:service@whaler.com)**

## PRIVACY STATEMENT

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Thank you for purchasing a boat or requesting information from Boston Whaler! This Privacy Statement is to inform you how we collect, use, disclose, and safeguard the personal information you provide to us through your purchases, requests for brochures, product registration cards, promotions, surveys, call centers, or other customer contacts. To see our full Privacy Policy and any updates, please visit [www.whaler.com](http://www.whaler.com) and select the Privacy Statement link.

“Personal information” may include your name, age, mailing address, residential phone number, or e-mail address. It may also include income ranges, marital status, product or lifestyle preferences, and information concerning dealer service.

**How We Collect Personal Information:** Our authorized dealer provided Boston Whaler or our company in the European Union with personal information collected at the time of your boat order/purchase with other product registration data and will continue to provide warranty and servicing information on your boat. We will send you customer satisfaction surveys which you may elect to return to provide us with information on your boat purchase and your servicing needs. Your personal information may be gathered by or shared with Boston Whaler’s marketing providers and affiliated companies, who have comparable levels of privacy protection, for the purposes described in this statement. Boston Whaler, your dealer, and our marketing providers collect personal information when your request information about our companies and from surveys, promotions, contests, correspondence, your e-mails, telephone inquiries, web forms, and other communications.

**How We Use & Disclose Personal Information:** Unless you advise us otherwise, Boston Whaler, our authorized dealers, affiliated companies, and our marketing providers may generally collect, use, disclose, hold, and file your personal information for the following purposes: (1) Providing goods, brochures, information, incentives, and/or services to you or on your behalf; (2) Fulfilling the terms of our limited warranty or other service obligation; (3) Facilitating recalls or service campaigns if necessary; (4) Reviewing goods and/or services provided to you in product, services, and marketing analyses; (5) Ensuring your satisfaction through surveys or other contacts; (6) Administration, billing, accounting, and collections; and protecting against fraud and error; and (7) Investigating a breach or a contravention of a law, complying with a subpoena, warrant, court order, or as required or otherwise permitted by law. **BOSTON WHALER WILL NOT SELL YOUR PERSONAL INFORMATION OR SUBJECT YOU TO TELEMARKETING OR UNSOLICITED E-MAIL.**

**Safeguards:** We use security safeguards appropriate to the sensitivity of personal information to protect it from loss or theft, as well as prohibiting unauthorized access, disclosure, copying, use or modification of your personal information. These safeguards include restricted access to offices and equipment, security clearances, the use of passwords and/or encryption, publishing our privacy policy to appropriate personnel with instructions to act in accordance with its principles, and contractual provisions with our marketing agents and authorized dealers to follow the principles of our privacy policy.

**Access and Correction to Your Personal Information:** Subject to the exceptions provided by applicable law, we will provide, upon written request, your specific personal information collected in a form which is generally understandable. Your Personal Information is held by us and for us by our marketing agency, AVALA, who has contractually agreed to protect your information according to our privacy policies at the following addresses: Boston Whaler Inc., 100 Whaler Way, Edgewater, FL 32141. Please direct corrections, withdrawal of consent for specific purpose, complaints or other inquiries regarding personal information to: Terry Domian, AVALA Marketing Group; 1078 Headquarters Park Drive, Fenton, MO, 63026; Phone: (636) 343-9988, Fax: (636) 326-3282, E-mail: [terryd@MarketingAgencymarketing.com](mailto:terryd@MarketingAgencymarketing.com). You can withdraw consent for us to use your personal information at any time or provide corrections upon providing to us a 30-day notice, unless withdrawing consent would impede the performance of legal obligations. We are required by law to provide you with information for product recall and other product safety related purposes. The withdrawal of your consent may also adversely affect our ability to provide products and services to you and to maintain our relationship. Please note, notifying us will not result in withdrawing consent from your dealer, who should be contacted separately.

**Obtaining Consent:** If any supplementary disclosure is required, we will obtain your consent for disclosure to other persons or organizations and for other purposes than stated herein, unless otherwise permitted by law.

Thank you again for your business. We hope you have many years of wonderful boating experiences!

### Owner's manual

The material here and in the rest of the Owner's Manual Packet:

- Gives you basic safety information;
- Describes the features of your boat;
- Describes the equipment on your boat;
- Describes the fundamentals of boat use; and
- Contains service and maintenance information.

You must learn to operate this boat as well as read, understand and use this manual.

What this manual **does not** give you is a course in boating safety, or how to navigate, anchor or dock your boat. Operating a power boat safely requires more skills, knowledge and awareness than is necessary for a car or truck.

### Your responsibilities

For your safety, the safety of your passengers, other boaters and people in the water, you must:

- Take a boating safety course;
- Get instruction in the safe and proper handling of your boat;
- Understand and follow the "rules of the road";
- Learn how to navigate.

### Source of Information

In North America, contact one of the following for boating courses:

- U.S. Coast Guard Auxiliary
- U.S. Power Squadron
- Canadian Power and Sail Squadrons
- Red Cross
- State Boating Offices
- Yacht Club

Contact the Boat/U.S. Foundation at 1-800-336-2628 or go to [www.boatus.com/foundation](http://www.boatus.com/foundation)

Outside of North America, contact your boat dealer and/or your governmental boating agency for assistance.

A comprehensive background in boating can be found in the book, *Chapman - Piloting, Seamanship and Small Boat Handling*, by Elbert S. Maloney, published by Hearst Marine.

### Warranties

In addition to the Boston Whaler® Limited Warranty for your boat, each component and/or system on your boat has its own warranty that will be found with the specific information and manual for that component. The manuals are included with your Owner's Manual Packet. Locate and read the individual warranties then keep them together for easy future reference.

### Contact Phone Numbers and Internet Addresses

#### Boston Whaler, Inc.

Phone.....1-877-294-5645  
Internet.....[www.whaler.com](http://www.whaler.com)

#### United States Coast Guard

Phone.....1-800-368-5647  
Internet.....[www.uscgboating.org](http://www.uscgboating.org)

#### Boat US Foundation

Phone.....1-800-336-2628  
Internet..... [www.boatus.com/foundation](http://www.boatus.com/foundation)

#### Canadian Coast Guard

Phone.....1-800-267-6687  
Internet..... [www.ccg-gcc.gc.ca/main\\_e.htm](http://www.ccg-gcc.gc.ca/main_e.htm)

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### Explanation of Safety Labels

The most important aspect of boating is safety. Although every effort is made to address the numerous issues regarding the safe usage of your boat, it is strongly recommended that you avail yourself of the training and knowledge available through boating safety courses, etc.

### Warning Labels

Mounted at key locations throughout your boat are warning labels which advise the owner/operator of imperative safety precautions to follow when operating and/or servicing equipment.

The examples below indicate the level of hazard by color and explanation.

#### **DANGER**

Denotes an immediate hazard exists that **WILL** result in severe personal injury or death.

#### **WARNING**

Denotes hazards or unsafe practices that **MAY** result in severe personal injury or death.

#### **CAUTION**

Denotes hazards or unsafe practices that **COULD** result in minor personal injury, product or property damage.

#### **NOTICE**

Denotes information that is important to know prior to operation and/or maintenance, but is not hazard related.

### Safety Precautions

The examples below are of precautions which appear throughout this manual and must be observed when operating or servicing your boat. Learn to recognize the degree of hazard and understand the explanations of safety prior to reading this manual.

Always use common sense in the operation and servicing of your boat.

#### **DANGER**

Denotes an immediate hazard exists that **WILL** result in severe personal injury or death.

#### **WARNING**

Denotes hazards or unsafe practices that **MAY** result in severe personal injury or death.

#### **CAUTION**

Denotes hazards or unsafe practices that **COULD** result in minor personal injury, product or property damage.

#### **NOTICE**

Denotes information that is important to know prior to operation and/or maintenance, but is not hazard related.

### SAFE Boating means:

- Knowing the limitations of your boat
- Following the “RULES of the ROAD”
- Keeping a sharp lookout for people and objects in the water.
- Not boating in water or weather conditions that are beyond the boat’s and operator’s capability.
- Never operating the boat while under the influence of drugs or alcohol.
- Being aware of your passengers safety at all times.
- Reducing speed when there is limited visibility, rough water, people in the water nearby , boats or structures.

### In Addition:

- Maintain your boat and its safety and other systems as recommended in this manual.
- Have the boat inspected by a qualified mechanic or dealer, at least annually.
- Ensure that the Coast Guard required safety equipment is on board and functioning.

## NOTICE

**As a boat owner or operator, YOU are responsible for your safety and the safety of your passengers and other boaters.**

Boating in beautiful weather and calm water conditions can be a wonderful experience. Boating however requires considerably greater skills than operating a land vehicle. Taking a boating course is the best way to prepare for a safe and enjoyable experience on the water.

- Take a Coast Guard, U.S. Power Squadron or equivalent boating safety course. (Call the Boat/U.S. Foundation at 1-800 336-2628 for information on available courses, or go to: “[www.boatus.com/foundation](http://www.boatus.com/foundation)” on the internet.)
- Get hands-on training on how to operate your boat properly.

### Safe Boating Checklist

#### Before Departure

- ☐ Update checklists when equipment is added or modified.
- ☐ Weather-forecast safe
- ☐ Required documents-on board
- ☐ Navigation charts & equipment-on board
- ☐ Safety equipment-on board
- ☐ Safety training-passengers & crew instructed on procedures, location, and use of safety equipment.
- ☐ Drain plugs-installed
- ☐ Bilge pumps-working & clean
- ☐ Blower-working
- ☐ Navigation lights-working
- ☐ Horn-working
- ☐ Fuel system-no leaks or fumes
- ☐ Fuel filter-tight & clean
- ☐ Power steering fluid-filled(if applicable)
- ☐ Steering system-working smoothly & properly
- ☐ Battery-electrolyte level within range
- ☐ Float plan-filed with friend or relative

#### Trailer (if applicable)

- ☐ Boat position-secure on trailer
- ☐ Tiedowns-tight
- ☐ Winch-locked
- ☐ Trailer hitch-connected
- ☐ Engine clearance-in trailering position
- ☐ Safety chains-attached
- ☐ Electrical-Lights, brake lights, turn signals working
- ☐ Mirrors-adjusted for trailering

#### After Return

- ☐ PFD’s & other safety gear-dry, stowed for next use
- ☐ Fuel tanks-filled (allow for expansion) to prevent condensation
- ☐ Fuel system-no leaks
- ☐ Bilge pump-operating properly
- ☐ Bilge-clean, no leaks
- ☐ Float plan-notify person with whom you filed plan

### General Considerations

- Know how your boat handles under different conditions. Recognize your limitations and the boat's limitations. Modify speed in keeping with weather, sea and traffic conditions.
- Instruct passengers on location and use of safety equipment and procedures.
- Instruct passengers on the fundamentals of operating your boat in case you are unable to do so.
- You are responsible for passenger's actions. If they place themselves or the boat in danger, immediately correct them.
- Remember the "Rule of Thirds": one third total fuel usage for the trip out; one third total fuel usage while out; one third total fuel usage for the return trip.

### Maintain Control

High performance boats require intimate knowledge of their handling characteristics for safe high speed operation.

- Learn the effects of trim, steering and throttle changes at gradually increasing levels of speed.
- Approach full throttle while adjusting trim for safe handling of the vessel.

On the water there are no marked traffic lanes, no traffic signs or lights, and boats have no turn signals. The boat operator must keep her or his attention focused not only on what's ahead but what's on the left, right and behind the boat.

The operator must always be alert to approaching boats (from the rear, right and left sides, as well as those ahead). There can be people in the water, partially submerged debris, and other navigational hazards such as rocks, sand bars or dangerous currents, to name a few.

Your passengers are relying on you to operate and maneuver the boat safely so that they are not in danger of going overboard. If you turn too quickly,

increase or decrease speed abruptly, your passengers are at risk of being thrown overboard or thrown about the boat.

When visibility becomes impaired because of weather, time of day or high bow angle you must slow down so that you have sufficient time to react if an emergency occurs. Nearby boats face similar risks in avoiding a collision with you.

### Boarding

- Board only one person at a time.
- Never jump into boat. Step or climb into cockpit.
- Load gear after you are aboard. Carrying gear while boarding can cause you to lose balance.
- Distribute weight evenly.
- Instruct passengers where to sit during on-plane operation to reduce the possibility of falling overboard during high speed maneuvers.
- If gear is not immediately needed, stow it in secure areas.
- Safety gear must be immediately accessible at all times.

### Impaired Operation



## WARNING

**CONTROL HAZARD-Federal laws prohibit operating a boat while under the influence of alcohol or drugs. These laws are vigorously enforced.**

The detrimental effects of alcohol and drugs are increased by wind, waves and sun, and will decrease your response time and ability to act in critical situations. Give special attention to the effects of alcohol and drugs while boating. No other single factor causes as many marine accidents and deaths. Death or serious injury and damage to personal and private property can result from being impaired while operating a boat.



### WARNING

Death or serious injury can result if you fail to observe these safety rules:

- Anyone who controls the boat should have taken a boating safety course and have trained in the proper operation of the boat.
- Always operate the boat at speeds that will not put people or property in danger.
- Be constantly aware of conditions in all directions when underway and before turning.
- Reduce speed, use a lookout to identify possible hazards or difficulties, and turn on navigation lights when:
  - visibility is impaired;
  - in rough water; and
  - in congested waterways.
- Watch your wake. It can capsize a small boat or damage moored boats or other property. You are responsible for damage caused by your wake.



### WARNING

**NEVER** operate a boat at a speed at which you do not feel in control.



### WARNING

A qualified operator must be in control of the boat at all times. Do not operate the boat while under the influence of alcohol or drugs. never operate your boat at speeds which exceed the operator's ability to react if an emergency develops. At night, turn on the appropriate navigation lights and cruise at a reduced speed that will allow you plenty of time to avoid dangerous situations.



### WARNING

#### STABILITY HAZARD

- Load boat properly. The manufacturer's load rating is the maximum allowed under normal conditions. Adjust downward if weather, water or other conditions are adverse.
- Allow passengers to ride only in areas that do not pose a hazard to themselves or the boat.

**DO NOT** allow passengers to ride on the bow of a closed bow boat.

**DO NOT** allow several passengers to ride in the bow of a small open-bow boat, causing the boat to "plow" into the water.

**DO NOT** allow passengers to ride on the stern cushion or gunwales.

**DO NOT** overload the stern.

- Observe manufacturer's recommended on-plane seating locations.
- Passengers should remain seated while boat is moving.

**PERSONAL INJURY HAZARD**-Stay alert. Use of drugs, alcohol, or other substances which impair judgement poses a serious threat to yourself and others. The boat operator is responsible for the behavior of passengers.

**DROWNING HAZARD**-Boats must carry one wearable personal flotation device (PFD) for every passenger on board. Boats must have at least one throwable life preserver.

**SLIPPING HAZARD**-Wet decks are slippery. Wear proper footwear and use extreme caution on wet surfaces.

### Legally Mandated Equipment (Minimum Required)

Consult your National Boating Law Enforcement Agency. The following equipment is the minimum required by the U.S. Coast Guard for a boat less than 26 ft. (7.9M) in length.

#### Personal Flotation Devices (PFD's)

One (1) Coast Guard approved Type I, II or III is mandatory for each person aboard.

One (1) throwable Type IV device is also required to be onboard.

A Type V device is acceptable (See page 1-8) if worn for approved use. **ALWAYS WEAR A PFD WHEN BOATING**



### WARNING

**There is rarely time to reach stowed life jackets in time of emergency. Boaters should always wear a properly fitting, approved life jacket when on the water.**

**Children and non-swimmers MUST wear PFDs at all times when aboard.**

### NOTICE

**Depending on the state or country of operation, the operator of a vessel may be fined for failure to comply with local or national rules regarding PFD usage.**

#### Fire Extinguishers (Portable)

If there is no fixed fire extinguishing system installed in the engine or generator spaces, the Coast Guard requires two (2) Type B-I or one (1) B-II fire extinguisher(s) be on board.

The American Boat & Yacht Council (ABYC) recommends that you carry three (3) A,B or C Type fire extinguishers on board and located within easy reach of the helm, Engine(s), and galley or passenger cockpit.

#### Whistle, Horn

You must have on board, some means of making a loud sound signal. Navigation rules require that a sound made by any audible device be capable of a four (4) second blast, and be audible for 1/2 mi. (.80 Km).

#### Visual distress Signals

If you operate your boat in coastal waters or on the Great Lakes, you must have a visual distress signals for day and night use on board. At least three (3) U.S.C.G. approved pyrotechnic devices marked with date showing service life must be carried, be readily accessible, in servicable condition and not be expired.

**Store all pyrotechnic signals in a well marked, waterproof container.**

#### Additional Recommended equipment for safe operation

In addition to the legally mandated equipment, the following items are necessary for safe boating, especially if your boat will be out of sight of land.

- First Aid kit
- Charts/Maps
- Visual distress signals (for day or night use)
- Marine VHF radio
- Moisture repellent
- Mooring Lines
- Fenders
- Waterproof flashlights
- High power spotlight
- Spare propeller
- Tool kit:
  - Screwdrivers, (phillips & flat)
  - Pliers, (regular, vise-grip, tongue & groove)
  - Wrenches, (box, open end, allen & adjustable)
  - Socket set, (metric and U.S.)
  - Electrical tape & duct tape
  - Hammer
  - Spare parts kit, (spark plugs, fuses, etc.)
- Compass
- Manual bilge pump
- GPS or LORAN
- Spare keys
- EPIRB-Emergency positioning-indicating radio beacon
- Boat hook
- Extra batteries
- Instruction manuals
- Lubricating oil

### Carbon Monoxide (CO)

#### **DANGER**

- **Fumes from the engine(s), Generator(s) and other equipment and appliances that burn fuel contain Carbon Monoxide. Carbon Monoxide can kill you. Open all doors, hatches, curtains and windows to allow fresh air to circulate and dissipate the amounts of Carbon Monoxide present in enclosed spaces, especially when the boat is moored or anchored.**
- **Proper ventilation must be maintained, even during inclement weather to prevent dangerous levels of Carbon Monoxide build-up.**
- **Sleeping aboard a boat will require a working Carbon monoxide detection system, preferably in each sleeping quarter.**

Carbon Monoxide is an odorless, colorless, and tasteless, extremely toxic gas produced by engines, heaters, stoves or generators. When inhaled it combines with hemoglobin in the blood, preventing absorption of oxygen and is unlikely to be noticed until the person is overcome.

Prolonged exposure to low concentration or very short exposure to high concentrations can result in asphyxiation and death.

Symptoms of Carbon Monoxide poisoning include:

- Dizziness
- Headaches
- Ringing in the ears
- Nausea
- Unconsciousness

**GET MEDICAL ATTENTION AS SOON AS POSSIBLE.**

Symptoms of CO poisoning are often confused with seasickness or intoxication, so those affected may not receive the medical attention they need.

The poisoning victim's skin often turns cherry red. If CO poisoning is suspected, have the victim breathe fresh air deeply. If breathing stops, resuscitate. A victim often revives, then relapses because organs are damaged by lack of oxygen.

Carbon Monoxide can accumulate in dangerous concentrations anywhere in or around your boat including on back decks, swim platforms, or in water around generator exhausts. CO can remain in or around your boat at dangerous levels even if your engine is no longer running.

#### **Remember:**

- If you can smell engine exhaust, you are inhaling CO.
- Changing course and speed to place boat heading into the wind can improve ventilation.

To minimize the danger of Carbon Monoxide accumulation when the Engine(s) and/or Generator(s) are running (or by use of fuel burning equipment.):

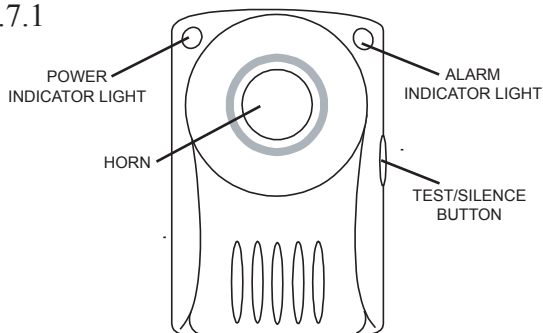
- Be sure to have sufficient ventilation when using canvas cabin enclosures when underway, anchored, moored or docked.
- Open all forward hatches, portlights and leave cabin door open.
- Operate all fuel burning appliances, such as charcoal, propane, LPG, CNG or alcohol cooking devices in areas where fresh air can circulate.
- Do not idle the engine(s) without moving the boat for more than 15 minutes at a time.
- Inspect the exhaust system regularly.

#### **Carbon Monoxide Detector**

The Carbon Monoxide Detector located on the starboard aft bulkhead of the cabin monitors the cabin and will sound an alarm when dangerous levels of CO are detected. The detector is very sensitive and will notify you before dangerous amounts of Carbon Monoxide can accumulate which will allow you to take measures to dissipate the gas from the affected areas. Follow all recommendations regarding this section to keep yourself safe from Carbon Monoxide.

## Carbon Monoxide Detector

Fig. 1.7.1



### ⚠ DANGER

**Even in rainy cold weather, ventilation must be maintained to avoid Carbon Monoxide poisoning. You will get wet and/or cold.**

#### In the event the CO alarm activates:

- Evacuate enclosed areas immediately.
- Shut OFF any fuel burning equipment or appliances.
- Open hatches, doors, portlights, etc. to improve ventilation.
- If making way, head boat into the wind.

### ⚠ DANGER

**Never ignore an alarm.**

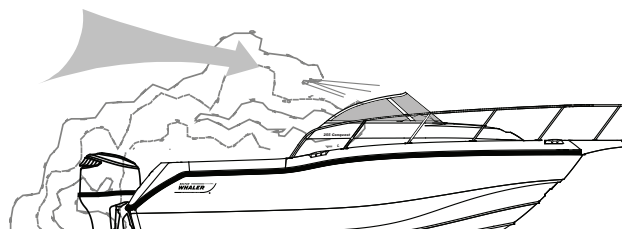
#### End Of Life signal

Your CO detector is equipped with an End Of Life (EOL) signal indicating the sensor used in the unit has reached the end of its service life and must be replaced. The signal is activated from a timer that will run for 4 years, 11 months from the date of manufacture. Depending on your monitor, the EOL signal indicator varies, so check the unit's operation manual for further information and instructions.

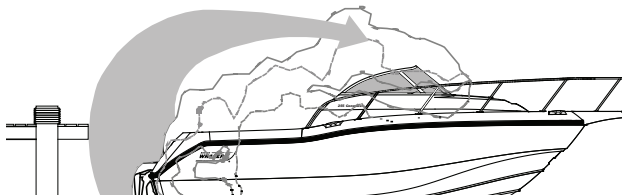
The EOL signal can be reset for a period of 72 hours (3 days) for a total of up to 30 days. After this time, the unit will continuously signal EOL and will no longer detect CO and **MUST BE REPLACED! DO**

## Examples of accumulation of Carbon Monoxide

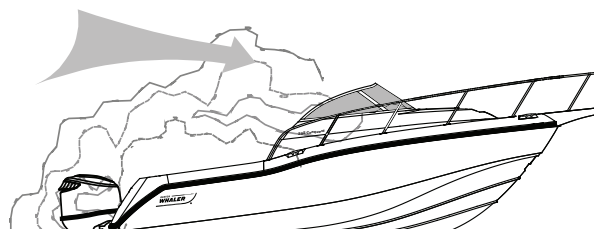
Fig. 1.7.2



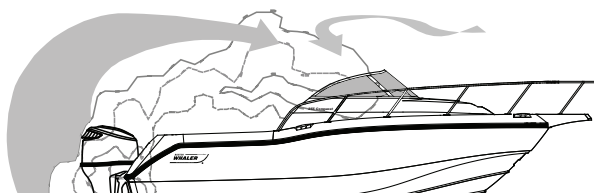
WINDS BLOWING EXHAUSTS TOWARD BOAT OCCUPANTS.



BLOCKING EXHAUSTS

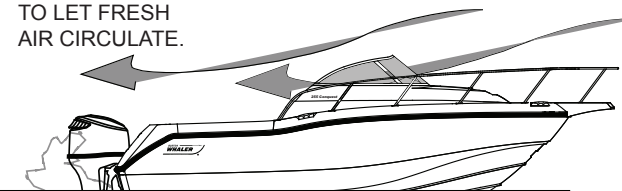


OPERATING WITH "BOW HIGH"



OPERATING AT SLOW SPEED  
OR DEAD IN WATER

OPEN ALL HATCHES, PORTLIGHTS  
OR CANVAS OPENINGS  
TO LET FRESH  
AIR CIRCULATE.



GOOD AIR FLOW

**NOT DISCONNECT THE ALARM UNTIL YOU HAVE A REPLACEMENT ALARM AVAILABLE TO INSTALL! REMOVING THE LITHIUM BATTERY WILL CAUSE THE UNIT TO SIGNAL EOL PERMANENTLY.**

### Lifesaving Equipment

Even strong swimmers can tire quickly in the water and drown due to exhaustion, hypothermia, or both. The bouyancy provided by a personal flotation device (PFD) will allow the person who has fallen overboard to remain afloat with far less effort and body heat loss, extending survival time necessary to find and retrieve them.

### PFD Requirement

One (1) Coast Guard approved PFD, Type I, II or III for each person aboard or being towed on water skis, tubes, etc.

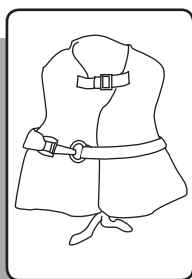
The law requires that PFDs must be readily accessible, if not worn. “Readily Accessible” means removed from storage bags and unbuckled.

### NOTICE

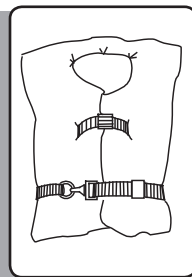
**Children and non-swimmers MUST wear PFDs at all times when aboard.**

### PFD Classifications

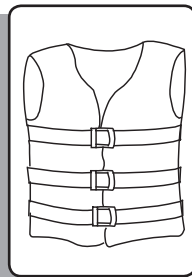
Listed below are the several different types of PFDs, each life jacket has different purposes, choose one that will suit your purpose.



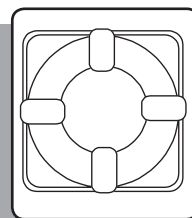
**Type I**, Off-shore Life Jacket is considered the most bouyant, it is designed to turn an unconscious person face up. Use in all types of waters where rescue may be slow, particularly in cold or rough water conditions.



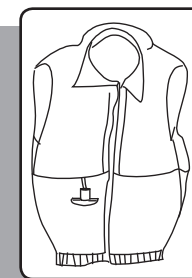
**Type II**, Near-shore Life Vest, “keyhole” vest with flotation filled head and neck support is also designed to turn a person face up, but the turning action is not as pronounced. Use in calm inland waters or where quick rescue is likely.



**Type III**, Flotation-aid Life vest is designed so that conscious wearers can turn face-up. Designed for comfort while engaged in water skiing or other forms of water activities.



**Type IV**, Throwable Devices, horseshoe bouys, ring bouys and bouyant cushions are designed to be grasped, not worn.



**Type V**, Special-Use devices, sailboat harnesses, white water vests, float coats, and hybrid vests which have minimum inherent bouyancy and an inflatable chamber.

Before purchasing PFDs, ensure that there is an attached tag indicating they are approved by the U.S.Coast Guard or by your National Boating Law Enforcement Agency.

The operator is responsible for instructing everyone onboard on their location and use. **The best precaution is to wear the PFD at all times while on the boat.**

### Emergency Situations

#### NOTICE

**The law requires the owner/operator to assist any person or boat in distress as long as rendering assistance does not endanger the owner/operator, the passengers or the boat.**

Prevention is the safest approach. We hope that you are never involved in an emergency situation, but if you are it is imperative that you react.

### Medical Emergency

You may be far from professional medical help when you are boating. At least two (2) persons on board your boat should be CPR certified, and should have taken a first aid course. Your boat should have a well stocked first aid kit on board. In many situations your radio will be your only link to reaching medical assistance. Keep the radio in working order and understand which channels are used for emergencies, these channels are constantly monitored and will be useful when situations arise. Cell phones are becoming more common and can help in some areas, but they are limited and unreliable and should not be used in the place of a good VHF radio.

### Water Rescue

In most situations a person that has fallen overboard will succumb to hypothermia if not rescued immediately. Life expectancy decreases as rescue time increases in water temperatures below 70° (21.1°C).

There are three (3) steps that must be taken when a person has fallen overboard:

#### 1. Returning to the victim:

- Immediately make everyone onboard aware that someone is overboard and keep the victim in sight.
- Slow the boat and keep pointing toward the person overboard. At night or in low light, point the best available light source at the person.

- Throw a life ring/preserver to the victim, even if they are wearing one it will serve as another marker.

#### 2. Making contact:

- Stop or slow the boat and circle toward the person overboard.
- Try to approach heading into the wind or into the waves.
- Keep person overboard constantly in sight.
- When almost alongside, stop the engine in gear to prevent propeller “windmilling”.

#### 3. Getting back aboard:

- Try to reach the person overboard with a pole, or by throwing a life preserver. NEVER swim to them except as a last resort.
- Assist the person in boarding. Boarding should be done at the stern of the boat.
- If the person is injured or incapable of boarding by themselves, a rescuer should don a life preserver with a safety line and enter the water to assist the person onto the boat.
- Handle the person carefully, spinal injuries might have occurred and could be worsened by rough handling.
- Check for other injuries, render medical assistance immediately.

### Fire

Fire is a serious boating hazard. Boats will burn quickly. Do not remain onboard and fight a fire for more than a few minutes. If the fire is out of control and cannot be put out with the fire suppression equipment onboard, abandon ship immediately.

The fumes released during a fire are toxic and should be avoided. Even after the fire has been extinguished, proper ventilation of the area is required to minimize exposure to harmful fumes.

### **DANGER**

- **Fires can spread quickly. Your reaction to the fire is important. Have the proper fire fighting equipment close at hand, and in good working order to respond quickly.**
- **Small fire extinguishers have small discharge times. Aim at the base of the fire with a sweeping motion to maximize the use of the fire extinguisher contents.**

#### **To lessen the danger of fire:**

- Extinguish all smoking materials, shut off blowers, stoves, engine(s) and generator(s).
- Keep bilge area clean, oil and fuel spills should be cleaned immediately.
- If possible throw burning materials overboard.
- If fire is accessible, release the contents of the fire extinguisher(s) into the base of the fire.
- If the fire is in an enclosed compartment, and you have an automatic extinguisher for the compartment, wait 15 min. before opening the compartment. Have an extinguisher handy in case of a flare up.
- If possible, signal for help. Radio, visual, and audible signal should be used as needed. You must render assistance to any boater requesting help.
- If fire is out of control, grab all necessary survival gear, distress signals, don your PFD's and prepare to abandon ship.
- If you do abandon ship, make sure the passengers have PFD's. Take a head count before entering the water and take another head count when in the water. **STAY TOGETHER.**

#### **Flooding, Swamping and Capsizing**

In the event of Flooding, Swamping or Capsizing:

##### **Flooding-**

- Always wear your PFD, or have it within reach.

- If the bilge pump(s) have not automatically turned ON, switch them ON immediately.
- Find the source of the flooding and determine the best fix.
- Keep the bilge pumps running until the flooding is under control.
- Call for assistance if the source of the flooding cannot be controlled.
- Head back to port if possible.

##### **Swamping-**

- Always wear your PFD, or have it within reach.
- Swamping is usually a result of wave action, immediately get control of the helm and turn the boat into the waves.
- Swamping can also be caused by an overloaded boat.
- If the bilge pump(s) have not automatically turned ON, switch them ON immediately.
- The deck scuppers on your boat are designed to drain the deck of water.
- Keep the bilge pumps running until the flooding is under control.
- Take a head count of all passengers.

##### **Capsizing-**

- “Capsized” is when a boat is on its side or completely upside-down (usually as a result of wave action, improper loading or load shifting).
- If the boat will not right itself, get out of the water and climb onto the exposed hull.
- Do a head count for all passengers
- **STAY TOGETHER**
- Usually a capsizing will happen quickly and without warning.
- Use whatever is at hand to signal for help.

The chances of flooding, swamping or capsizing can be reduced by being aware of:

- Weather
- Water Conditions
- Proper boat handling techniques
- Proper loading of the boat

### Collision

In the event of collision:

- Cut the engine(s)
- Check on passengers
- If the bilge pump(s) have not automatically turned ON, switch them ON immediately.
- Determine the amount of damage to your boats structure.
- Call for assistance
- In the event of collision you are required to file an accident report. Contact a state enforcement agency or the nearest U.S. Coast Guard office. If you are boating outside U.S. waters, consult the nation you are visiting for accident reporting requirements.

### Propulsion, Control or Steering failure:

If there is a propulsion, control or steering failure:

- Stop the engine, (shut off at Ignition or pull on the Emergency Engine Shut-Off Switch.)
- Drop anchor to prevent drifting.
- Determine if the problem can be fixed or will assistance be needed.
- Call for assistance if needed.

When loss of propulsion or steering is noticed, your quick reaction is required to prevent further damage to your boat or injuries to your passengers.

Outboard engines require propulsion to control the direction the boat will take. Without propulsion, the steering is virtually useless. If you are in a congested waterway you will need to react quickly to warn

others that you have lost power, propulsion or steering control and that assistance will be needed.

### Grounding

Running aground may be avoided by paying attention to marker bouys or indicated by waves as they form into breakers when passing over a sand bar.

If you do run aground, the course of action depends on how hard the boat hits bottom and whether the boat remains stranded. If it is a simple touch, you may need only to inspect the lower drive of the engine and the hull of the boat. If possible do a thorough inspection before trying to get loose, throwing the boat into reverse before this is done may do more damage.

### Distress Signals

#### Visual Distress Signals, (VDS)

- U.S. Coast Guard regulations require boats in coastal waters and the Great Lakes to carry a Visual Distress Signal (VDS) for day and night use, as well as appropriate for the time of operation. Exempt from the day signals requirement, but not night signals, are boats less than 4.8 meters (16 feet), open sailboats less than 7.9 meters (26 feet), boats participating in organized events and manually propelled boats.
- If you are required to have visual distress signals, at least three safety approved pyrotechnic devices in serviceable condition must be readily accessible. They must be marked with a date showing the service life which must not be expired.
- Carry three signals for day use and three for night use. Some pyrotechnic devices such as red flares, meet both day and night use requirements.
- Store pyrotechnic signals in a cool, dry location. An orange or red watertight container prominently marked "DISTRESS SIGNALS" is recommended.

Other recognized visual distress signals include:

- Flames in a bucket
- Code flags November & Charlie
- Black square & ball on orange background flag.
- Orange flag (certified)
- Electric distress light (certified)-for night use
- Dye marker (any color)
- Person waving arms (slowly)
- U.S. ensign flown upside down

### Audible Distress Signals, (ADS)

U.S. Coast Guard regulations require one hand, mouth or power operated whistle or horn, audible for at least 1/2 mile.

Other recognized audible distress signals include:

- Radio communication (see **Radio Communication** below)
- Radio-telegraph alarm
- Position indicating radio beacon
- Morse Code S-O-S (3 short 3 long 3 short) sounded by any means.
- Fog horn sounded continuously.

### Radio Communication

A radio is the boat operator's main method of receiving safety information and summoning aid. VHF-FM radio is the primary means of short range communication. Single sideband radio (SSB) is used for longer range communication.

VHF-FM channel 16 and SSB 2182 kHz are designated for emergency use. Such situations can be categorized as:

- **EMERGENCY-**  
“MAYDAY, MAYDAY, MAYDAY,”- used when life or vessel is in imminent danger.

- **URGENCY-**

“PAN-PAN, PAN-PAN, PAN-PAN” (pronounced PAHN-PAHN)-used when a person or vessel is in some jeopardy less than indicated by a “MAYDAY” call.

- **SAFETY-**

“SECURITY, SECURITY, SECURITY” (pronounced SAY-CURE-IT-AY)-used for navigational safety or weather warning.

An emergency situation will be hectic and there will not be time to learn proper radio procedure. **LEARN WHAT TO DO BEFORE YOU NEED TO DO IT.** If you hear a distress call, stop all radio transmissions. If you can directly assist, respond on the emergency frequency. If you cannot assist, do not transmit on that frequency. However, continue to monitor until it is obvious that help is being provided.

### Weather

#### **DANGER**

**DO NOT attempt to boat in severe weather conditions. Death or serious injury can occur. Get to shore before the weather turns bad.**

Getting caught in severe weather is hazardous. Bad weather and/or rough sea or water conditions can cause an unsafe situation. Consult local weather services for up-to-date forecasts on weather and sea conditions. Television, Radio, Internet can give you access to NOAA weather reports that will help you make a determination on where and when to get underway.

Following are some weather related rules:

- Understand the design limitations of your boat.
- Check the weather forecast and water conditions before leaving and while underway.
- Wear a Personal Flotation Device, (PFD)

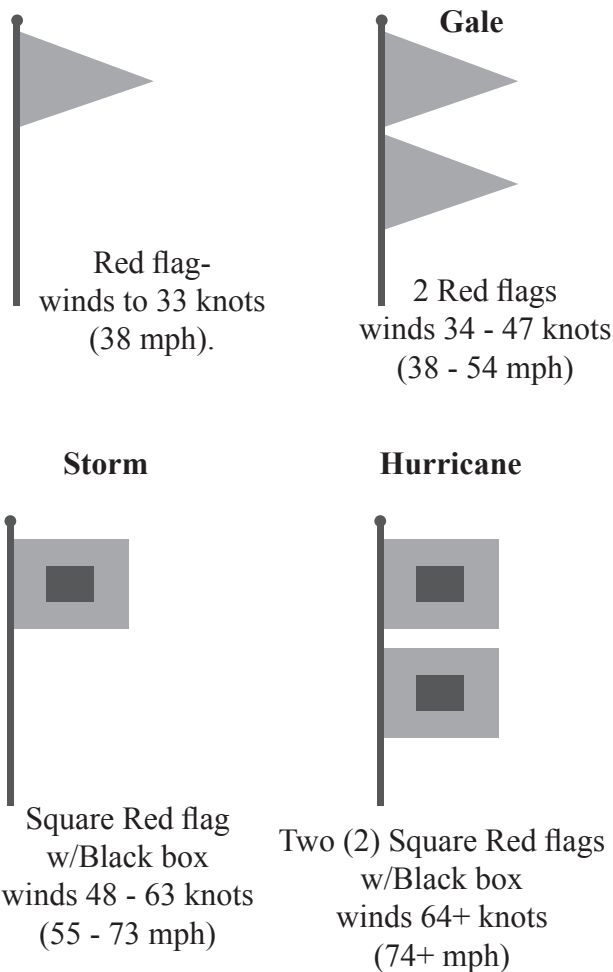
## ⚠ WARNING

**A sudden change in wind direction or speed or an increase in wave height indicates deteriorating weather.**

## NOTICE

**Check the weather forecast and water conditions before leaving and while underway**

Weather Warning Penanats  
Fig. 1.13.1



- If a storm approaches, immediately seek a safe harbor.
- If a storm hits have everyone sit in the cabin or cockpit deck in the boat. Head the bow into the wind with enough power to maintain slow headway.

- If you encounter fog, determine your position, set a safe course, slow down and alert other boats of your presence with a sound signal.
- If a lightning storm approaches, the safest action is to dock and disembark. If you cannot return to shore, have passengers go inside the cabin and remain there until the storm passes.
- Stay out of the water during a lightning storm. If caught swimming during a storm, get back into the boat and remain there until the storm passes. (remember that lightning can strike several miles away from the storm itself. Be aware of the storms location relative to your location and the direction the storm is moving).

## Swimming, Diving & Water Skiing

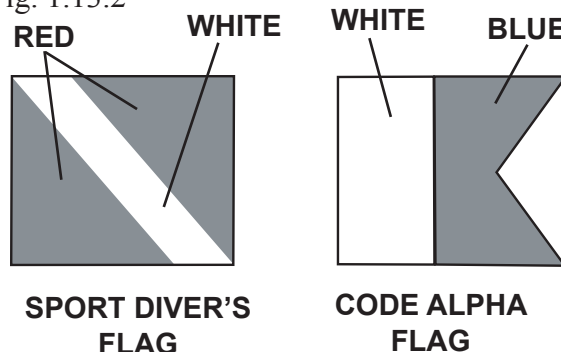
### Swimming

- Do not swim from a moving boat.
- Many areas prohibit swimming from a boat except in designated areas.
- Turn off engine in gear (to prevent propeller “windmilling”) before picking up swimmer.

### Diving

Recognize and respect diving flags. Keep at least 30 meters (100 ft.) away.

Diver's Flags  
Fig. 1.13.2



**SPORT DIVERS FLAG**-Red flag with diagonal white stripe marks a diver in the water.

**CODE ALPHA FLAG**-Blue and white pennant designates boat being used in dive operations.

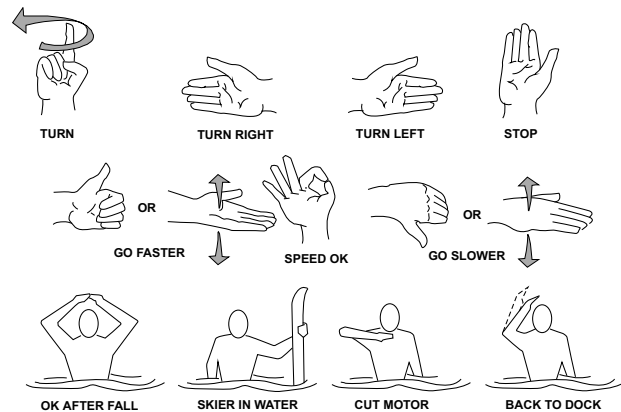
## Water Skiing

- Always have two persons in the boat, one at the controls and one who can easily and continuously look at the skier.
- Insist that anyone who water skis must know how to swim.
- Insist that skiers wear approved Personal Flotation Devices (PFD's)
- Ski only in daylight when visibility is good.
- Never drive the boat directly behind a water skier. At 22 knots (25 m.p.h.), it takes only 5 seconds to overtake a fallen skier who was 60 meters (200 feet) in front.
- Ski only in areas where skiing is permitted.
- Observe local restrictions on length of tow line.
- Learn the signals to communicate with a skier. The skier is to control the boat through hand signals (Figure 1.14.1).
- Your boat will handle differently while towing a skier. Experiment carefully to learn the difference.
- Skiers may start from the shore or dock, if boat traffic allows. When returning, pick up skiers from water. Do not ski back to shore or dock.
- Give immediate attention to fallen skiers.
- Keep a downed skier in sight and on the operator's side of the boat when approaching the skier. **Never back up to anyone in the water.**
- Turn off engine in gear (to prevent propeller "windmilling") before picking up skier.
- If the skier suddenly releases the tow rope, it can backlash into cockpit. Spotters who are watching the skier must be aware of this fact and be prepared to take appropriate action to avoid injury.

## Water Skiing Signals

### Skiing Signals

Fig. 1.14.1



**Turn** – Arm raised, circle with index finger extended.

**Turn Right** – Extend arm out from body to the right.

**Turn Left** – Extend arm out from body to the left.

**Stop** – Raise arm with palm vertical and facing forward.

**Faster** – Thumb pointed up or palm up, move hand up and down.

**Speed OK** – Raise arm and form a circle with thumb and index finger.

**Slow Down** – Thumb pointed down or palm down, move hand up and down.

**OK After a Fall** – Clasp hands together overhead.

**Skier in Water** – Extend one ski vertically out of water.

**Cut Motor** – Draw finger across throat.

**Back to Dock** – Pat top of head.

## **WARNING**

### **SWIMMING/DIVING HAZARD**

- Keep clear of areas designated only for swimmers and skin divers. Recognize markers used for such areas.
- Never swim when there is lightning in the area.

### **SKIING HAZARDS**

- Skiers must use a safety approved Personal Flotation Device (PFD).
- Ski only during daylight and in good visibility.
- Avoid shallow water, other boats, navigational aids and other obstructions.
- Keep at least 30 meters (100 ft.) from other objects.
- Never drive directly behind a water skier.
- A competent observer must watch the skier at all times. A competent observer is a person that has the ability to assess when a skier is in trouble, knows or understands water skiing hand signals and is capable of helping a skier.
- Keep a downed skier in constant sight.
- Turn off engine in gear before you get close to person in the water.
- Never back up to anyone in the water.
- Use caution in boat when skier is being towed. Sudden release of tow rope can cause it to backlash into the cockpit.

### **PERSONAL INJURY HAZARD**

Use transom tow ring only to pull water skiers. Unless specified by the manufacturer, any other use, such as parasailing, kite flying, towing other boats, etc. may create too much stress on the tow ring, resulting in personal injury and/or equipment damage.

## **DANGER**

### **PROPELLER SAFETY**

- Before starting your boat, walk to the stern and look in the water to assure there is no one near your propeller.
- People near propeller may not be visible from helm.
- NEVER allow passengers to board or exit your boat from the water when engines are on.
  - Educate passengers about the dangers of propellers
  - Be especially alert when operating in congested areas. NEVER enter swimming zones.
  - Take extra precautions near boats that are towing skiers or tubers.
  - NEVER permit passengers to ride on the bow, gunwale, transom, seatbacks, or other locations where they may fall overboard.
  - STOP! if someone falls overboard. Slowly turn the boat around, and keep the person in sight as you approach. Turn your engine off FIRST and then bring the person aboard.
  - NEVER reverse your boat to pick someone up out of the water.

## Ignition Shutdown Safety Switch

### WARNING

**Wear the lanyard at all times when operating the boat. Use it to stop only in an emergency. DO NOT use it to shut off the engine during normal operation**

Your boat is equipped with an ignition shutdown safety switch. The switch is located below the gear shift/throttle control unit. The ignition shut down safety switch incorporates a shut-off switch, switch clip, lanyard and lanyard clip, which is clipped to the operator when running.

If an emergency arises and the engine must be shut down, a pull on the cord to release the clip from the shut-off will shut off the engine.

This switch is designed to shut the engine off when the operator of the boat leaves the control station, either accidentally by falling into the boat, or by being ejected overboard. This would most likely occur as a result of poor operating practices.

The lanyard should be long enough to prevent inadvertent activation. Do not let the lanyard become entangled.

Accidental loss of power can be hazardous, particularly while docking or in heavy seas, strong current or high winds. Passengers and crew may lose balance and the boat may lose steering control.

Should the operator fall out of the boat at planing speed, it may take several seconds for the engine and propeller to stop turning. The boat may continue to coast for several hundred feet, causing injury to anyone in its path.

## Float Plan

Float plans are important to you should you encounter problems on the water. A float plan should contain a description of your boat along with any distinguishing features. It should describe where you will be boating, your departure time and estimated return. The number and names of passengers, and destination should also be noted.

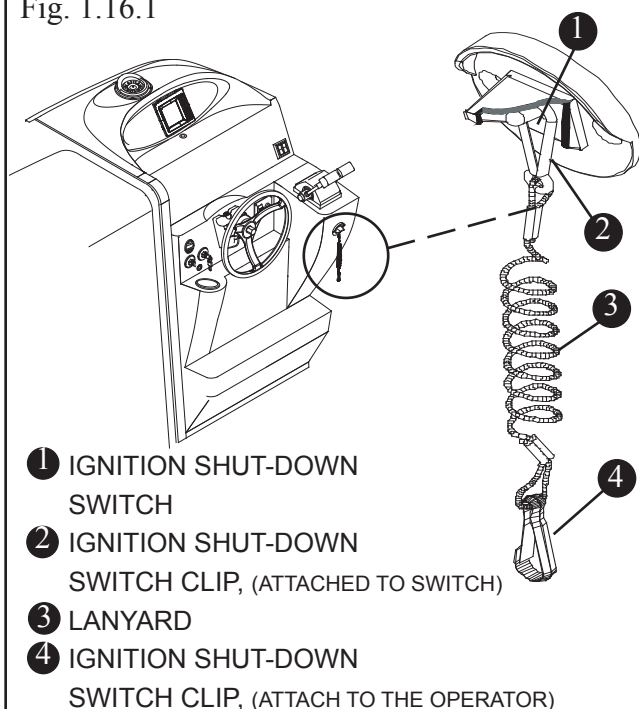
The float plan should be given to a friend or relative, so they can give the information to a national boating agency like the U.S. Coast Guard, in the event you do not return at the time specified on the float plan.

If there are any changes to the float plan they should be conveyed to the person holding the float plan. Once you return you should contact the person holding the float plan to let them know you are back.

## Chart Your Course

To avoid boating in unsafe areas where there are underwater obstructions, shallow water, unnavigable conditions such as dangerous currents, and others, you must chart a course. This means having and using National Oceanic and Atmospheric Administration (NOAA) charts for coastal waters, observing and understanding all navigational aids, using the knowledge and guidance of experienced boaters, and being aware of the tides and times where appropriate. If you are boating in an area you are unfamiliar with, proceed with caution and post a lookout to watch for hazards.

Emergency Engine Stop Switch  
Fig. 1.16.1



### **WARNING**

**Hitting an object in or under the water or boating in dangerous currents can cause serious injury or death to occupants in the boat.**

**You must know where the hazards are and avoid them. In uncharted waters, boat very slowly and post a lookout.**

**If an object is struck or if you run aground:**

- **Shut the engine OFF**
- **Check the hull for damage**
- **Check propeller for damage**
- **If aground, consider the bottom grade before moving off, (damage to the hull and propellers could be worsened).**
- **Determine the tides and whether it will help or hinder you from the grounding.**
- **Do not have anyone other than a trained and competent service tow your boat.**

## Environmental Considerations

### Fuel & Oil Spillage

Regulations prohibit discharging fuel or oily waste in navigable waters. Discharge is defined as any action which causes a film, sheen or discoloration on the water surface, or causes a sludge or emulsion beneath the water surface. A common violation is

bilge discharge. Use rags or sponges to soak up fuel or oily waste, then dispose of it properly ashore. If there is much fuel or oil in the bilge, contact a knowledgeable marine service to remove it. Never pump contaminated bilge overboard. Help protect your waters.

### Excessive Noise

Many areas regulate noise limits. Even if there are no laws, courtesy demands that boats operate quietly.

### Wake / Wash

Power boat wakes can endanger people and vessels. Each power boat operator is responsible for injury or damage caused by the boat's wake. Be especially careful in confined areas such as channels or marinas. Observe "no wake" warnings.

### **WARNING**

**SPEED HAZARD - Watch your wake. It might capsize a smaller craft. You are responsible for damage caused by your wake.**

### **CAUTION**

**Reduce speed in congested waterway. Be alert for No Wake markers.**

### Homeland Security Restrictions

Recreational boaters have a role in keeping our waterways safe and secure. Violators of the restrictions below can expect a quick and severe response.

- **DO NOT** approach within 100 yards, and slow to minimum speed within 500 yards of any U.S. Naval vessel. If you need to pass within 100 yards of a U.S. Naval vessel for safe passage, you must contact the U.S. Naval vessel or the Coast Guard escort vessel on VHF-FM channel 16.

#### **DANGER**

**DO NOT approach within 100 yards of any U.S. Naval vessel without first contacting the vessel on VHF-FM channel 16. To do so will result in a quick and severe response.**

- Observe and avoid all security zones. Avoid commercial port areas, especially those that involve military, cruise line or petroleum facilities. Observe and avoid other restricted areas near dams, power plants, etc.
- **DO NOT** stop or anchor beneath bridges or in channels.

### America's Waterway Watch

In March, 2005, the U.S. Coast Guard officially launched *America's Waterway Watch* to encourage the boating public to report suspicious activities in our nation's ports and waterways. *America's Waterway Watch* simply asks anyone who works, lives, or recreates on the water to keep an eye out for suspicious activities. Anyone who spots such activity is asked to call the National Response Center's 24-hour hotline, 800-424-8802 or 877-24WATCH (877-249-2824).

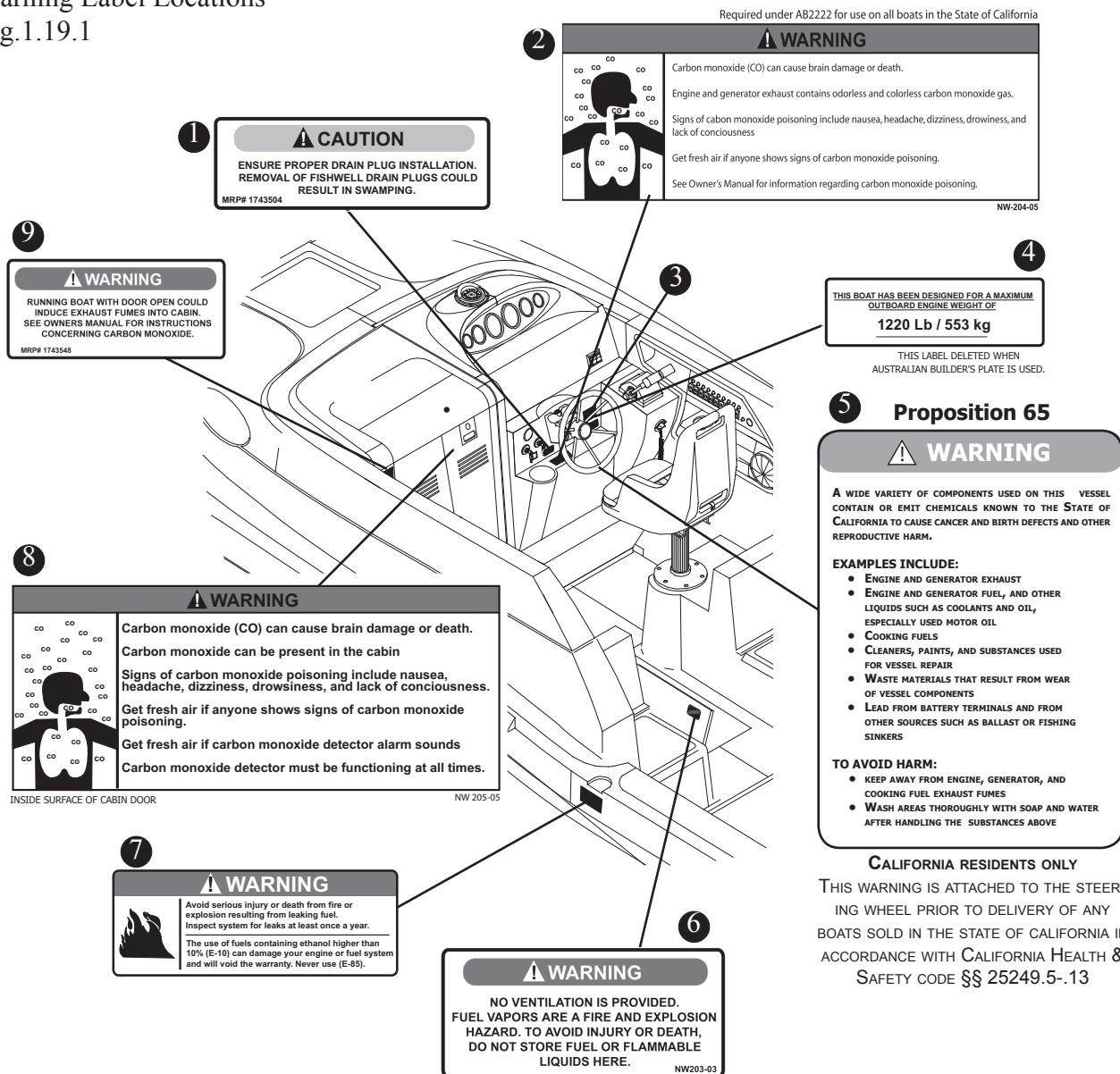
### Warning Label Locations

Mounted at key locations throughout the boat (See figure 1.19.1), warning labels advise the owner/operator of imperative safety precautions to follow when operating and/or servicing equipment. **DO NOT REMOVE OR OBSTRUCT ANY WARNING LABEL.** Replace any label which becomes illegible.

## Warning Label Locations

### Warning Label Locations

Fig.1.19.1



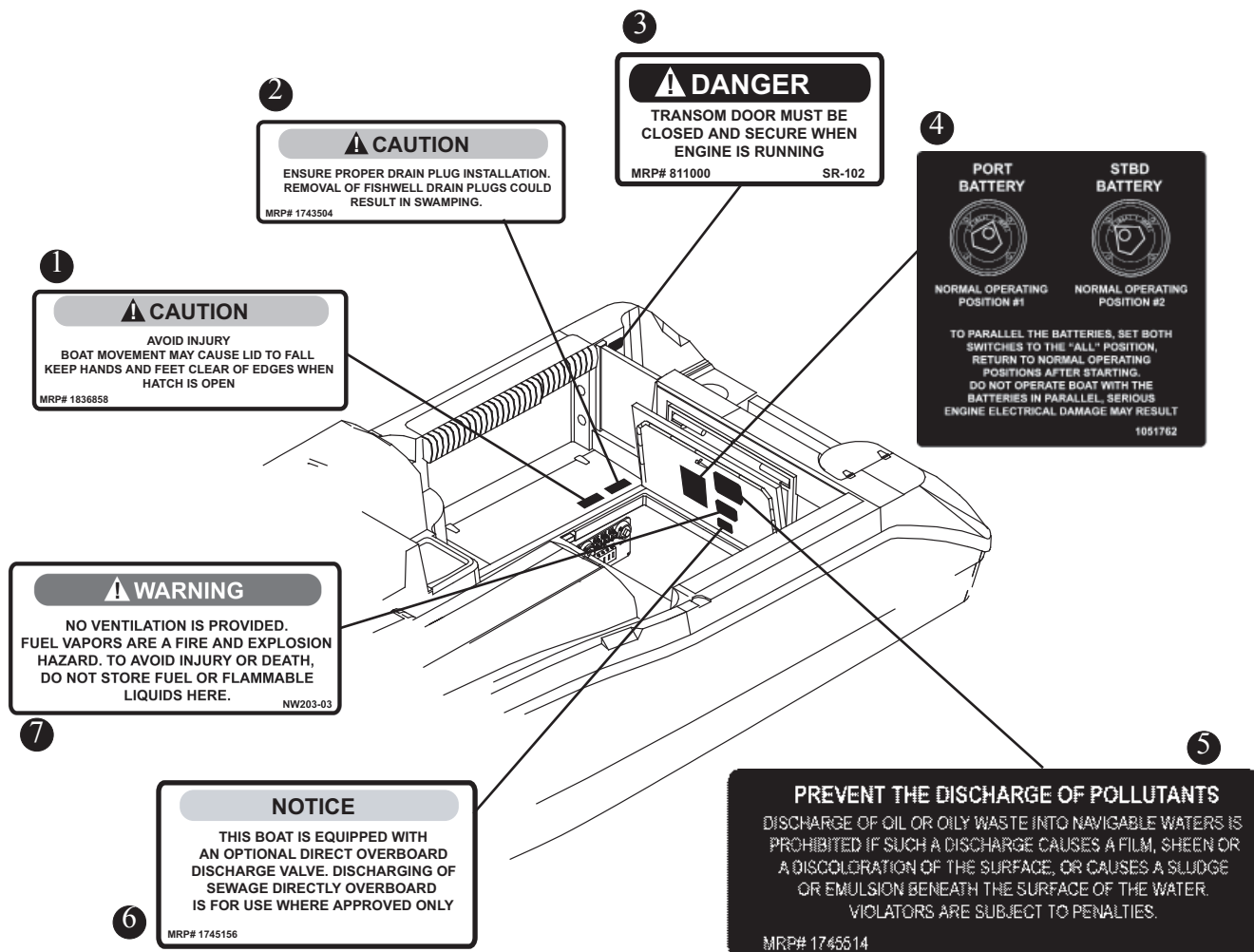
### Replacement Part No.

- |   |                                           |                 |
|---|-------------------------------------------|-----------------|
| 1 | CAUTION, FISHWELL DRAIN .....             | 1743504         |
| 2 | WARNING, CO HELM .....                    | 1811368         |
| 3 | MANUFACTURER'S CERTIFICATION .....        | (SEE FIG 2.2.1) |
| 4 | MAXIMUM ENGINE WEIGHT .....               | 1735929         |
| 5 | PROPOSITION 65 HANG TAG .....             | 1795087         |
| 6 | WARNING, FUEL STORAGE .....               | 1691003         |
| 7 | WARNING, FUEL HAZARD .....                | 995704          |
| 8 | WARNING, CO CABIN .....                   | 1812911         |
| 9 | WARNING, RUNNING BOAT WITH DOOR OPEN .... | 1743548         |

### NOTICE

It is important to replace any damaged or unreadable label. Call your Boston Whaler dealer for replacement labels.

Warning Label Locations  
Fig.1.20.1



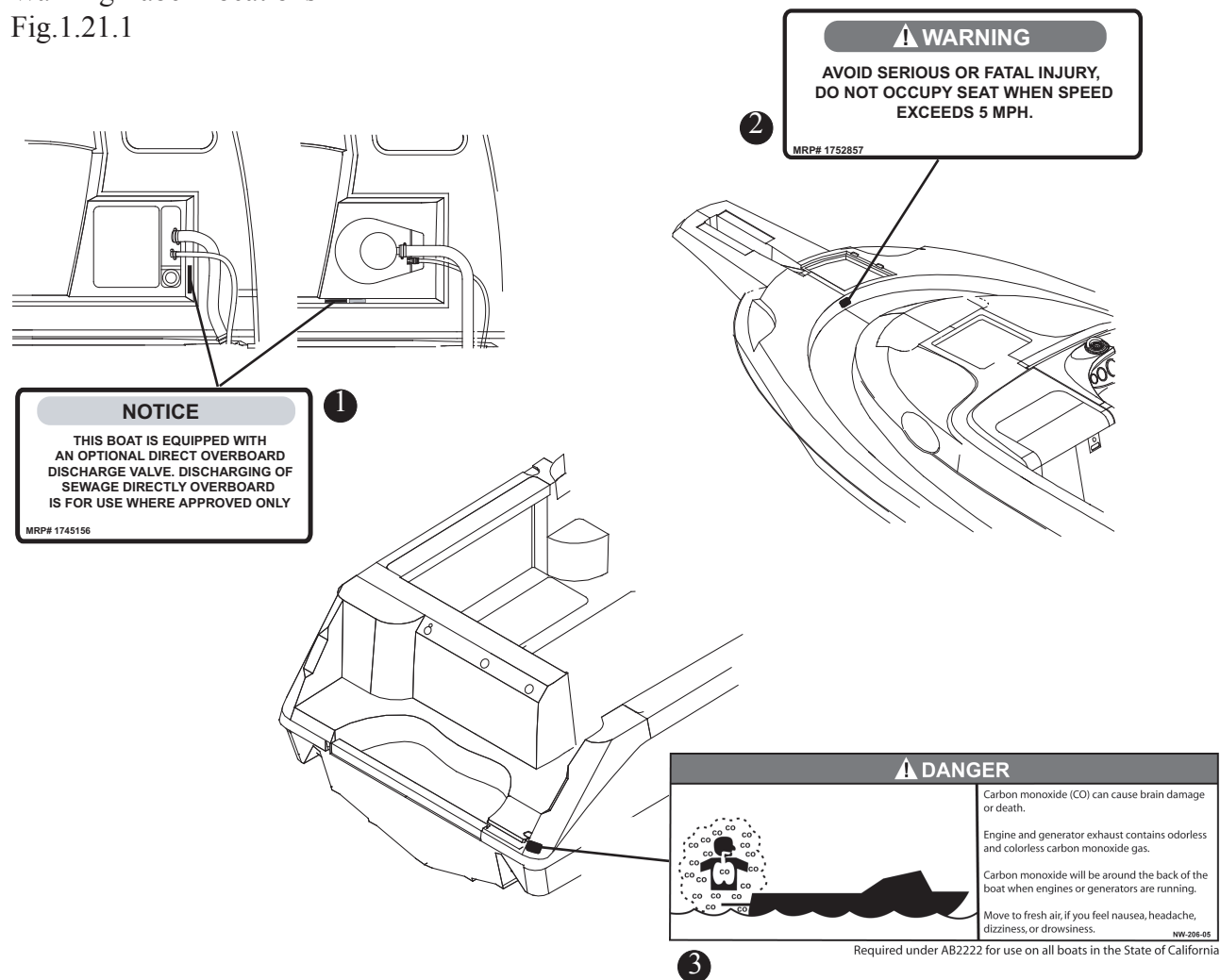
## Replacement Part No.

|   |                                       |         |
|---|---------------------------------------|---------|
| 1 | CAUTION, INJURY TO HANDS & FEET ..... | 1836858 |
| 2 | CAUTION, FISHWELL DRAIN .....         | 1743504 |
| 3 | WARNING, TRANSOM DOOR.....            | 1017144 |
| 4 | BATTERY PARALLEL LABEL .....          | 1051762 |
| 5 | DISCHARGE OF POLLUTANTS.....          | 1744737 |
| 6 | WARNING, OVERBOARD DISCHARGE .....    | 1745156 |
| 7 | WARNING, DO NOT STORE FUEL.....       | 1691003 |

## NOTICE

It is important to replace any damaged or unreadable label. Call your Boston Whaler dealer for replacement labels.

Warning Label Locations  
Fig.1.21.1



## Replacement Part No.

- |   |                                    |         |
|---|------------------------------------|---------|
| 1 | WARNING, OVERBOARD DISCHARGE ..... | 1745156 |
| 2 | WARNING, DO NOT OCCUPY SEAT .....  | 1752857 |
| 3 | DANGER, CO TRANSON .....           | 1811367 |

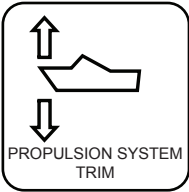
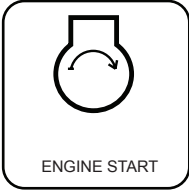
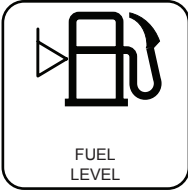
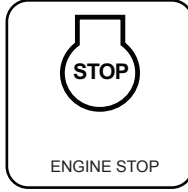
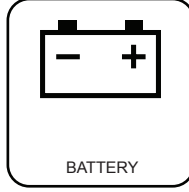
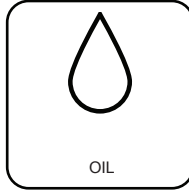
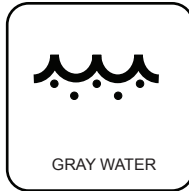
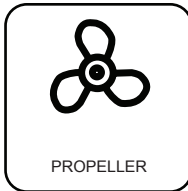
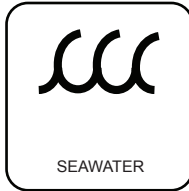
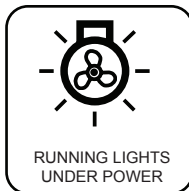
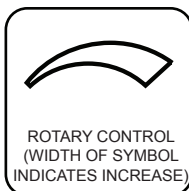
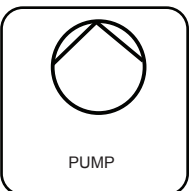
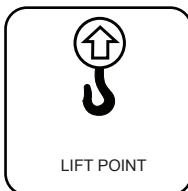
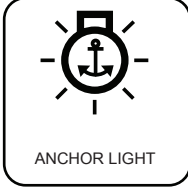
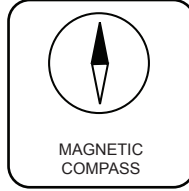
## NOTICE

It is important to replace any damaged or unreadable label. Call your Boston Whaler dealer for replacement labels.

## Section 1 • Safety

### Key to Symbols on Controls & Prints

Although not used in this manual, some of these symbols may be found on the controls, gauges, and hardware on your boat. This page is to help you understand what the symbols mean.

|                                                                                      |                                                                                       |                                                                                       |                                                                                      |                                                                                       |                                                                                       |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|     |      |      |    |    |    |
| PROPULSION SYSTEM TRIM                                                               | TRIM TAB TRIMMING OPERATION                                                           | ENGINE START                                                                          | WARNING ELECTRICAL HAZARD                                                            | FIRE RISK                                                                             | NO OPEN FLAME NO SMOKING                                                              |
|     |      |      |    |    |    |
| FUEL GENERAL                                                                         | FUEL LEVEL                                                                            | LEADED FUEL                                                                           | ENGINE STOP                                                                          | BATTERY                                                                               | OIL                                                                                   |
|    |    |    |    |    |    |
| UNLEADED FUEL                                                                        | FRESH WATER                                                                           | GRAY WATER                                                                            | PROPELLER                                                                            | SEAWATER                                                                              | WASTE PUMP OUT                                                                        |
|     |      |      |   |  |  |
| BILGE PUMP                                                                           | OUTBOARD DRIVE                                                                        | OUTBOARD DRIVE TILT                                                                   | LIFT POINT / SLING LOCATION                                                          | RUNNING LIGHTS UNDER POWER                                                            | ROTARY CONTROL (WIDTH OF SYMBOL INDICATES INCREASE)                                   |
|   |    |   |   |    |    |
| PUMP                                                                                 | SINGLE LEVER CONTROL                                                                  | LIFT POINT                                                                            | ANCHOR                                                                               | ANCHOR LIGHT                                                                          | INTERIOR LIGHT                                                                        |
|  |  |  |  | WINDSHIELD WIPER AND WASHER                                                           | MAGNETIC COMPASS                                                                      |

### Construction Standards

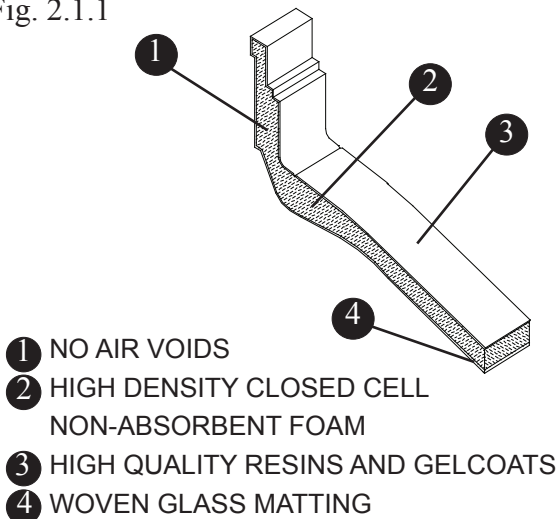
Boston Whaler® is dedicated to creating a superior product which will provide comfort, performance, safety and dependability. All of our boats comply with the safety standards set by the United States Coast Guard and are designed, engineered and manufactured in accordance with applicable recommendations and guidelines of the American Boat and Yacht Council (ABYC) and certified by the National Marine Manufacturers Association (NMMA).

### Our Hull

Boston Whaler® hulls are constructed with our patented Unibond™ construction process. This involves foam injection into a closed mold system where the foam expands to fill all voids in the hull. When the finished product is pulled from the mold, the hull and deck are chemically bonded to form a solid, inseparable unit.

#### Hull Construction

Fig. 2.1.1



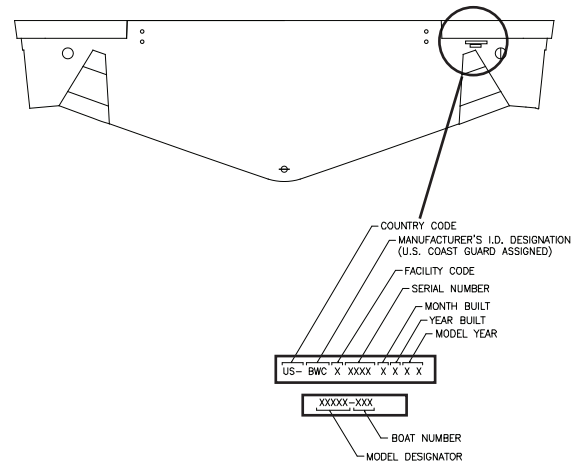
### Hull Identification Number

The “Hull Identification Number” is located on the starboard side of the transom.

This is the most important identifying factor and must be included in all correspondence related to your vessel. Also of vital importance are the engine serial numbers, part numbers, etc. when writing about or ordering parts for your engine.

#### Hull Identification Number (HIN)

Fig. 2.1.2



Record your HIN here:

### Servicing Your Boston Whaler

When your Whaler requires service or maintenance work, it should be taken to an authorized Boston Whaler® dealer.

To find a Boston Whaler® dealer in your area call: **1-800-942-5379** (Domestic/International).

In the unlikely event that a problem is not handled to your satisfaction, discuss any warranty related problems directly with the service manager of the dealership or your sales person. Give the dealership an opportunity to help the service department resolve the matter for you.

### Manufacturer's Certification

All boats must comply with federal regulations regarding maximum capacities. The certification plate (See figure 2.2.1) located on the port gunwhale opposite the operator's console indicates certification by the National Marine manufacturer's Association and in the case of international certification the sticker or plate indicates the maximum weight, number of persons, and horsepower your boat is rated to handle.

## Section 2 • General Information

The number of persons on board must be reduced if you go out in poor weather and rough water.

The information present on the certification plate does not relieve the operator from responsibility. Use common sense and sound judgement when placing equipment and/or passengers in your boat.

- Do not load to capacity in poor weather or rough water.
- The number of seats does not indicate how many people a boat can carry, especially in poor weather and rough water.
- Above idle speed, all passengers must be seated on the seats provided.

An **NMMA Certification** means that your Boston Whaler® has been judged by the National Marine manufacturers Association to be in compliance with applicable federal regulations and American Boat and Yacht Council standards.

A **Canada Conforming Sticker** means that your Boston Whaler® has been certified to comply with construction standards for small vessels by Transport Canada.

A **CE mark** means that your Boston Whaler® has been certified with applicable International Organization for Standardization directives.

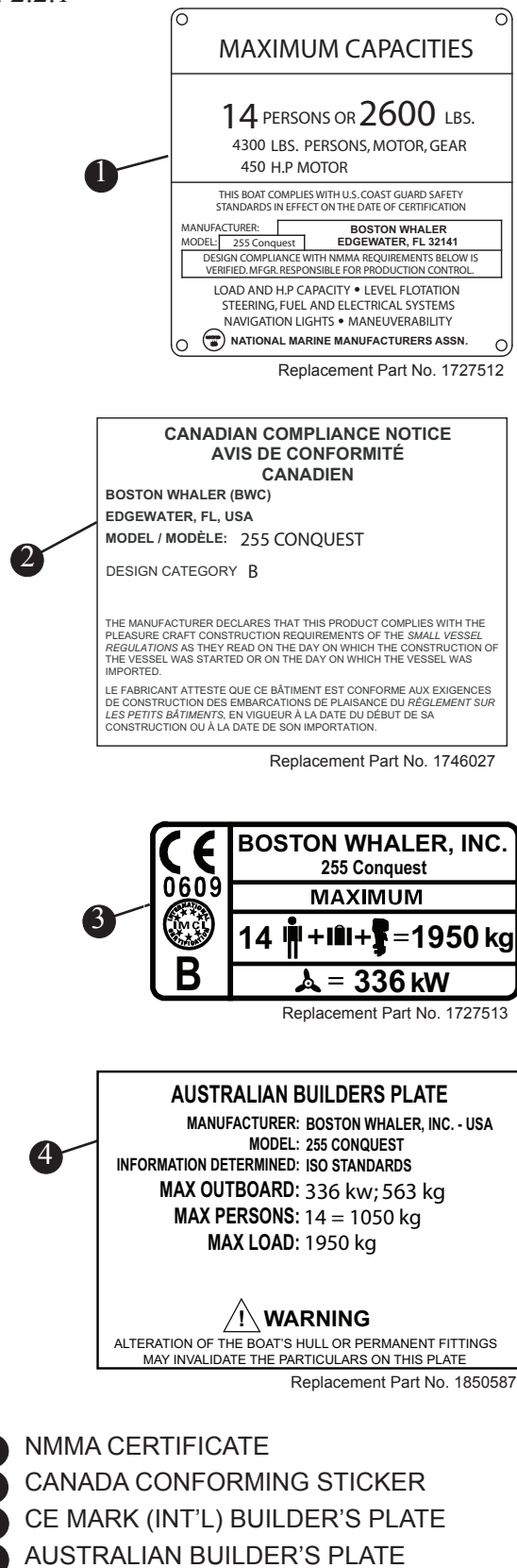
An **Australian Builder's plate** means that your Boston Whaler® has been certified to comply with safety standards set by the National Marine Safety Committee.

### ⚠ DANGER

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

### Certification Plates

Fig. 2.2.1



### CE Certification Design Category

**A (Ocean):** Designed for extended voyages where conditions may exceed wind force 8 on the Beaufort scale (47 mph and above) and significant wave heights of 4 meters (13.12 feet) and above, and vessels largely self-sufficient.

**B (Offshore):** Designed for offshore voyages where conditions up to, and including, wind force 8 (39-46 mph) and significant wave heights up to, and including 4 meters (13.12 feet) may be experienced.

**C (Inshore):** Designed for voyages in coastal waters, large bays, estuaries, lakes and rivers where conditions up to, and including, wind force 6 (25-31 mph) and significant wave heights up to, and including, 2 meters (6.56 feet) may be experienced.

**D (Sheltered waters):** Designed for voyages on small lakes, rivers and canals where conditions up to, and including, wind force 4 (13-18 mph) and significant wave heights up to, and including, 0.5 meters (1.64 feet) may be experienced.

The significant wave height is considered to be the primary factor for determining design category. Other parameters (e.g. meteorological) are descriptions of when these wave heights may be expected to occur. Refer to page 1-11 for weather information.

### NOTICE

**Your 255 Conquest is Design Category B**

### WARNING

**It is imperative that you follow the recommendations listed on your capacity plate regarding the maximum amount of weight your boat can safely carry.**

### Power Capacity

The certification plate, as well as “Specifications & Dimensions” on the following page has the maximum rated power listed for your boat. **DO NOT EXCEED THIS RATING.** The various engine types offered today are more powerful and require constant maintenance to stay at optimal performance. It is required of the owner/operator to read all information regarding safety features, warning notices and maintenance schedules for continued safe operation of the engine.

The engine on the 255 Conquest has been tested and proven to be best suited for general use under normal conditions and load.

If you are re-powering your Boston Whaler®, you should pay particular attention to the maximum/minimum horsepower and maximum safe engine weight load your Boston Whaler® boat is rated for.

**The 255 Conquest is designed for a maximum outboard engine weight of 1220 LBS (553 kg).**

### WARNING

**DO NOT Exceed the maximum engine power rating for your boat.**

**Use caution while accelerating. Make sure passengers are safely seated in designated areas of the boat and all gear is stowed securely.**

### NOTICE

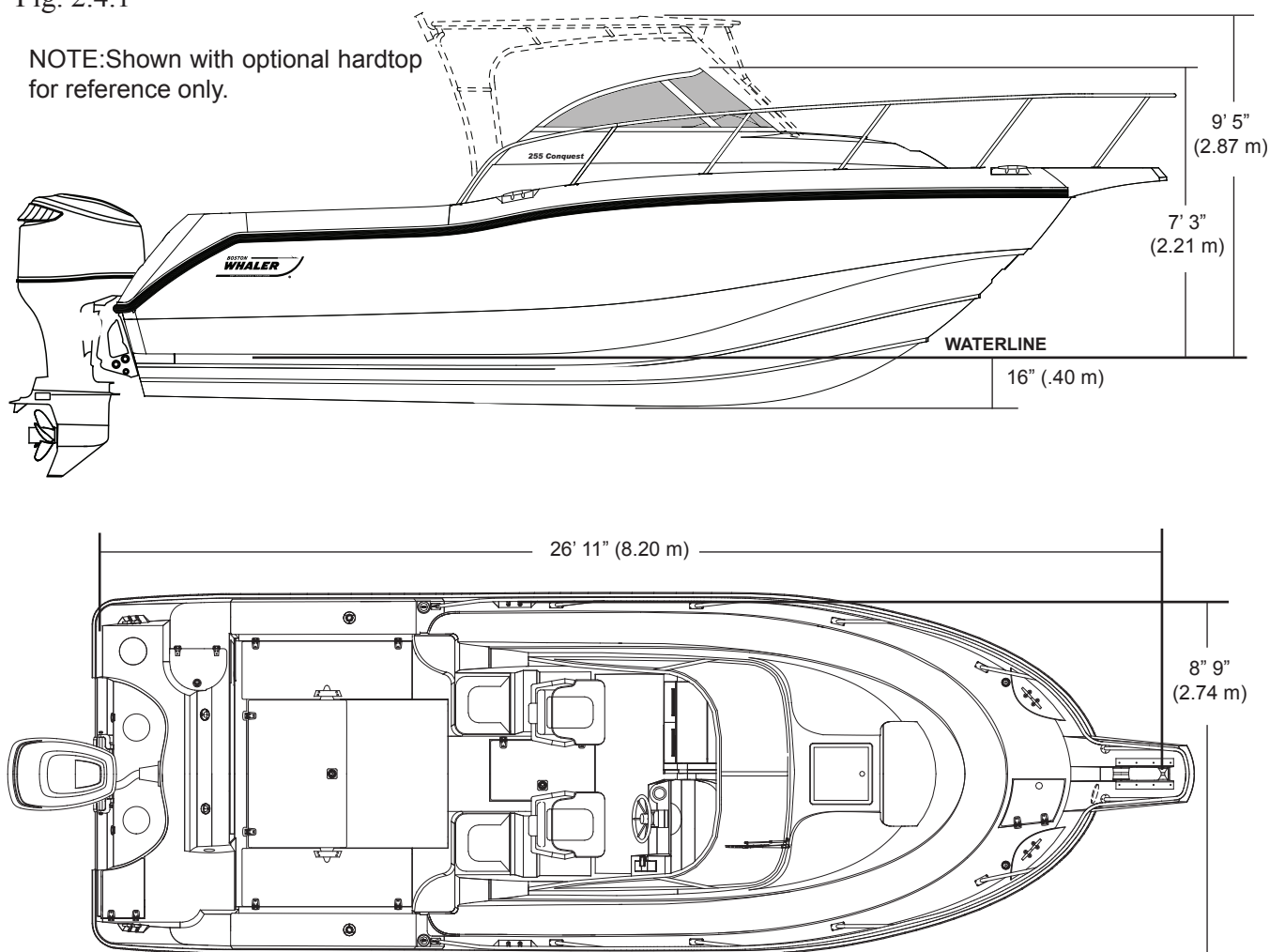
**Always adjust the speed and direction of the craft to the varying sea conditions.**

## Section 2 • General Information

### Dimensions & Clearances

Fig. 2.4.1

NOTE: Shown with optional hardtop for reference only.



### Specifications & Dimensions

(Specified measurements are approximations and are subject to variance.)

|                                         |           |         |                                            |           |         |
|-----------------------------------------|-----------|---------|--------------------------------------------|-----------|---------|
| Overall Length                          | 26' 11"   | 8.20 m  | Swamped Capacity                           | 6100 lbs  | 2766 kg |
| Trailerable Length                      | 31' 0"    | 9.44 m  | Maximum Engine Weight                      | 1220 lbs. | 553 kg  |
| Bridge Clearance                        | 9' 5"     | 2.87 m  | Maximum Weight,                            | 4300 lbs  | 1950 kg |
| Bridge Clearance (no top)               | 7' 3"     | 2.21 m  | (passengers, engine(s), gear) <sup>3</sup> |           |         |
| Beam                                    | 8' 9"     | 2.74 m  | Persons                                    | 14        |         |
| Boat on Trailer (No top) <sup>1</sup>   | 10' 3"    | 3.12 m  | Maximum Horsepower                         | 450 HP    | 336 kw  |
| Boat on Trailer (With top) <sup>1</sup> | 11' 6"    | 3.51 m  | Minimum Horsepower                         | 225 HP    | 168 kw  |
| Draft, (boat only) <sup>2</sup>         | 16"       | .40 m   | Fuel Capacity                              | 150 gal.  | 568 L   |
| Weight (dry, no engine)                 | 4900 lbs. | 2222 kg | Water Capacity                             | 20 gal.   | 76 L    |

<sup>1</sup> This is an approximate measurement. The true height of your boat on your trailer is dependent on a number of variables (i.e. bunk adjustment, bunk padding, tire pressure, etc.)

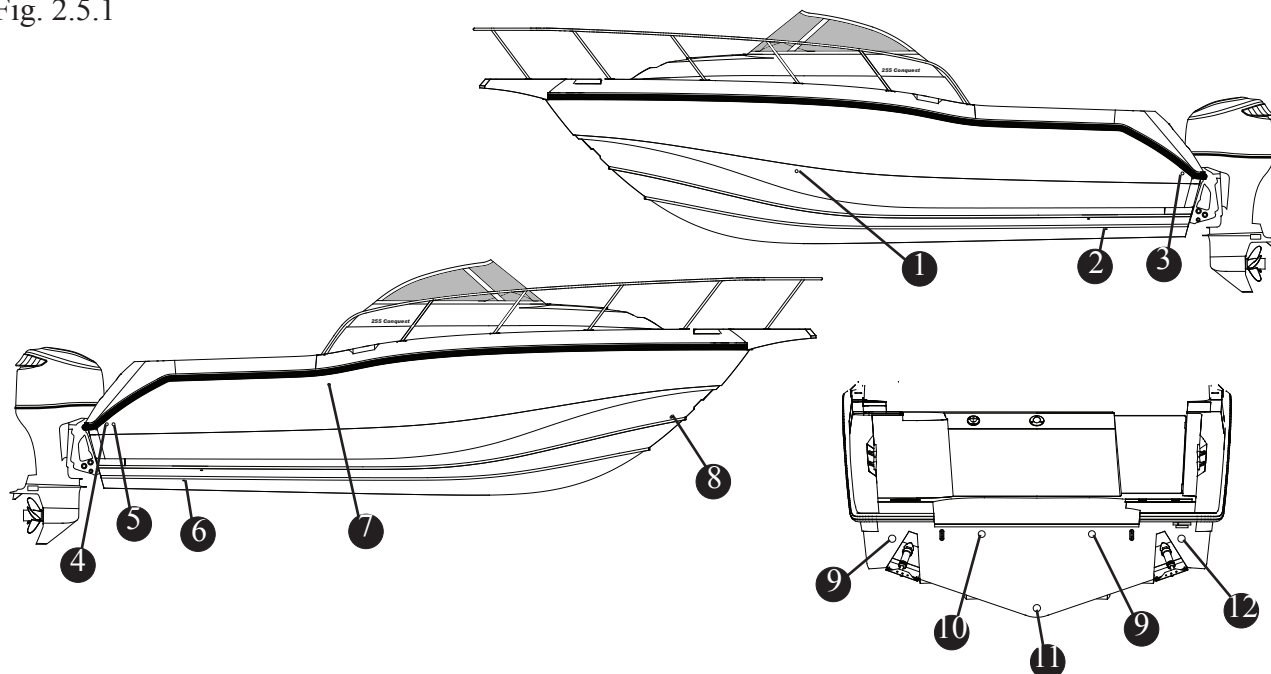
<sup>2</sup> Optional equipment and loading of the boat will affect the draft measurements. Follow the recommendations regarding the maximum amount of weight your boat can safely carry.

<sup>3</sup> Exceeding this weight will affect the boat's performance. **DO NOT** Exceed the weight listed.

### Location of Thru-Hull Fittings

#### Thru-Hull Fittings

Fig. 2.5.1



- ① CABIN SINK DRAIN
- ② MACERATOR PUMP (OPTION)
- ③ PORT FISHBOX PUMPOUT
- ④ STARBOARD FISHBOX DRAIN
- ⑤ 1100 GPH BILGE PUMP
- ⑥ RAW WATER INTAKE

- ⑦ WASTE SYSTEM VENT
- ⑧ ANCHOR LOCKER DRAIN
- ⑨ DECK & LIVEWELL DRAIN
- ⑩ MOTOREWELL DRAIN
- ⑪ GARBOARD DRAIN
- ⑫ DECK DRAIN

### NOTICE

- The deck drain provides self-bailing capabilities while the boat is static in the water and no passengers on board. This feature prevents the accumulation of water in the cockpit.
- Through hull fittings should be checked for proper seal annually. When the boat is in the water the underwater fittings can be checked for dripping. It is recommended that the underwater fittings be removed, cleaned and resealed every other year.
- If the through hull fittings need to be replaced, it is recommended that an authorized Boston Whaler® dealer perform this type of repair. Through hull fittings that are improperly installed can cause premature hull failure and may void the Boston Whaler® limited warranty.
- Depending on the type of boat you have, you may have underwater fittings that need drain plugs. Garboard drain plugs and fishbox drain plugs need to be in place before the boat goes into the water. Any fitting that will be underwater needs to be plugged or the seacock needs to be closed
- A standard 1" "Snap-Tite" plug can be used to replace the drain plug(s) in your boat. It is recommended that you carry spare plugs to be used in the event that the drain plug(s) become lost or damaged.

### Passenger Areas

Deck Occupancy

Fig. 2.6.1

#### Working deck:



This area is intended for occupation **ONLY** while mooring, anchoring, loading/unloading or when the boat is at rest.

**NEVER** operate the engine while loading or unloading swimmers/divers from the swim platform/ladder.

#### Accommodation deck:



This area of the boat is inside the cockpit and includes helm seating. Movement in this area should be done with

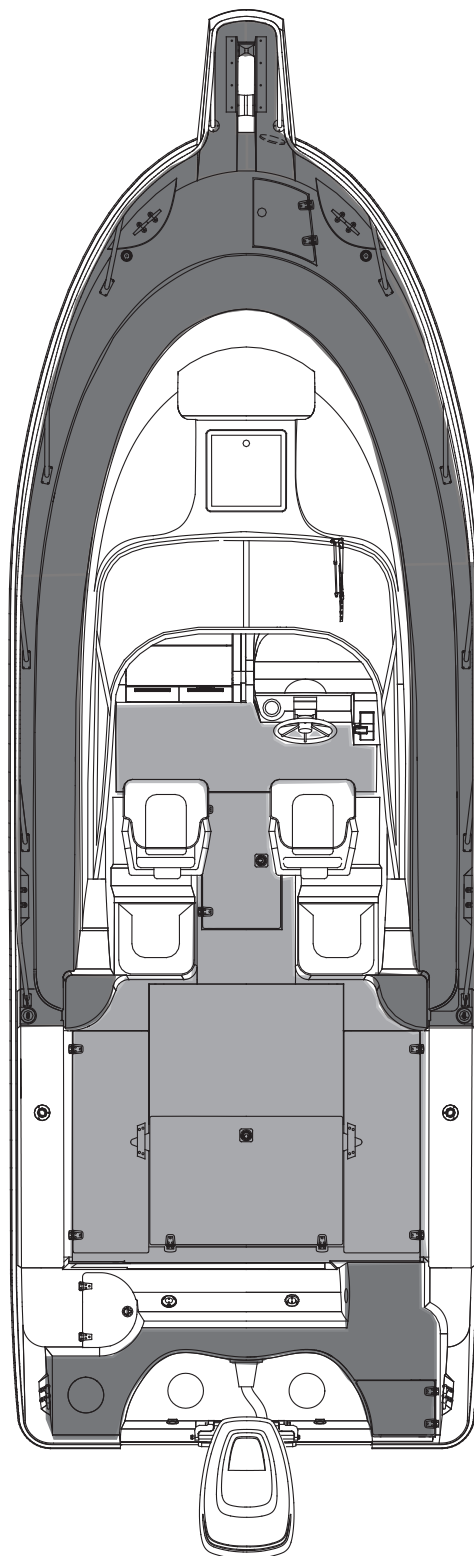
extreme caution while the boat is underway. A sudden shift in boat direction can cause a loss of balance and lead to injury or death.

#### DANGER

Be aware of your footing while the boat is underway, slipping or falling could result in serious injury or death, especially if the boat is in motion or in rough seas. Keep the accommodation deck clean, so if movement is necessary it will be free of obstruction.

#### WARNING

- Gelcoat surfaces are slippery when wet. Use extreme caution when walking on wet surfaces.
- Never occupy the working decks while the boat is underway.
- Use care when waxing to ensure that walkways are not made dangerously slippery.

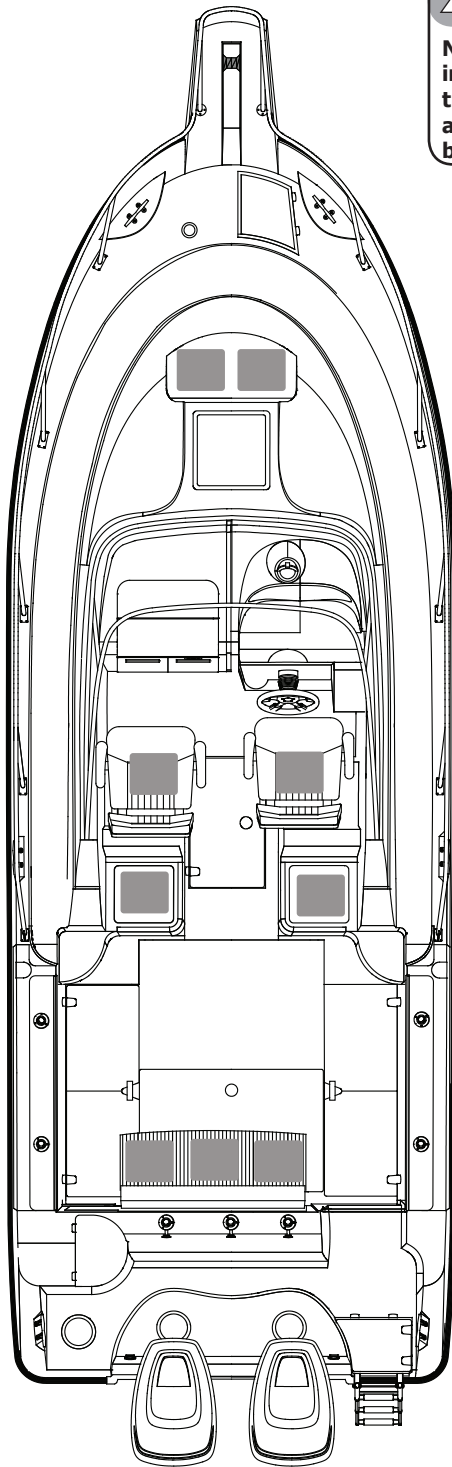


### Recommended Passenger Locations

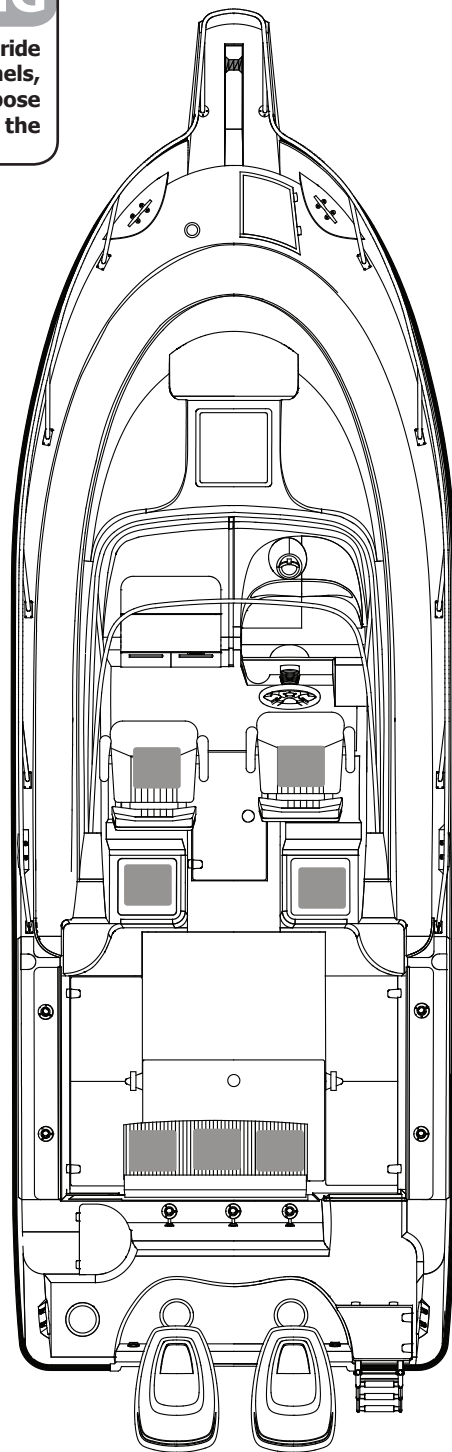
#### Recommended Seating & On-Plane Locations

Fig. 2.7.1

**⚠ WARNING**  
**NEVER** allow passengers to ride in an area (i.e. bow, gunnels, transom, etc.) that will pose a hazard to themselves or the boat.



RECOMMENDED ON-DECK SEATING  
while moored, at idle or at speed under 5 mph



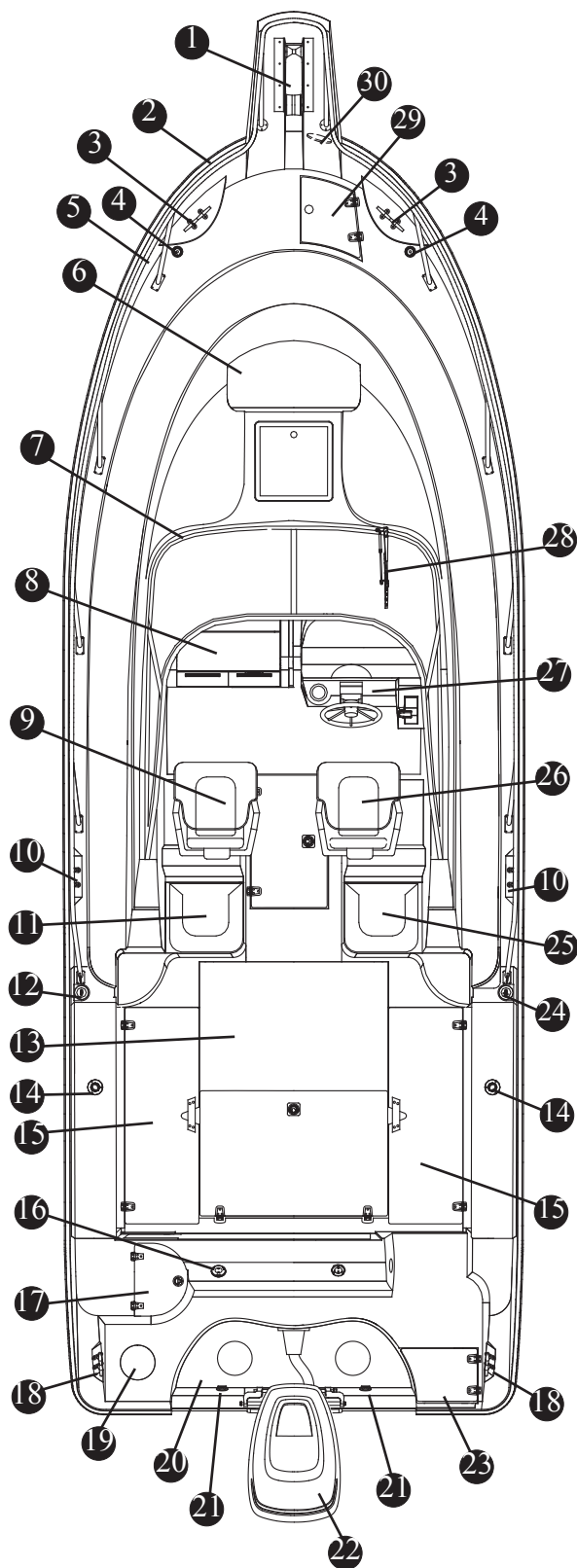
RECOMMENDED ON-PLANE  
LOCATIONS

### General Layout

General Layout, Exterior  
Fig. 2.8.1

- 1 ANCHOR ROLLER
- 2 HEAVY DUTY RUB RAIL
- 3 FORWARD CLEAT (P&S)
- 4 BOW NAVIGATION LIGHT (P&S)
- 5 STAINLESS STEEL BOW RAIL
- 6 FORWARD SEATING WITH CUSHION
- 7 ALUMINUM FRAMED WINDSHIELD
- 8 LOCKABLE CABIN ENTRY DOOR
- 9 ADJUSTABLE COMPANION SEATING
- 10 SPRING CLEAT (P&S)
- 11 PASSENGER SEATING WITH STORAGE UNDER
- 12 FUEL FILL
- 13 SELF BAILING COCKPIT
- 14 GUNWALE MOUNTED RODHOLDERS (2) (P&S)
- 15 FISHBOX WITH DRAIN
- 16 FRESHWATER FILL
- 17 LIVEWELL
- 18 AFT CLEAT (P&S)
- 19 DECK ACCESS PRY PLATE
- 20 MOTORWELL
- 21 MOTORWELL DRAIN
- 22 250 XXL DTS MERCURY VERADO 4-STROKE WITH SMARTCRAFT VESSELVIEW AND POWER ASSISTED STEERING\*
- 23 COVERED TELESCOPING SWIM LADDER
- 24 WASTE DOCKSIDE PUMPOUT
- 25 PASSENGER SEATING WITH COOLER UNDER
- 26 ADJUSTABLE HELM SEAT
- 27 CONSOLE (SEE FIG. 2.8.1)
- 28 WINDSHIELD WIPER
- 29 ANCHOR LOCKER
- 30 HORN (UNDER PULPIT)

\* Optional Engine Availability  
DUAL 200 CXL L4 DTS VERADO 4-STROKE MERCURY  
300 XXL L6 DTS VERADO 4-STROKE MERCURY

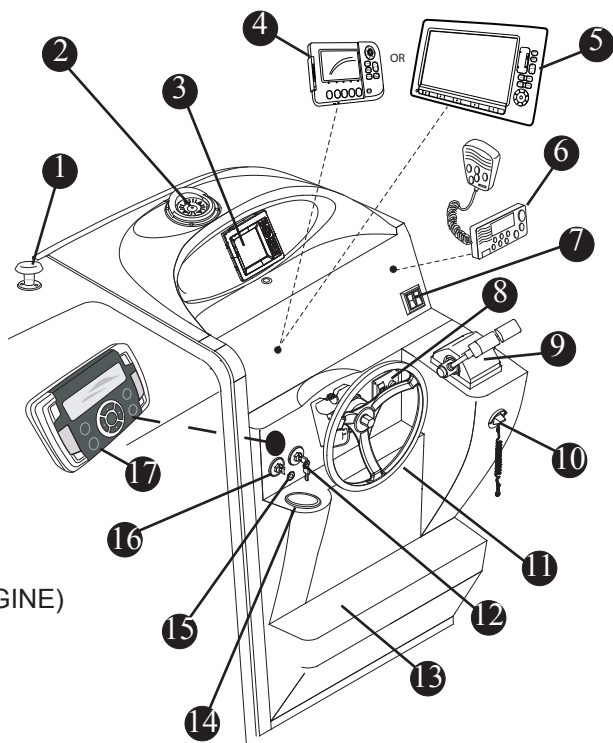


## Section 2 • General Information

### General Layout, Control Station

Fig. 2.9.1

- ① SIRIUS® SATELLITE ANTENNA (OPTION)\*
- ② MAGNETIC COMPASS
- ③ SMARTCRAFT™ VESSELVIEW
- ④ RAYMARINE A70D 6.4" SCREEN (GPS, CHARTPLOTTER, FISHFINDER) (OPTION)\*\*
- ⑤ RAYMARINE C90W 9" SCREEN (GPS, CHARTPLOTTER, FISHFINDER) (OPTION)\*\*
- ⑥ RAYMARINE RAY55 VHF RADIO\*\*
- ⑦ TRIM TAB CONTROL PAD
- ⑧ ANCHOR WINDLASS CONTROL PAD (OPTION)
- ⑨ GEAR SHIFT/THROTTLE CONTROL
- ⑩ EMERGENCY ENGINE SHUTDOWN SWITCH
- ⑪ STEERING WHEEL
- ⑫ IGNITION SWITCH (STARBOARD OR SINGLE ENGINE)
- ⑬ MOLDED FOOTREST
- ⑭ CUPHOLDER
- ⑮ MP3 RECEPTACLE (OPTION) (SEE PAGE 3-20)
- ⑯ IGNITION SWITCH (DUAL ENGINE OPTION)
- ⑰ CLARION® AM/FM DIGITAL STEREO CONTROL (OPTION)



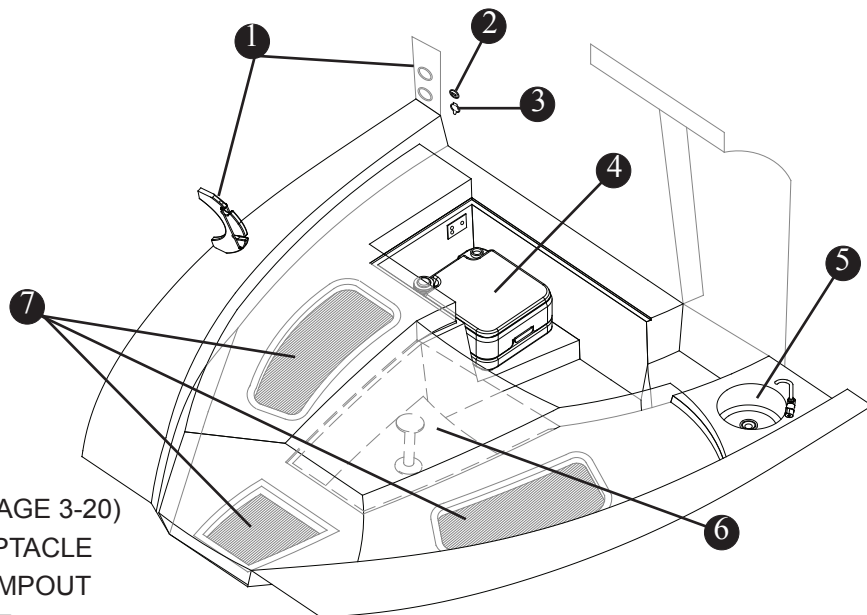
\* Must select Sirius® satellite radio or navigation package with satellite weather

\*\* Must select choice of navigation package

### General Layout, cabin

Fig. 2.9.2

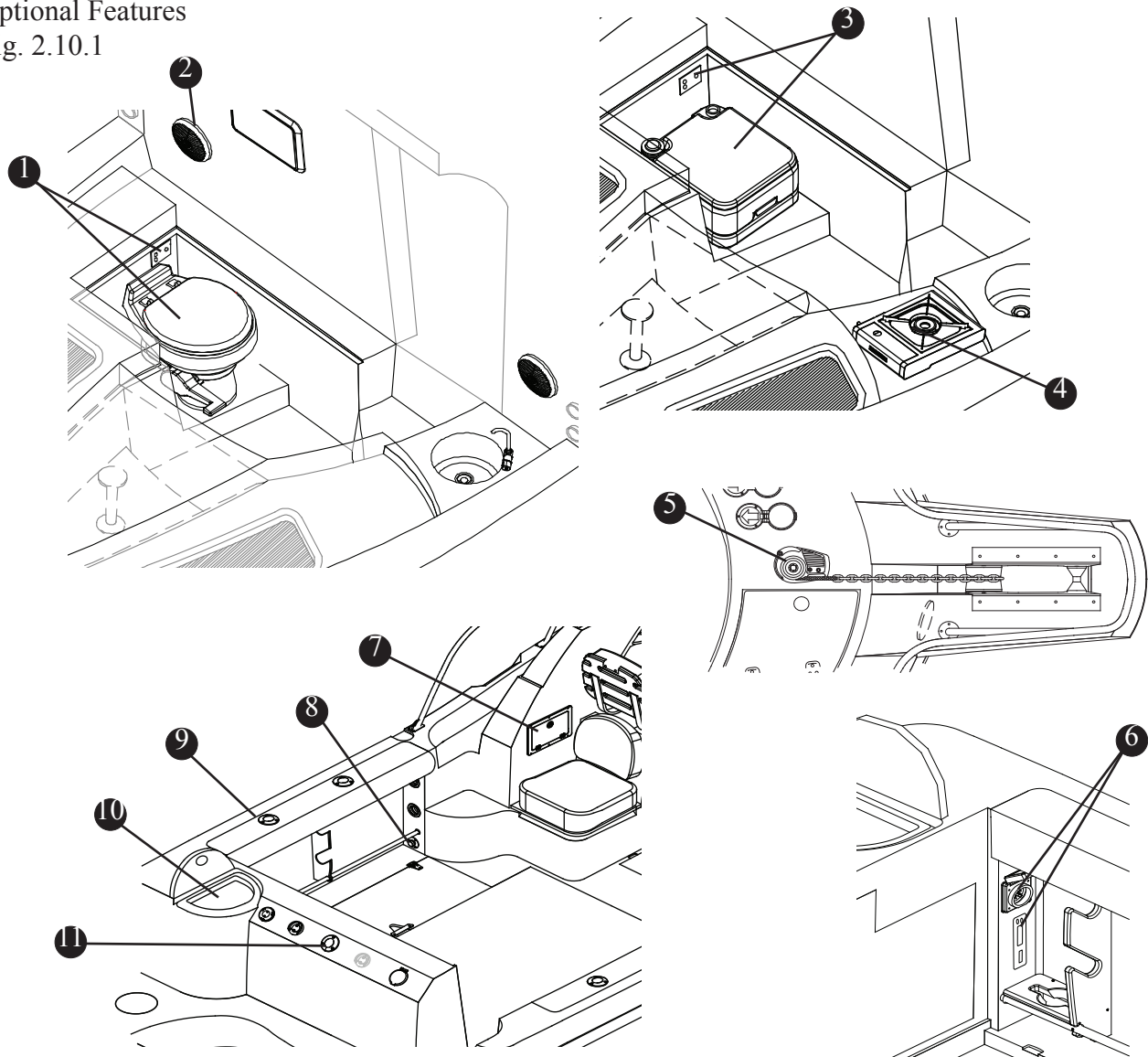
- ① ROD RACK (P&S)
- ② USB INPUT (OPTION) (SEE PAGE 3-20)
- ③ 12 VOLT ACCESSORY RECEPTACLE
- ④ PORTA-POTI WITH DECK PUMPOUT
- ⑤ WET BAR SINK WITH FAUCET
- ⑥ TABLE WITH ADJUSTABLE PEDESTAL \*\*
- ⑦ CABIN CUSHIONS WITH BACKRESTS AND STORAGE UNDER



\*Must choose stereo option

\*\* Comes with filler cushion for berth

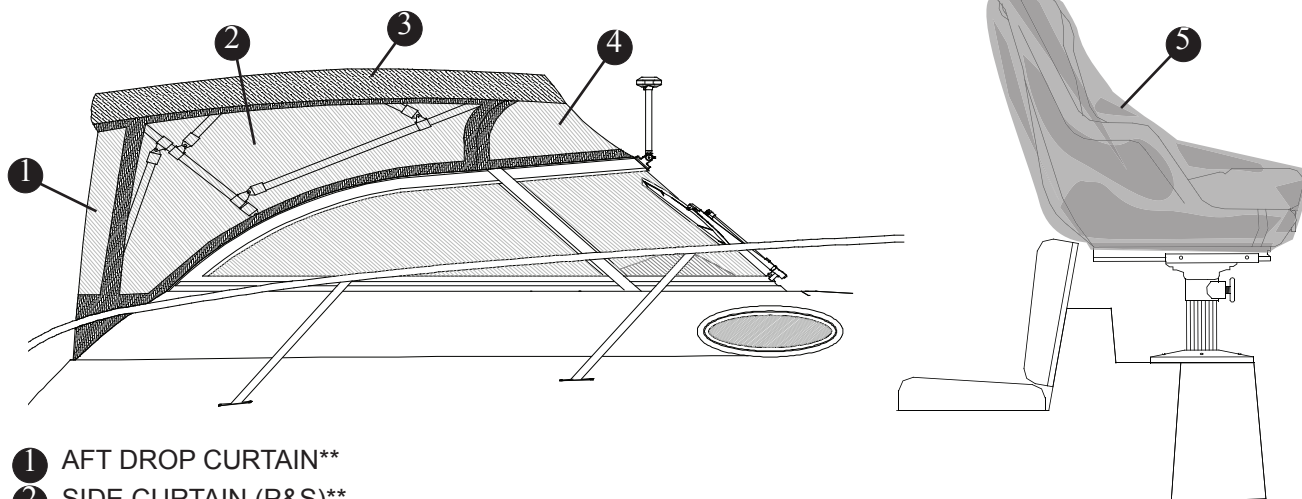
Optional Features  
Fig. 2.10.1



- ① VACU-FLUSH® HEAD WITH HOLDING TANK, DOCKSIDE
- ② PUMP-OUT AND MACERATOR OVERBOARD DISCHARGE
- ③ PORTABLE HEAD WITH DOCKSIDE PUMPOUT AND MACERATOR OVERBOARD DISCHARGE
- ④ BUTANE STOVE
- ⑤ WINDLASS
- ⑥ SHORE POWER HOOKUP WITH BREAKER
- ⑦ TACKLE DRAWERS
- ⑧ RAW WATER WASHDOWN
- ⑨ ADDITIONAL GUNNEL-MOUNTED RODHOLDERS (2) (P&S)
- ⑩ LIVEWELL
- ⑪ TRANSOM-MOUNTED RODHOLDER

### Canvas (Option\*)

Fig. 2.11.1



- ① AFT DROP CURTAIN\*\*
- ② SIDE CURTAIN (P&S)\*\*
- ③ SUN TOP WITH BOOT
- ④ FORWARD VISOR\*\*
- ⑤ HELM PEDESTAL SEATS COVER

\* Optional Canvas packages available in Blue or Black

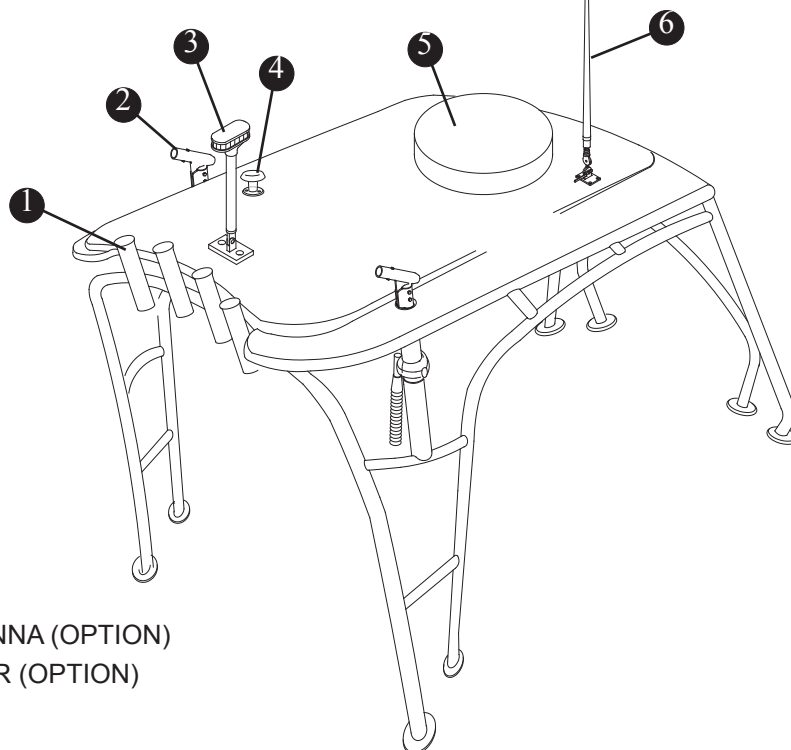
\*\* Also Available for hardtop option

### NOTICE

**The sun-top canvas must be secured in canvas boot before trailering. NEVER TRAILER THE CANVAS TOP IN THE OPEN POSITION.**

### Hardtop\* (Option)

Fig. 2.11.2

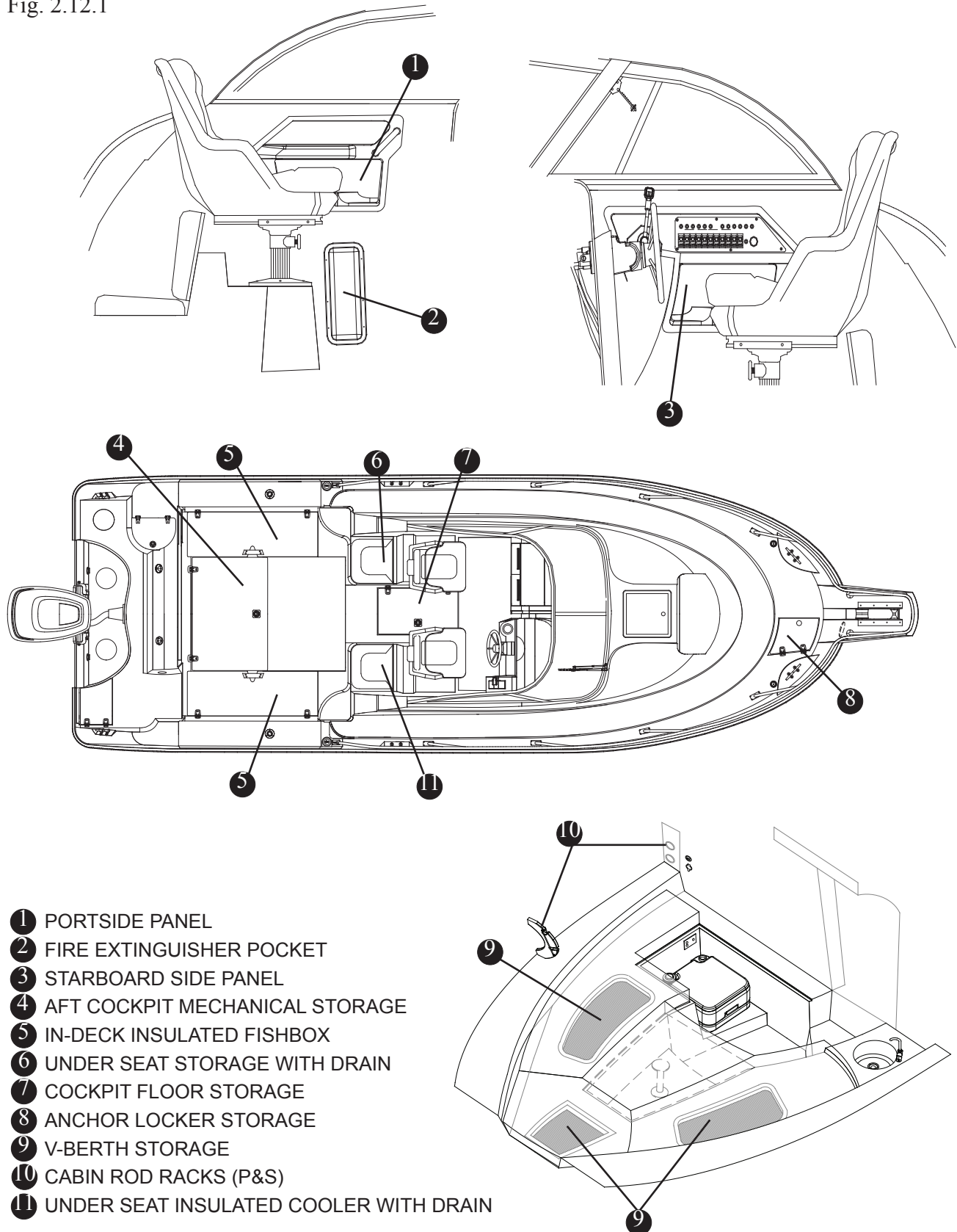


- ① RODHOLDERS (4)
- ② RADIAL OUTRIGGERS (P&S)
- ③ ANCHOR LIGHT
- ④ SIRIUS® SATELLITE RADIO ANTENNA (OPTION)
- ⑤ RAYMARINE RADOME 4KW RADAR (OPTION)
- ⑥ VHF RADIO ANTENNA (OPTION)

\* Cockpit floodlight and hardtop dome light not shown

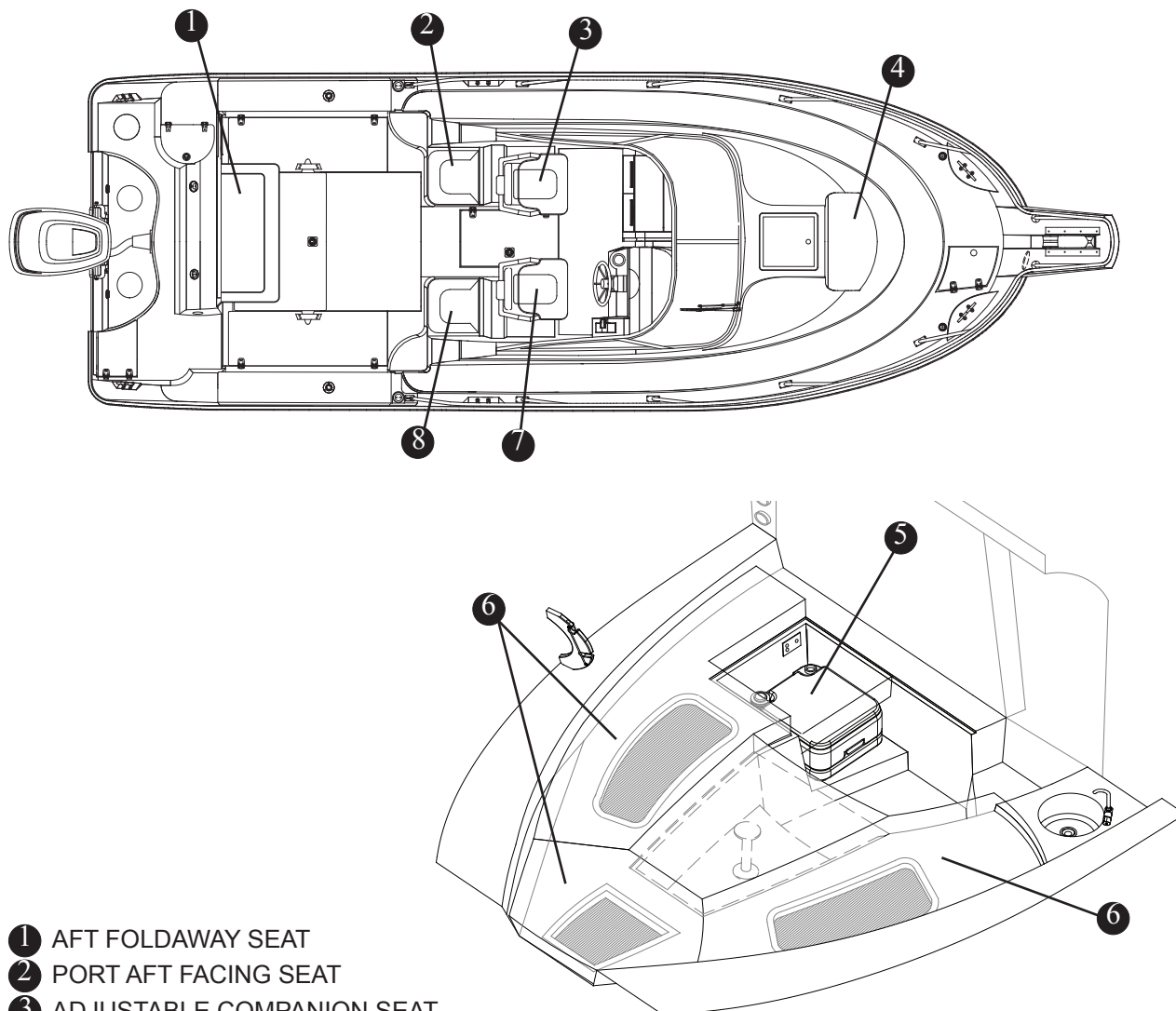
### Storage

Storage  
Fig. 2.12.1



### Seating

Seating  
Fig. 2.13.1



- 1 AFT FOLDAWAY SEAT
- 2 PORT AFT FACING SEAT
- 3 ADJUSTABLE COMPANION SEAT
- 4 FORWARD SEATING
- 5 COVER/CUSHION OVER PORTA-POTTI
- 6 V-BERTH SEATING
- 7 ADJUSTABLE HELM SEAT
- 8 STARBOARD AFT FACING SEAT

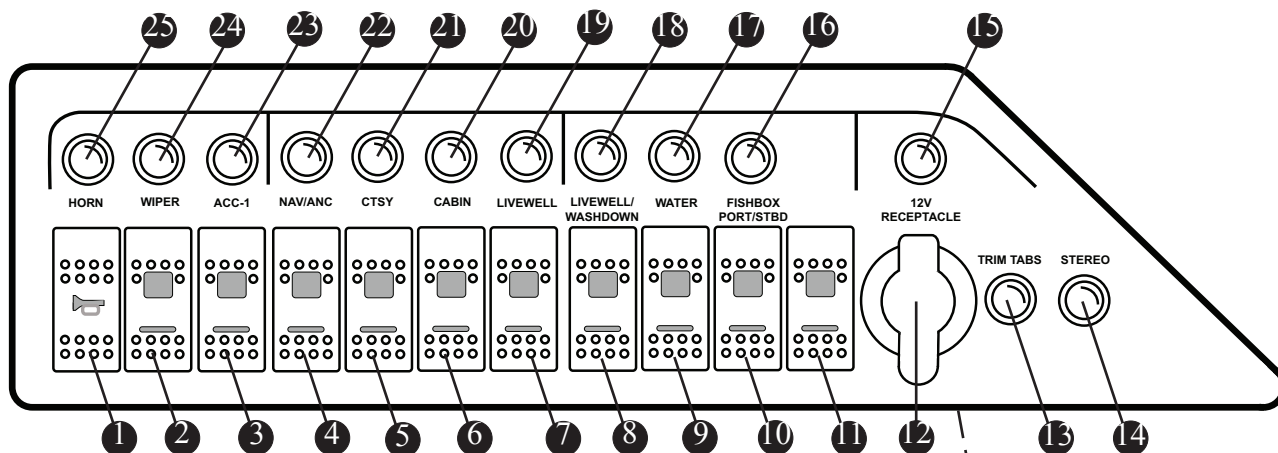
### **⚠ DANGER**

Injury or death can occur while seated in areas of the boat that are not designated for seating. Gunwales, sterndeck and portions of the bow should NOT be used for sitting while underway. Movement of passengers on the deck should be limited to decrease the chances of slipping or falling while underway.

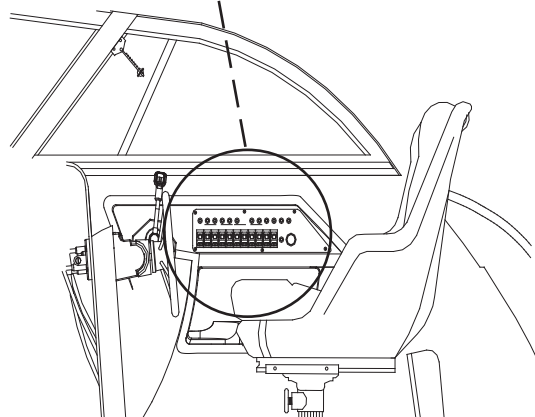
## Control Station Switch Panel

Switch Panel

Fig. 2.14.1



- 1 HORN
- 2 WIPER
- 3 ACC-1
- 4 NAV/ANC
- 5 COURTESY LIGHTS
- 6 CABIN
- 7 LIVEWELL
- 8 LIVEWELL/WASHDOWN
- 9 WATER
- 10 FISHBOX (PORT & STARBOARD)
- 11 BILGE
- 12 12V RECEPTACLE
- 13 TRIM TABS BREAKER ..... 20 AMP
- 14 STEREO BREAKER..... 15 AMP
- 15 12V RECEPTACLE BREAKER ..... 10 AMP
- 16 FISHBOX BREAKER..... 10 AMP
- 17 WATER BREAKER..... 20 AMP
- 18 LIVEWELL/WASHDOWN BREAKER..... 15 AMP
- 19 LIVEWELL BREAKER..... 5 AMP
- 20 CABIN BREAKER ..... 5 AMP
- 21 COURTESY LIGHTS BREAKER ..... 5 AMP
- 22 NAV/ANC BREKAER..... 5 AMP
- 23 ACC-1 BREAKER..... 10 AMP
- 24 WIPER BREAKER..... 5 AMP
- 25 HORN BREAKER..... 5 AMP



### SmartCraft™ VesselView

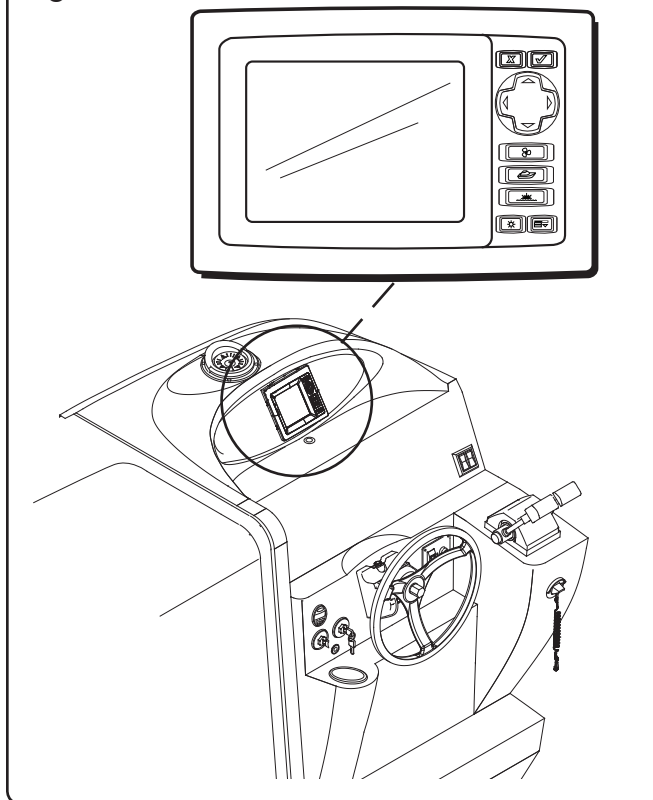
The SmartCraft™ Vessel View is a comprehensive boat information center allowing the boat operator to receive a wealth of critical operational information, instantly at the helm. The VesselView continuously monitors and reports important information ranging from basic operating data to detailed vessel environment information including:

- Sea Water Temperature & Depth
- Trim Status
- Boat Speed
- Steering Angle
- Fuel, Oil, Water and Waste status
- System Alarms
- Maintenance Records

In addition, VesselView can be fully integrated with the boat's GPS, if equipped, to provide up to the minute course, speed, and fuel-to-destination information.

SmartCraft™ Vessel View

Fig. 2.15.1



### System Calibration (For First Time Use)

Boston Whaler or your Boston Whaler dealer has calibrated the Smartcraft™ VesselView to the equipment on your boat. If equipment is added, the system will need to be recalibrated.

For recalibration or manufacturers information regarding the Smartcraft™ VesselView refer to the SmartCraft™ VesselView owner's manual found in your owner's packet.

REFER TO THE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS, INFORMATION AND WARRANTY.

### Gear Shift & Throttle Control

#### CAUTION

**Shift controls into NEUTRAL before starting engine. Shift only when engine is at idle. Reversing at high speeds can cause flooding/swamping due to water being pushed over the transom.**

#### NOTICE

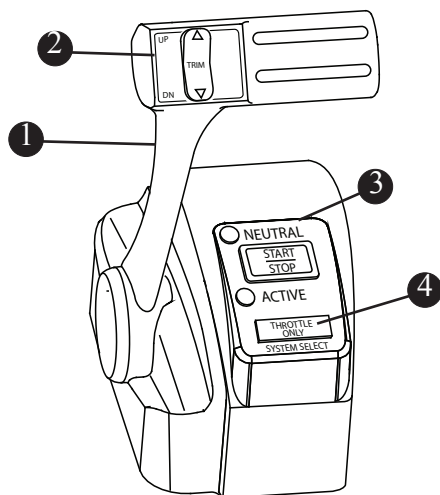
**Wind and sea currents can change how your boat responds while in motion. Understanding your boat and its reactions at speed will make your boating safer and more enjoyable.**

The 255 Conquest is equipped with a state of the art "drive-by-wire" gear shift and throttle control system. The Digital Throttle/Shift (DTS®) is the latest technology in recreational boating. Located on the console, starboard of the helm. The gear shift/throttle control unit controls both the shifting mechanism and throttle.

The throttle control regulates the RPM of the engine. Regulating the RPM of the engine will control the speed of the boat. Moving the lever forward engages the forward gear. Continuing to move the lever forward will increase the forward speed of the boat.

### Throttle/Shift Control

Fig. 2.16.1

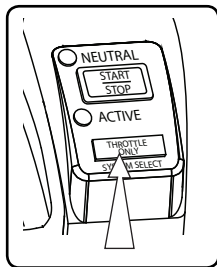


- 1 SHIFT /THROTTLE CONTROL LEVER
- 2 POWER TRIM SWITCH
- 3 CONTROL FUNCTION PAD
- 4 THROTTLE ONLY BUTTON

Likewise, to reverse power, bring the control lever back to engage the reverse gear and increase the reverse thrust by continuing to pull back on the throttle control..

The control must be in the “NEUTRAL” position to start your engine. Neutral is the most central position of the control unit and acts as an idle (you will hear and feel a click when neutral is engaged). While in this position, the propeller is not rotating.

There is a “THROTTLE ONLY” button on the throttle control that when depressed will disengage the shifting mechanism and will allow you to operate the throttle without engaging the propeller. The button will automatically engage the shifting mechanism once the throttle control has been moved back to its center position.



REFER TO THE ENGINE MANUFACTURER’S MANUAL IN YOUR OWNER’S MANUAL PACKET FOR COMPLETE INSTRUCTIONS, INFORMATION AND WARRANTY.

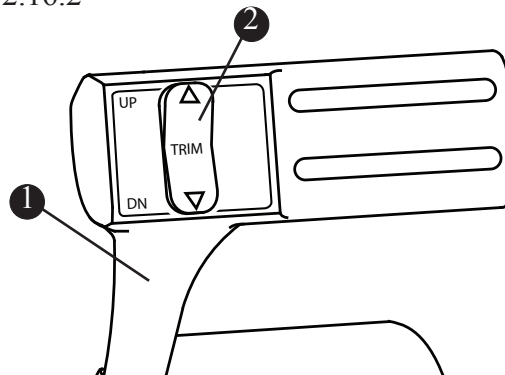
### Power Trim Operation

The power trim & tilt system located on the shift control lever allows you to raise and lower the engine for optimum performance in the water and for trailering, launching and beaching. The switch is a momentary switch; which means that constant pressure must be applied to the switch during the raising and lowering cycle.

Use the trim switch to obtain an ideal boat angle (in relation to the water surface) for a given load and water condition. In most cases, best all around performance is obtained with the engine adjusted so that the boat will run at a 3° to 5° angle to the water.

### Power Trim Switches

Fig. 2.16.2



- 1 SHIFT/THROTTLE CONTROL LEVER
- 2 ENGINE TRIM SWITCH

## NOTICE

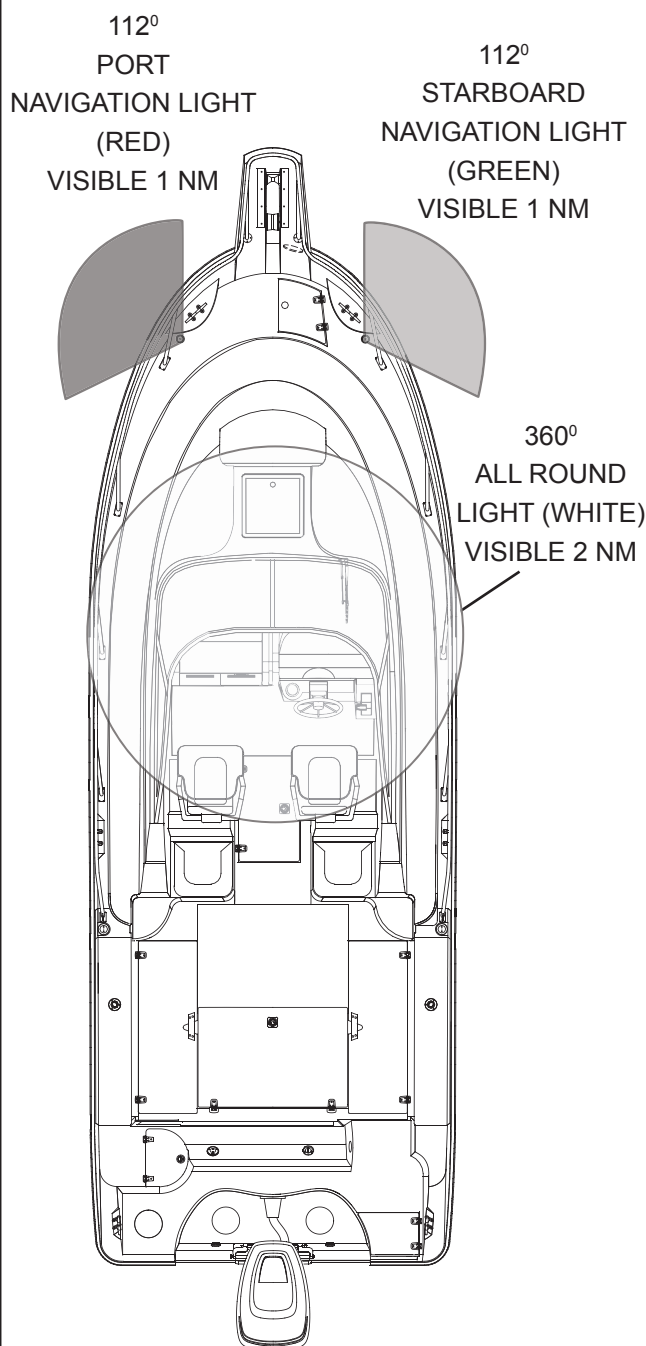
**Boats can be operated in a manner and speed resulting in trim angles that cause visibility to be obscured. Motor trim, hull trim plane and speed are factors that affect a boat’s trim angle.**

### Navigation Lighting

Your boat comes equipped with navigation lighting for your safety. Regulations state that all boats, no matter the size, must display navigation lights. The lights must be displayed at night or in low visibility conditions. It is the responsibility of the operator to ensure that the navigation lights are in good working order and that the proper lighting is shown.

Navigation/Anchor Lighting

Fig. 2.17.1

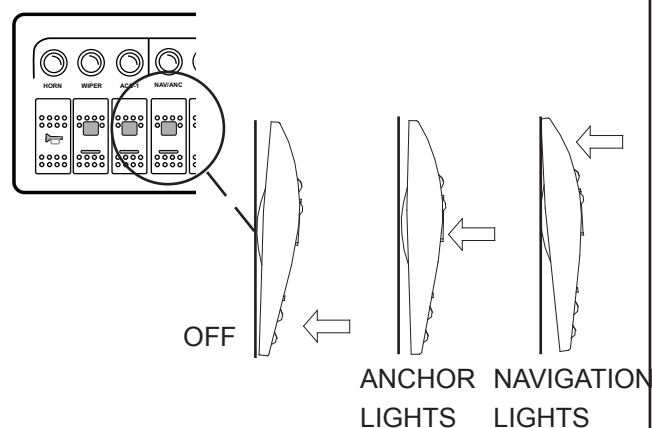


### Operating the Navigation Lighting

A three-position switch, located on the console switch panel marked “NAV/ANC” (See page 2.14.1), controls the navigation and anchor lighting. In the “Navigation Lights” position, the port (red) and starboard (green) lights will illuminate. These lights let other vessels know the approximate size and direction of travel of your boat, depending on which lights they can see. In the “Anchor Lights” position, the white, 360-degree light will illuminate, showing other boaters your location while at anchor.

Navigation/Anchor Lighting

Fig. 2.17.2



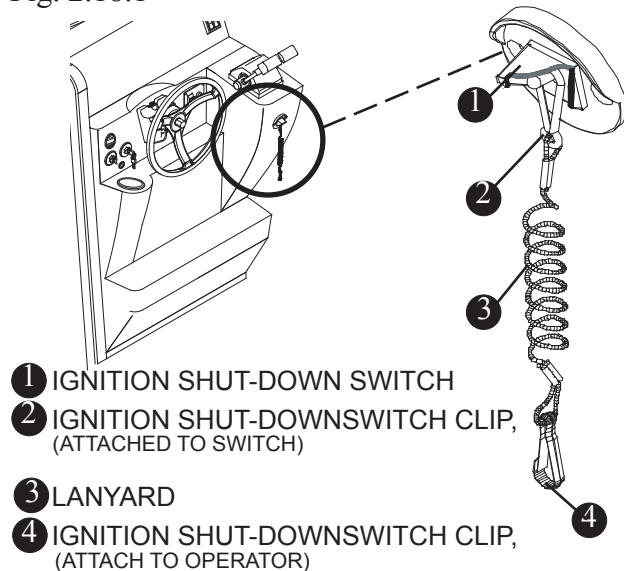
### Ignition Shutdown Switch

The ignition shutdown safety switch located on the control station is designed to shut the engine off when the operator of the boat leaves the control station, either accidentally by falling into the boat, or by being ejected overboard. This would most likely occur as a result of poor operating practices. The switch incorporates a shut-off switch, switch clip, lanyard and lanyard clip, which should be clipped to the operator. If an emergency arises where the engines must be shut down, a pull on the cord to release the clip from the shut-off will shut down the engine.

### ⚠ CAUTION

**Wear your lanyard at all times while operating the boat. It is for emergency stopping only. Do not use it to shut off the engine during normal operation. The lanyard should be long enough to prevent inadvertent activation.**

Ignition Shutdown Safety Switch  
Fig. 2.18.1

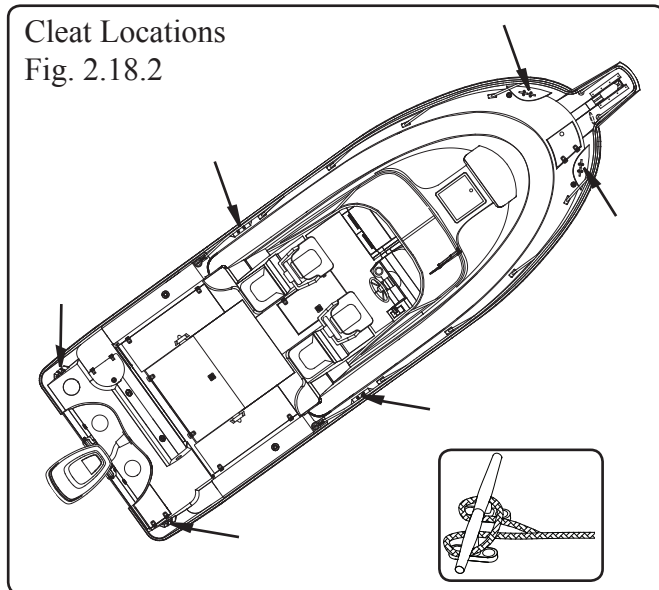


### NOTICE

**This switch only works when used properly. The decision of whether to use an ignition safety switch or not rests entirely with you, the operator.**

### Docking, lifting and trailering

Cleat Locations  
Fig. 2.18.2



### Docking

Your boat has (7) 8 inch cleats, one located at the anchor roller on the bow, two located at the bow, two located amidship and two located at the stern,

forward of the transom under the port & starboard gunnels. The cleats are used to secure the boat to the dock. While loading/unloading or mooring, please learn the proper way to secure the boat and how best to use the mooring points of your boat.

Figure 2.18.3 shows the correct method for tying a belaying knot, commonly used to secure a boat to a dock. This knot will hold fast and is simple to release when needed.

### Lifting

The bow eye is used to haul and hold your boat onto a trailer. The stern eyes are used as tie down points while trailering the boat. The bow and stern eyes may be used only for short term lifting of the boat. Long term lifting with bow and stern eyes will cause stress on the fiberglass and gel coat.

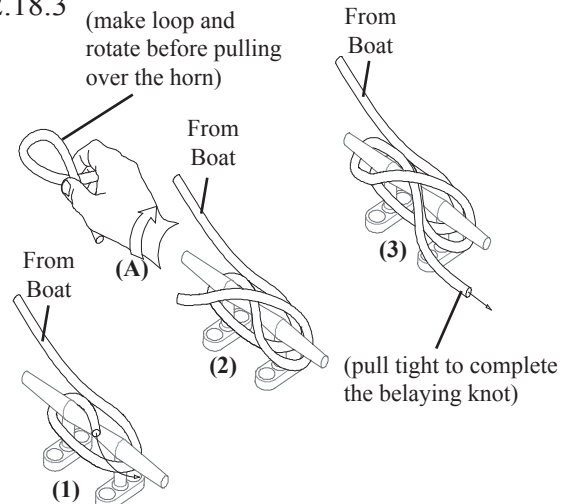
For long term lifting or storage, use flat, wide belt-type slings and spreaders long enough to keep pressure from gunwales. Place slings where indicated by "Sling" tags forward and aft on the port and starboard hull. **DO NOT** place slings where they may lift on underwater fittings.

### ⚠ DANGER

**Use only the lifting points specified. Using the cleats for lifting is dangerous and could cause serious injury or death.**

### Belaying Knot

Fig. 2.18.3



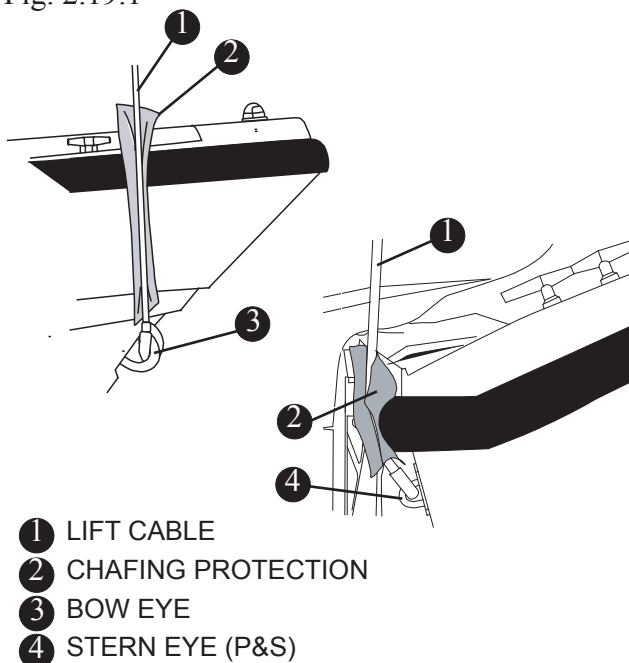
### CAUTION

**Long term lifting with the bow and stern eyes can cause stress on the fiberglass and gel coat and is not recommended.**

Whether you are lifting your boat out of the water for routine maintenance or long term storage, consider the following:

- If you are using a professional lifting service, it is prudent to check all credentials and ask for proof of insurance to protect your investment.
- Use a wide, flat, belt sling for lifting, to minimize stress on the gunwales. Careful placement of the slings should be observed. **DO NOT PLACE SLINGS WHERE UNDER WATER FITTINGS WILL BE IN CONTACT.**
- If using a lifting hook, attach to bow eye and the stern lifting eyes mounted on the transom. Always use a spreader bar on the stern eyes and use chafing protection on the top of the transom.

Proper Short Duration lifting  
Fig. 2.19.1



- All drain plugs (i.e. transom, fishwell, deck, etc.) should be pulled out and the boat positioned with the bow slightly higher than the stern so that any water which is allowed to accumulate in the cock pit and/or bilge can easily drain from the boat.

### NOTICE

**Place slings ONLY WHERE INDICATED by the "Sling" tags on the hull of the boat (P&S).**

### Trailer

Your 255 Conquest has the option of being fitted with an aluminum trailer. This trailer is best suited for your boats length and width. If you have a trailer or plan on purchasing a trailer separately there are some points you need to consider, such as:

- Having a center roller and keel guards will help provide good support for the keel, also provide good fore and aft support.
- **Trailers equipped with rollers** instead of bunks can damage the foam sandwich hull of your boat and **should never be used.**
- Bunks provide a more even weight distribution.

### Trailer Safety

#### Securing the Boat to the Trailer

**Safety Chain/Cable** - There is a safety chain/cable that attaches to the bow eye and will keep the boat from sliding off the trailer in the event that the winch strap or cable breaks. Hook this up first.

**Tie-Down Straps** - Can be used to secure the boat from the stern. The tie-down straps hook into the tie-down loops on the trailer frame and to the stern eyes on the transom. Padding (or similar) chafe protection should be used wherever the tie-down straps come in contact with the hull.

### NOTICE

**Use a trailer with bunks ONLY. Your warranty may be voided if you use a trailer with rollers.**

## Section 2 • General Information

**Safety Chains/Cables** - Safety chains/cables connected to the trailer should be of sufficient length to reach the frame of the tow vehicle and should be long enough to allow the tow vehicle to turn without binding or tensioning .

### Securing the Trailer to the Tow Vehicle

**Trailer Hitch** - A properly matched trailer hitch ball and coupler is important.

Make certain that the coupler and the hitch ball are properly seated and locked.

### Trailer the Engines

It is best to trailer your boat with the outboards tilted down in a vertical operating position.

However, if additional road clearance is required due to railroad crossings, driveway clearance, trailer bounce, etc., the outboard should be tilted up and supported using an accessory outboard support device.

Your Boston Whaler® dealer will have recommendations regarding the support of your engine.

### ⚠ DANGER

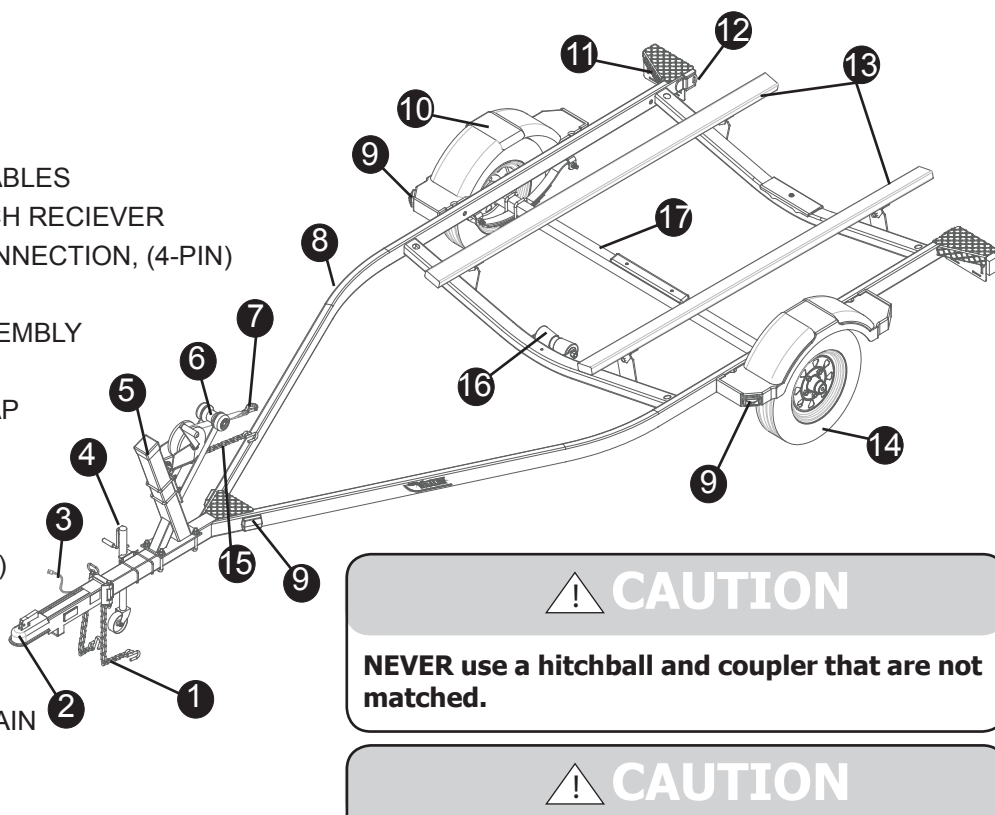
**Tie-down straps should never be used by themselves, they are only used to help in keeping the boat secured to the trailer. Make certain that the safety chain/cable is properly secured to the bow eye.**

### ⚠ CAUTION

**DO NOT** rely on the power trim/tilt system or tilt support lever on your outboards to maintain proper ground clearance for trailering. **THE OUTBOARD TILT SUPPORT LEVER IS NOT INTENDED TO SUPPORT THE OUTBOARDS FOR TRAILERING**

Bunk Trailer (Typical)  
Fig. 2.20.1

- 1 SAFETY CHAINS/CABLES
- 2 TONGUE/BALL HITCH RECIEVER
- 3 TRAILER LIGHT CONNECTION, (4-PIN)
- 4 TONGUE JACK
- 5 WINCH STAND/ASSEMBLY
- 6 CABLE ROLLER
- 7 WINCH HOOK/STRAP
- 8 TRAILER FRAME
- 9 SIDE LIGHT
- 10 FENDER W/ STEPS
- 11 TAILLIGHT (HIDDEN)
- 12 TIE-DOWN EYE
- 13 BUNK ASSEMBLY
- 14 TIRE
- 15 WINCH SAFETY CHAIN
- 16 KEEL PROTECTOR
- 17 AXLE



### ⚠ CAUTION

**NEVER** use a hitchball and coupler that are not matched.

### ⚠ CAUTION

**DO NOT** secure the chains to the bumper of the tow vehicle.

### Bilge Pumps

Your 255 Conquest is equipped with an (1100 GPH - 4164 LPH). The pump is activated automatically by a mercury-free float switch when the water in the bilge reaches a predetermined level.

By depressing the switch on the control station labeled BILGE (See figure 2.13.1) the operator can energize the pumps regardless of the position of the float switches.

The pump discharges water overboard by way of a thru-hull fitting on the aft starboard hull (See fig. 2.5.1).

### Maintenance

The pump can be accessed through the aft cockpit machinery hatch. Frequently inspect the area under the float switch to ensure it is free from debris and gummy bilge oil. To clean, soak in heavy duty bilge cleaner for 10 minutes, agitating several times. Check for unrestricted operation of the float. Repeat the cleaning procedure if necessary.

**Inspect the bilge pump intake and keep it free of dirt or material which may impede the flow**

**of water through the pump.** To clean the pump strainer, depress the lock tabs on both sides of the pump and lift the pump motor (Figure 3.1.2).

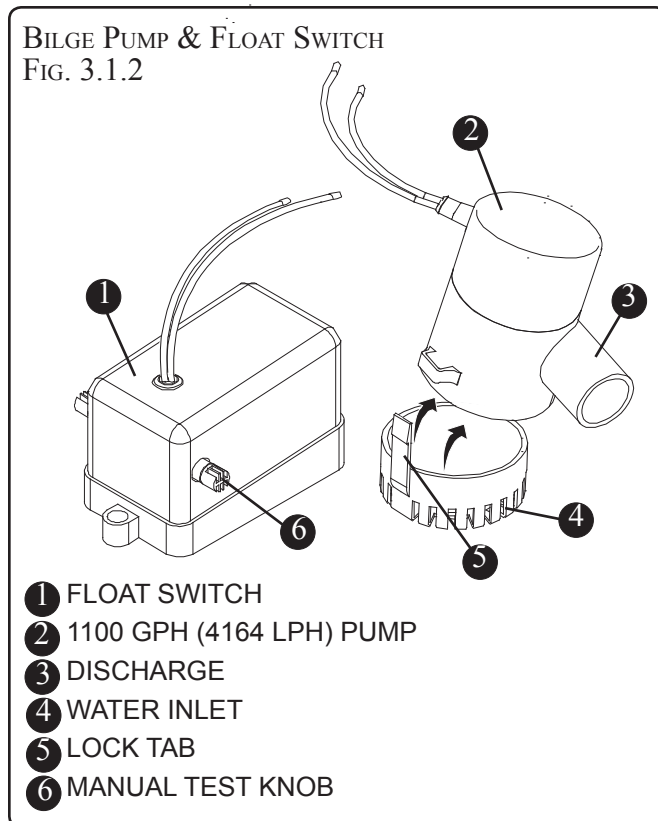
If water does not come out of the discharge hose:

1. Remove the motor module to see if the impeller rotates with the power on.
2. Remove any debris that may have accumulated in the impeller section or strainer base.
3. Check hose and connection on hull side for debris and proper connections.

### Fuel & Oil Spillage

Regulations prohibit discharging fuel or oily waste in navigable waters. Discharge is defined as any action which causes a film, sheen or discoloration on the water surface, or causes a sludge or emulsion beneath the water surface. A common violation is bilge discharge.

Use rags or sponges to soak up fuel or oily waste, then dispose of them properly ashore. If there is a large quantity of fuel or oil in the bilge, contact a knowledgeable marine service to remove it. Never pump contaminated bilge discharge overboard.



### Fuel System

#### ! CAUTION

- Oil and fuel spills can be dangerous and can subject offenders to severe penalties
- Leaking fuel is a fire and explosion hazard, inspect the system regularly. Examine fuel tanks and exposed lines for leaks and corrosion.

The 255 Conquest is equipped with a gasoline fuel system. **Please take time to read and understand all the fuel related information and warnings regarding gasoline and your boat, in the engine owner's packet.**

#### Fuel tank

Your boat is equipped with a 150 Gal. (568 L) polyethylene fuel tank. The tank is located under the aft section of the cockpit. The fuel level sender, fuel line and tank connections can be reached through an access plate on the aft section of the cockpit floor.

Fuel tanks with levels less than 1/4 full can cause

#### ! CAUTION

**Use of improper fuel can seriously damage your engine. Engine damage resulting from use of improper fuel is considered misuse of engine and will void the warranty. Follow engine manufacturer's recommendations regarding the types of fuel and oil to use.**

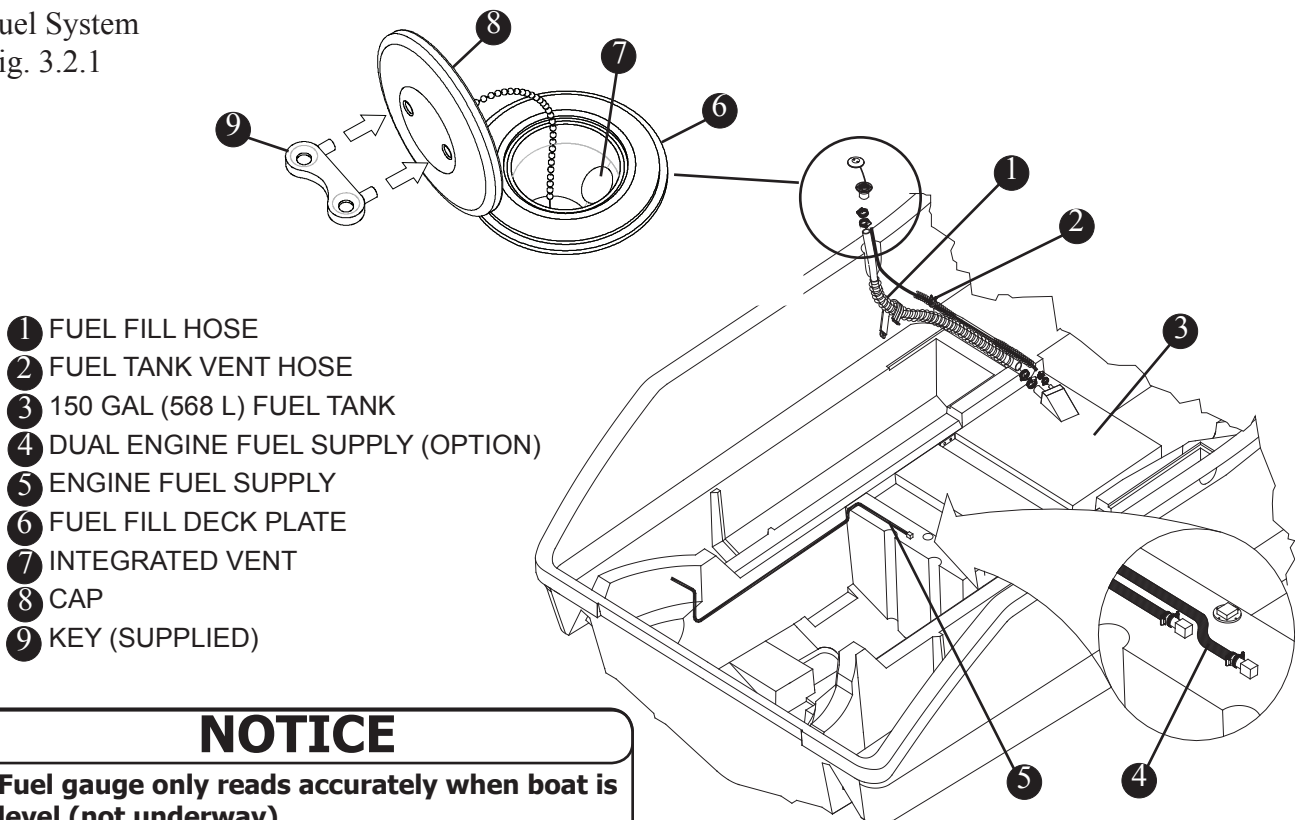
engine stalling problems due to fuel starvation or by allowing sediment and dirt to enter the fuel supply lines. Keep the tank full and monitor the fuel level often to prevent this from happening.

#### Fuel Fill

The fuel fill is located amidship on the port gunwale and is marked "GAS" (See figure 2.7.1). The fuel fill deck plate can be opened by use of a special key that is included in your owner's manual packet. **Refer to the engine manufacturer's manual for recommended types of fuel to use.**

The fuel fill has an integrated vent with flame arresting and anti-surge capabilities located at the side of the fuel fill inlet.

Fuel System  
Fig. 3.2.1



#### NOTICE

**Fuel gauge only reads accurately when boat is level (not underway).**

### NOTICE

**Keep records of the fuel capacity and consumption of your boat. Drastic changes in consumption and mileage may indicate a problem.**

### NOTICE

**it is your responsibility to read and understand the engine manufacturer's manual in your owner's manual packet for complete fuel and fueling information and warnings.**

### NOTICE

**Fuel tanks should never be filled to capacity. Allow 2% for expansion.**

When recapping the fill inlet make sure that it is secure to prevent spills and to prevent the intrusion of water into the system.

#### Maintenance

Follow your engine manufacturers recommendations for scheduled maintenance. Check the hoses for cracks, abrasions and deterioration on a regular basis and **NEVER start your engines if there is a strong gasoline odor present**. Replace worn or damaged hoses and fittings with marine grade replacement parts only. Your Boston Whaler® dealer will have all the parts and information you will need to maintain your boat.

Excessive water and sediment in the fuel tank(s) due to improper usage may require you to have the tank(s) professionally cleaned. Consult a professional tank cleaning contractor regarding this procedure and the proper disposal of residue and water.

### NOTICE

**Improper disposal of fuel or oily waste can subject the offender to severe state and federal penalties.**

#### Static Electricity and the Fuel System

There is a danger that static electricity can ignite gasoline vapors that have not been ventilated outside an enclosed area. Use extreme caution when fueling your boat from a source outside the regular venues, (e.g. marinas, fuel service stations).

Your boats bonding system protects it from creating and discharging static electricity. Your boat must be in contact with the water or a land based grounding system while fueling.

Your boat has safety features that can be circumvented by not adhering to standard fueling practices. The following suggestions will help keep you safe from static electricity while refueling your boat.

- **NEVER** fuel your boat in unsafe conditions such as suspended on a sling or in a situation that increases the likelihood of static discharge.
  - **NEVER** use homemade containers to fill your fuel tanks.
  - Fuel carried on-board outside of a fixed fuel system should be stored in an approved container or in a portable tank such as provided for outboard engines and be stowed safely outside of the engine or living compartment(s).
- be extinguished before filling the fuel tanks.
- Close all ports, windows, doors and hatches.
  - Fueling should never be done at night except in well-lighted areas.
  - Always keep the fuel nozzle in contact with the fuel fill plate or the edge of the fuel tank opening throughout the filling process.

### DANGER

**Static electricity can ignite gasoline vapors causing serious injury/death and/or destruction of property.**

**Check for leaks in tubing, connections and hoses. Correct the cause of any leaks and ventilate the area to insure that no fumes remain, prior to energizing any electrical equipment and/or starting the engines.**

- Allow areas where gasoline vapors could collect to be ventilated before starting the engine.
- Wipe any spillage completely and dispose of rags or waste on shore.
- Secure the fill cap tightly.
- Portable tanks should only be filled while on the ground, never on-board the boat.

REFER TO THE “DO’S AND DON’TS AT THE GAS PUMP” DVD IN YOUR OWNER’S MANUAL PACKET FOR MORE INFORMATION.

### Ethanol-Blended Fuel

Ethanol is an oxygenated hydrocarbon compound that has a high octane rating and therefore is useful in increasing the octane level of unleaded gasoline.

The fuel-system components of your Mercury engine(s) have been tested to perform with the maximum level of ethanol-blended gasoline (10% ethanol) currently allowed by the EPA in the United States.

Special precautions should be considered with the use of fuel containing ethanol in your system. Fuels with ethanol can attack some fuel-system components, such as tanks and lines, if they are not made from acceptable ethanol-compatible materials. This can lead to operational problems or safety issues such as clogged filters, leaks or engine damage.

Your boat was manufactured, and shipped from the factory, with ethanol-compatible materials. Before introducing gasoline with ethanol into your fuel tank, ask your dealer if any components have been added or replaced that are not recommended by Boston Whaler, Mercury or may not be ethanol-compatible.

### NOTICE

**The use of improper gasoline or additives can damage your fuel system and is considered misuse of the system. Damaged caused by improper gasoline or additives WILL NOT be covered under warranty.**

### Filling the Tank

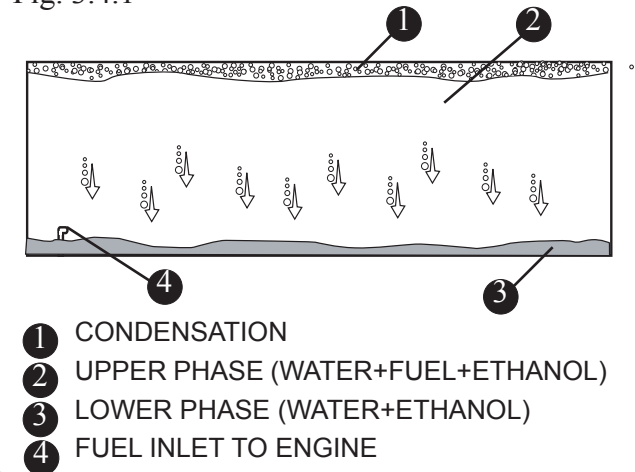
It is best to maintain a full tank of fuel when the engine is not in use. This will reduce air flow in and out of the tank due to changes in temperature as well as limiting exposure of the ethanol in the fuel to humidity and condensation.

### Phase Separation

Humidity and condensation create water in your fuel tank which can adversely effect the ethanol blended fuel. A condition called phase separation can occur if water is drawn into the fuel beyond the saturation point. The presence of water in the fuel beyond the saturation level will cause most of the ethanol in the fuel to separate from the bulk fuel and drop to the bottom of the tank, significantly reducing the level of ethanol in the fuel mixture in the upper level (phase). If the lower level (phase), consisting of water and ethanol, is deep enough to reach the fuel inlet, it

Example of Phase Separation

Fig. 3.4.1



### CAUTION

**The use of fuels containing ethanol higher than 10 percent (E-10) can damage your engine and/or fuel system and will void the warranty.**

**E85 FUELS COULD SERIOUSLY DAMAGE YOUR ENGINES AND MUST NEVER BE USED.**

could be pumped directly to the engine(s) and cause significant problems. Engine problems can also result from the reduced ethanol/fuel mixture left in the upper phase of the tank.

### Additives

There is no practical additive known that can prevent or correct phase separation. The only solution is to keep water from accumulating in the tank.

If phase separation does occur, your only remedy is to drain the fuel, clean and dry the tank completely and refill with a fresh, dry load of fuel.

### Fuel Filters

Mercury already provides the appropriate level of filtration to protect the engine from debris. The addition of another *in-line* filter to the system will create a possible flow restriction that can starve the engine(s) of fuel.

it is advisable to carry extra *on-engine* filters in case filter plugging from debris in the fuel tank becomes a problem during boating.

### Maintenance

Periodically inspect for the presence of water in the fuel tank. If any is found, all water must be removed and the tank completely dried before refilling the tank with any fuel containing ethanol.

### Storage

Long periods of storage and/or non-use, common to boats, create unique problems. When preparing to store a boat for extended periods, of two months or more, it is best to completely remove all fuel from the tank. If it is not possible to remove the fuel, maintaining a full tank of fuel with a fuel stabilizer added to provide fuel stability and corrosion protection is recommended.

- Add fuel stabilizer/treatment at manufacturers recommended dosage.
- Run engine(s) for 10 minutes.
- Shut OFF fuel valve. Allow engine to run until it stops.
- Top off fuel tank, leaving space for expansion. DO NOT fill to point of overflow.
- DO NOT cap the tank vent.

A partially full tank is not recommended because the void space above the fuel allows air movement that can bring in water through condensation as the air temperature moves up and down. This condensation could potentially become a problem.

### Starting the Engine(s)

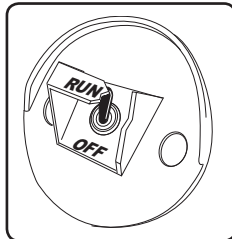


#### CAUTION

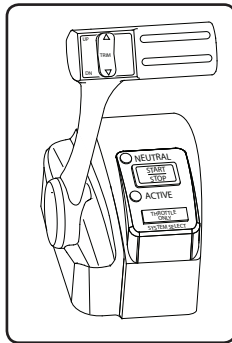
**NEVER start or operate your engine(s) (even momentarily) without water circulating through all the cooling water intake holes in the gearcase to prevent damage to the water pump (running dry) or overheating of the engine.**

#### Prior to Starting

- Operator should know boating safety, safe navigation, and boat operating procedures.
- Make sure that the lower unit of the engine is in the water.
- Be sure the emergency engine shutoff switch (See figure 1.17.1) is in the “RUN” position.



- Be sure gear shift and throttle control levers are in the NEUTRAL position.

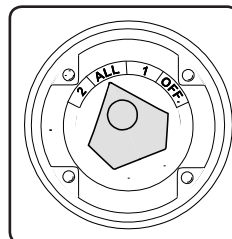


#### NOTICE

**The gear shift/throttle control levers will not allow engine starting if the control levers are in any other position than NEUTRAL.**

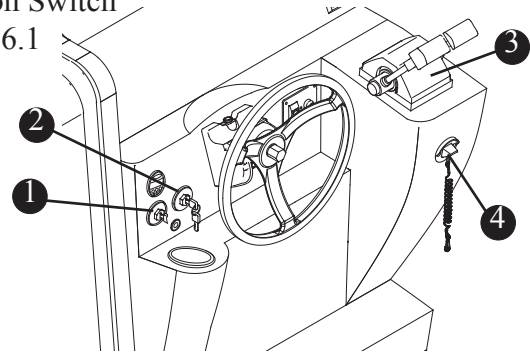
- Make sure the battery switches are in the “ALL” position.

NOTE: Once the engine(s) are started, switch battery switches from “ALL” position.



Ignition Switch

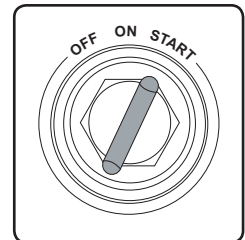
Fig. 3.6.1



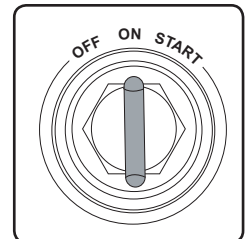
- 1 IGNITION SWITCH
- 2 IGNITION SWITCH (DUAL ENGINE OPTION)
- 3 GEAR SHIFT/THROTTLE CONTROL
- 4 EMERGENCY SHUT DOWN SWITCH

#### Start Engine(s):

- Turn key to “Start” position and hold until engine starts.



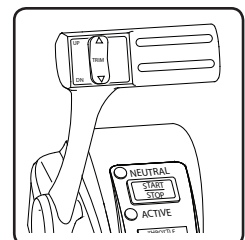
- When engine starts, release key. The key will return to the “ON” position.



#### Warming Up the Engine(s)

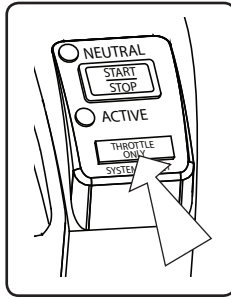
The “THROTTLE ONLY” button on the gear shift/throttle control allows the operator to increase engine RPM for warm-up without shifting the engines into gear.

- Be sure that the gear shift and throttle control handle is in the NEUTRAL position.

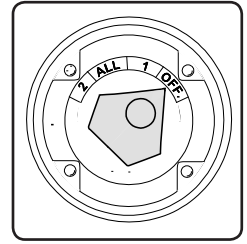


## Section 3 • Systems & Components Overview & Operation

- Press and hold the “THROTTLE ONLY” button while moving the control handle ahead to the forward position.



- If equipped, turn the battery switch “OFF”.

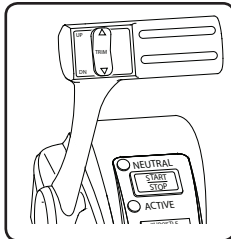


- Advance the control handle to increase engine RPM.

**NOTE:** Turning the key switch(es) to the “START” position will supply power to trim the engine(es). See page 2-15 for power trim operation.

**NOTE:** Engine RPM is limited to prevent engine damage.

- To disengage, return the control handle back to the neutral position.



### CAUTION

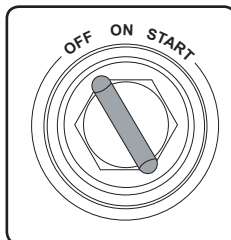
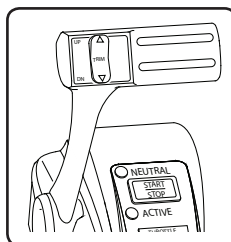
**NEVER turn the battery switch to the “OFF” position while the engine is running. Equipment damage will occur.**

REFER TO THE ENGINE MANUFACTURER’S MANUAL IN YOUR OWNER’S MANUAL PACKET FOR COMPLETE INSTRUCTIONS.

The warm-up mode can be re-activated by turning the engine off and re-starting.

### Stopping the Engine(s)

- Be sure that the gear shift and throttle control handle is in the NEUTRAL position
- Turn Key to the “OFF” position.



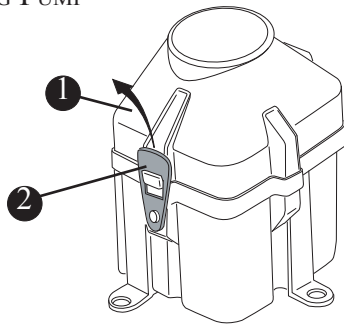
### Power Assist Steering

The Verado four-stroke engine uses an enclosed hydraulic pump unit. **The pump is electrically operated to provide hydraulic pressure to the steering system pump.** The pump is located in the aft bilge which can be accessed through the hatch in the bottom of the motorwell.

### Filling & Maintenance

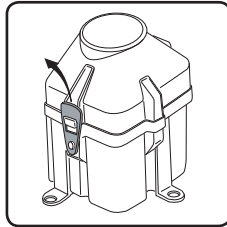
The system is virtually maintenance free, aside from regular fluid checks and visually inspecting the outside of the unit for signs of leaks or damage.

POWER STEERING PUMP  
FIG. 3.8.1

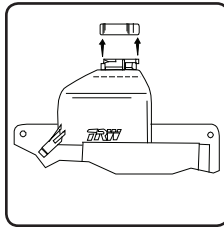


- 1 REMOVABLE COVER
- 2 RUBBER LOCKING STRAP (2)

- Release cover by pulling up on the rubber tabs on the sides of the unit.



- Unscrew cap and check the fluid level in the reservoir, fill **ONLY** with SAE 0W-30 Full Synthetic Power Steering Fluid if necessary.



- Replace cap and cover

Make it a habit of checking the fluid level before each trip.

REFER TO THE ENGINE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS AND WARRANTY.

### Fresh Water System

#### NOTICE

- **Be sure to fill the water tank from a source known to provide safe, pure drinking water.**
- **If you do not use the freshwater system for long periods of time or only use it seasonally it is recommended that you follow the disinfecting practice before using it.**

The 255 Conquest has a 20 Gal. (76 L) fresh water tank located aft of the fuel tank.

The freshwater system includes: pump, plumbing, holding tank and connections for water service to the console faucet and transom shower.

#### Filling the Tank

The water tank can be filled through the water fill inlet located on the port transom (See figure 2.7.1). Fill the tank only from a source known to provide safe, pure drinking water. Use only a plastic hose to fill the water tank. Using a rubber hose can give the water a disagreeable taste.

The hose should be dedicated to filling use only and should be stored in a clean, dry place. It is a good practice to cover the ends of the hose to ensure the inside stays clean.

Before you fill the freshwater system it is vital that it be properly disinfected. Ask your dealer if this has been done.

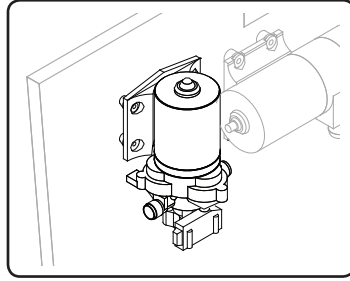
The following procedure is recommended to disinfect the freshwater system:

1. Flush the entire system thoroughly by allowing potable water to flow through it.
2. Drain the system completely.
3. Fill the entire system with an approved disinfecting solution (check with your dealer for recommendations) and follow the method prescribed by the manufacturer.
4. After disinfecting, drain the entire system.
5. Flush the entire system thoroughly several more times with potable water.
6. Now the system is ready for use, fill with potable water.

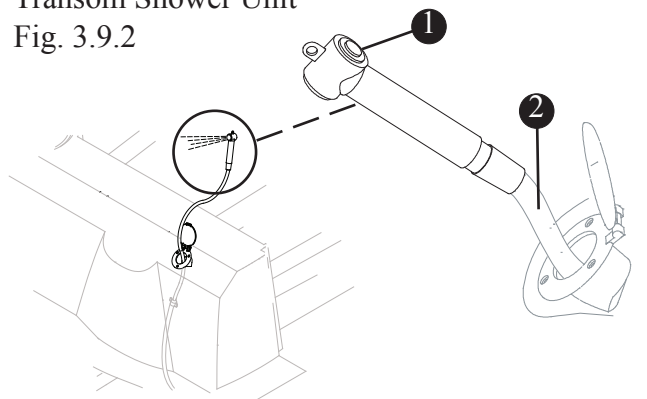
This should be done annually or before using the system if it has been laid up for an extended amount of time.

### Freshwater Pump

The fresh water pump is located behind an access hatch on the aft wall of the cockpit. To operate, depress the “WATER” switch located on the console switch panel (See figure 2.14.1). When activated, the freshwater pump draws water from the water tank and provides pressure to the transom shower and cabin sink faucet.



Transom Shower Unit  
Fig. 3.9.2



- ① PUSH BUTTON
- ② 6' (1.82M) EXTENDABLE HOSE

### Transom Shower

The transom shower head is located on the starboard transom. The shower hose extends approximately 6' (1.82M). The spray head is activated by depressing the button on the back of the unit.

### Cabin Faucet

The faucet has a control knob on the right side of the outlet which controls the flow of water.

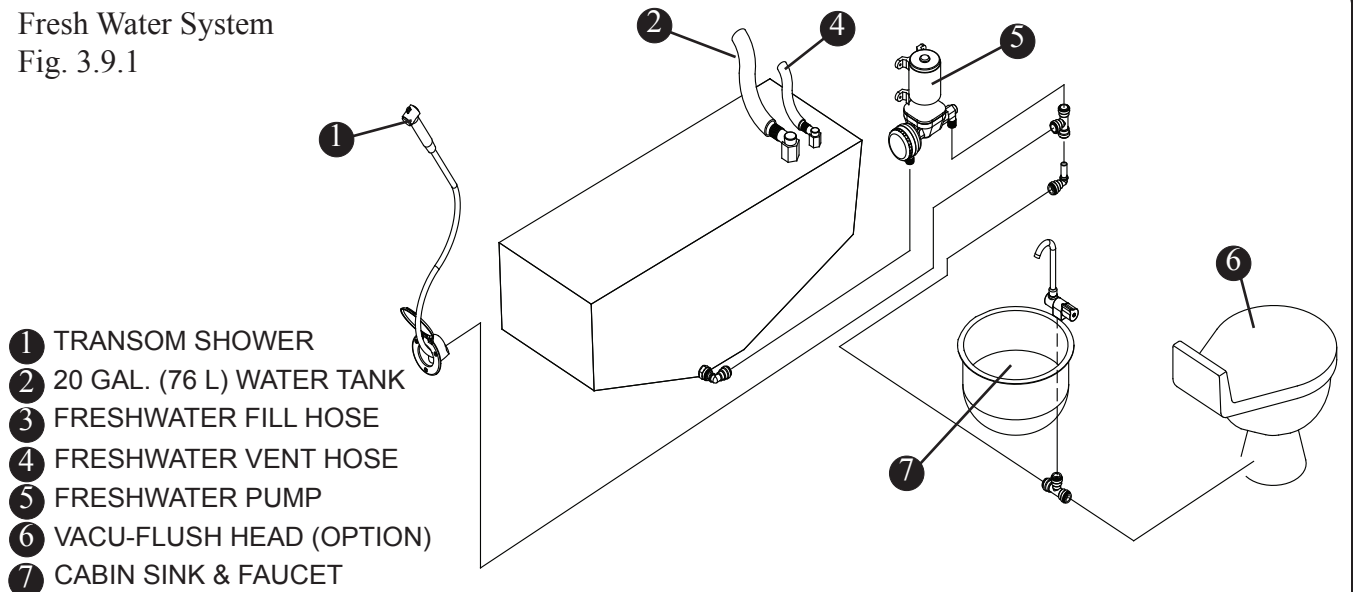
### Maintenance

Very little maintenance is required for the freshwater system, other than annual disinfecting and winterizing. Periodically check the entire system to assure that the hose connections, tube fittings, electrical connections and mounting bolts are properly secured, and free of chafing.

### Winterizing The System

If the water system will not be used for an extended amount of time it is recommended that it be drained. Draining the freshwater system will require you to energize the freshwater pump switch on the instrument panel, press the button on the freshwater shower head and empty the freshwater tank. Next disconnect the hoses to and from the water pump to allow as much water as possible to drain out. De-energize the fresh water pump switch. Some service facilities may recommend filling the freshwater system with a non-toxic, non-freezing solution. This procedure should be completed by an authorized service center.

Fresh Water System  
Fig. 3.9.1



### Raw Water System

The Raw water system includes a 3.5 GPM (13.25L) pump, seacock with auxiliary pump, an 18 gal (68 L) livewell located in the port stern and a raw water hose connection located on the lower forward section of the port gunnel..

#### Operation

The seacock must be set in the OPEN position for the raw water system to function. The seacock and raw water pump can be accessed through a hatch on the aft wall of the cockpit.

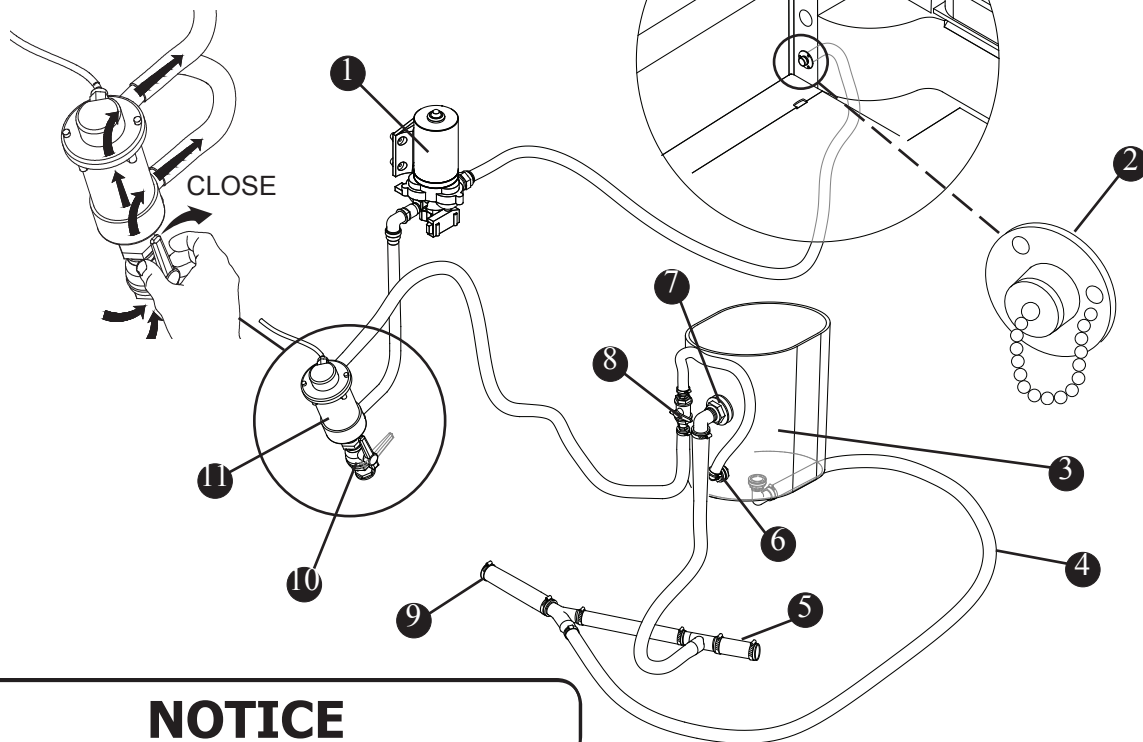
### NOTICE

**The seacock MUST be in the OPEN position. Running the pump dry may cause damage to the unit.**

Make sure that the hull seacock is set in the open position and turn ON The “LIVEWELL/RAW WATER” switch on the control station switch panel (See figure 2.14.1) by pushing on the top of the switch. The raw water pump will be activated and the system will become functional.

Raw Water System

Fig. 3.10.1



### NOTICE

**The seacock MUST be in the OPEN position. Running the pump dry may cause damage to the unit.**

- |                                 |                               |
|---------------------------------|-------------------------------|
| ① 3.5 GPM RAW WATER PUMP        | ⑦ LIVEWELL OVERFLOW STRAINER  |
| ② RAW WATER WASHDOWN CONNECTION | ⑧ LIVEWELL FLOW CONTROL VALVE |
| ③ 18 GAL (68 L) LIVEWELL        | ⑨ THRU-HULL DRAIN             |
| ④ LIVEWELL BOTTOM DRAIN HOSE    | ⑩ SEACOCK                     |
| ⑤ COCKPIT DRAIN                 | ⑪ 12V/800 GPH PUMP            |
| ⑥ LIVEWELL FILL                 |                               |

### Livewell

The 18 Gal. (68 L) livewell located under the hatch on the aft port side of the stern deck will keep baitfish alive by circulating fresh seawater through the tank.

### Livewell Operation

- Make sure that the raw water seacock is in the open position (See figure 3.10.1).
- Open the livewell flow control valve (located behind an access plate on the face of the livewell (See fig. 3.10.1).
- Activate the raw water pump by pressing the RAW WATER switch on the console switch panel.
- Fill the livewell by pressing the switch marked "LIVEWELL" on the console switch panel (See figure 2.14.1).

The livewell has a drain located high on the wall of the bucket to regulate the amount of water in the unit. The bottom drain is used to empty the livewell of water completely.

A drain tube with strainer connects to the livewell drains and will direct overflow/excess water to the transom thru-hull drain.

### Raw Water Washdown

The raw water washdown hose connection is located on the forward section of the port gunnel (See figure 3.10.1). The fitting allows for connection of a common garden hose. It is important that the cap which is tethered to the connection be screwed onto the fitting when it is not being used. The raw water washdown is supplied by the 3.5 GPM (13.25L) pump activated by the "LIVEWELL/RAW WATER" switch on the console switch panel (See figure 2.13.1).

### Maintenance

Maintenance of the raw water system requires periodic inspection of the raw water intake strainer and all fittings and hoses for system integrity to prevent leaks. Clean away debris and/or tighten hose connections as required. The system should be run at least every other month to keep the pumps impellers in good condition. The Livewell and raw-water washdown fitting is fed by the same pump. Access to the pump and seacock is through the lower aft interior of the console.

### Head System

#### Environmental Considerations

*The Environmental Protection Agency (EPA) standards state that in freshwater lakes, reservoirs, 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 traffic subject to this regulation, marine sanitation certified by the United States Coast Guard (U.S.C.G.) installed on vessels **shall be designed and operated to prevent the overboard discharge of sewage, treated or untreated or any other 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 the waters where a Coast Guard certified marine sanitation device permitting discharge is allowed include: Coastal waters, Estuaries, The Great Lakes and Intercoastal waterways, Freshwater lakes and Impoundments accessible through locks and other flowing waters that are navigable interstate by vessels subject to this regulation. (40CFR 140.3)*

#### NOTICE

**This boat may be equipped with a direct overboard discharge valve. Discharging of sewage directly overboard is for use where approved only.**

**Damage to the system could occur if the discharge seacock is not open during operation.**

The 255 Conquest is fitted with a Sani-Potti waste containment system located in the cabin. The system includes a Sani-Potti unit, vent and associated hoses and clamps. The Sani-Potti unit has a lower tank and an upper tank. The upper tank holds freshwater used for flushing the system. The lower tank has a waste containment capacity of 5.2 Gal. (19.7 L).

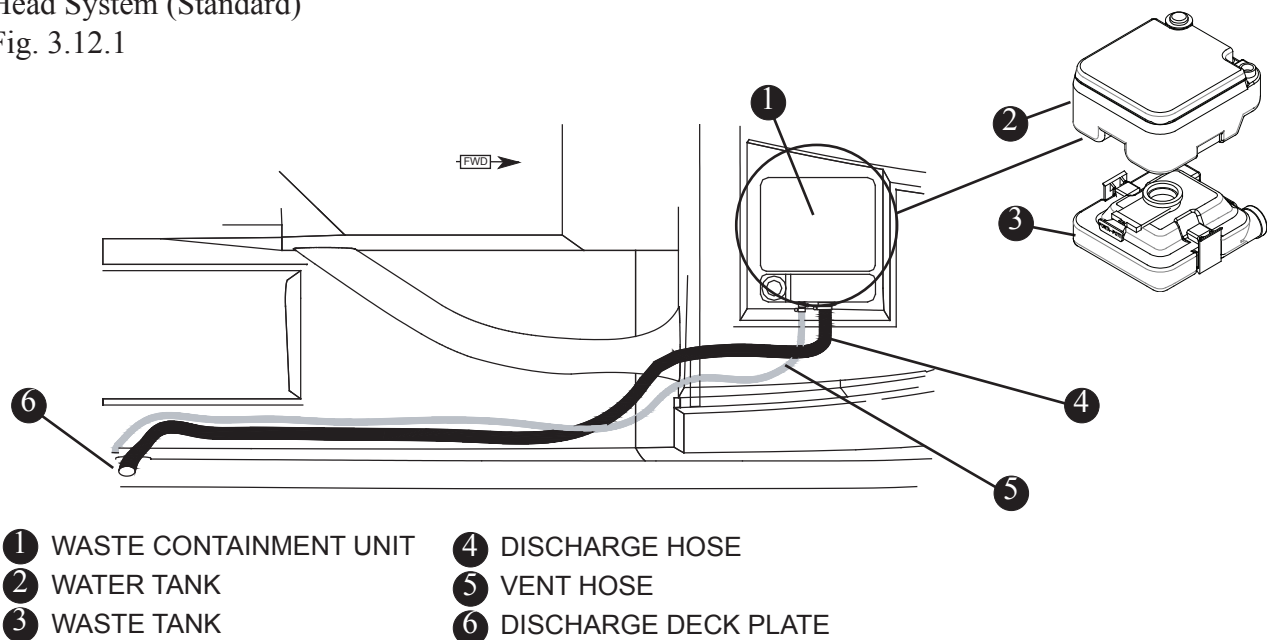
A dockside discharge deck plate is located on the starboard gunwale and is marked "WASTE". Access is gained by use of a special key that is included in the owners manual packet.

The dockside facility will have a connection to fit your boat.

REFER TO THE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS AND WARRANTY.

Head System (Standard)

Fig. 3.12.1



### Head System (Option)

If equipped, the optional head system provides for dockside pumpout and /or direct overboard discharge.

#### NOTICE

**Dockside discharge is a preferred method of waste disposal.**

The dockside facility will have a connection to fit your boat. It is important that you close your macerator

### MACERATOR/OVER BOARD DISCHARGE, (option)

The macerator/discharge pump draws solid and liquid waste from the holding tank of the unit and processes it prior to discharging it overboard through a lockable



#### CAUTION

**The discharge seacock should always be in the closed position when the toilet is not in use. Failure to do so could result in flooding, property damage and/or loss of life.**

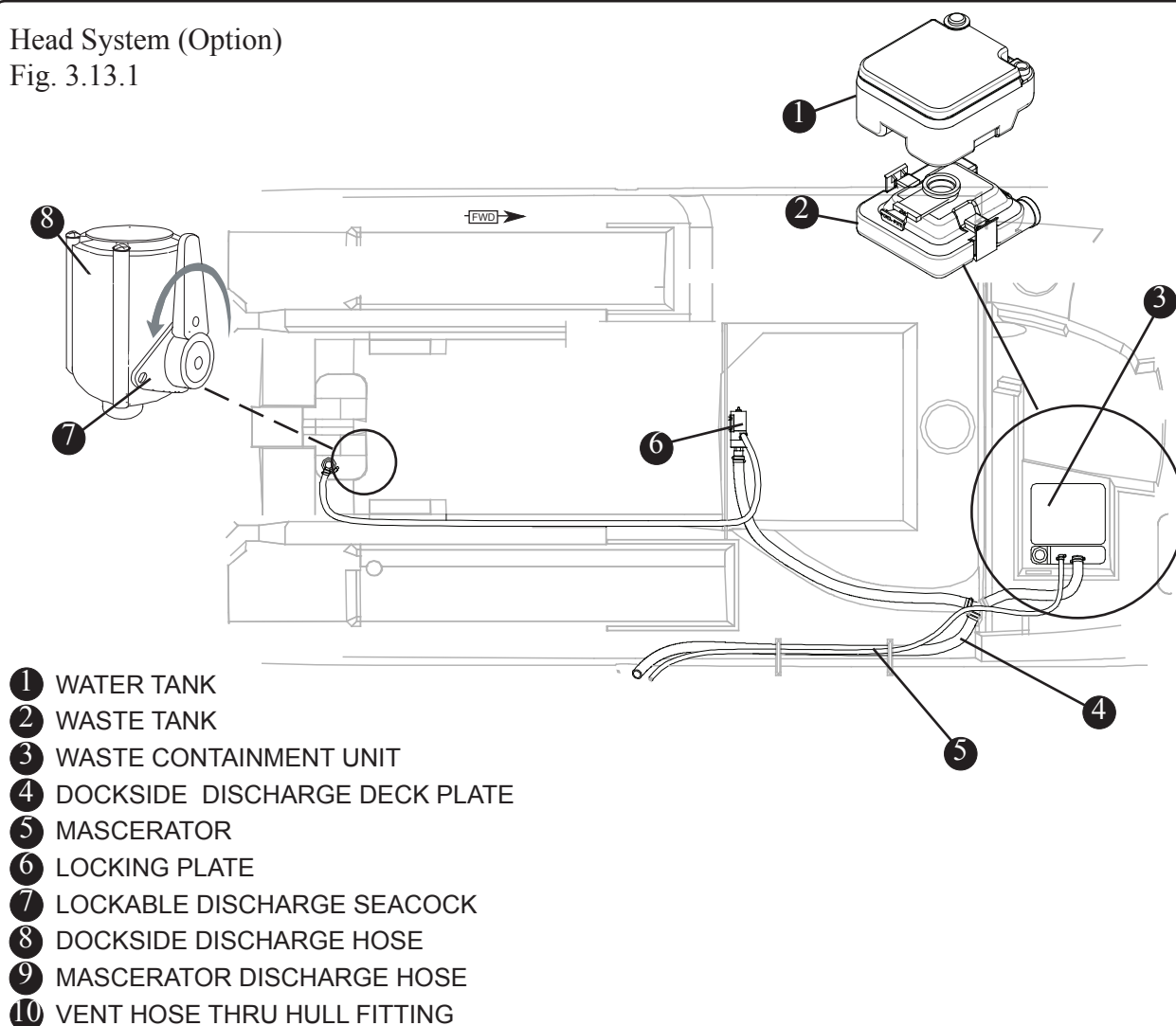
seacock. See “Macerator Operation” on following page for operating instructions.

To lock the discharge seacock; rotate the handle until the hole in the handle is aligned with the hole in the locking plate and insert a padlock (not supplied).

Contact your dealer or Coast Guard station for information on overboard discharge and its penalties.

Head System (Option)

Fig. 3.13.1



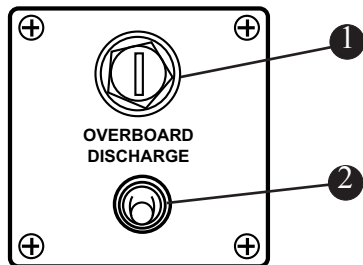
### Macerator Operation

The macerator control panel is located on the wall behind the head unit. If the “FULL” light is on you must empty the holding tank before the system will function properly.

- Make sure the raw water intake and discharge seacocks are in the open position.
- Insert the macerator key, which is included in your owners manual packet, into the panel.
- Depress the lever on the toilet to deplete the vacuum.
- Turn the key clockwise and hold it there.
- When you are satisfied that the tank has been emptied, return the key to the upright position.
- The system is now ready for normal operation.

Waste Discharge Panel

Fig. 3.14.1



### NOTICE

**Severe state and federal penalties are levied for discharging raw sewage and solid waste in waters where it is not permitted.**

**Demonstrating that you have disabled the macerator by locking the system and/or removing the seacock handle may avoid a fine.**

**It is illegal for any vessel to dump plastic trash anywhere in the ocean or navigable waters of the United States.**

### NOTICE

**The pump is designed to handle waste, toilet tissue and facial tissue and will not pump solid objects.**

### NOTICE

**It is important that you close your macerator discharge seacock prior to using a dockside pumpout facility.**

### NOTICE

**There are bodies of water where discharge of raw sewage is prohibited. Keep seacock lock engaged when in waters where discharge is not permitted.**

### Maintenance

After long periods of non-use, the macerator pump may not turn freely. Regular use of the system will reduce the chances of this occurring. If the system does require maintenance contact your nearest dealer.

### NOTICE

**NEVER use residential tissue paper in your marine waste system.**

REFER TO THE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS AND WARRANTY.

### Vacu-Flush® System (Option)

If equipped, the optional Vacu-Flush® system provides for dockside pumpout and /or direct overboard discharge.

The dockside facility will have a connection to fit your boat. It is important that you close your macerator

### NOTICE

Dockside discharge is a preferred method of waste disposal.

#### MACERATOR/OVER BOARD DISCHARGE, (option)

The macerator/discharge pump draws solid and liquid waste from the holding tank of the unit and processes it prior to discharging it overboard through a lockable seacock. See “Macerator Operation” on following page for operating instructions.

To lock the discharge seacock; rotate the handle until the hole in the handle is aligned with the hole in the locking plate and insert a padlock (not supplied).

Contact your dealer or Coast Guard station for information on overboard discharge and its penalties.

### CAUTION

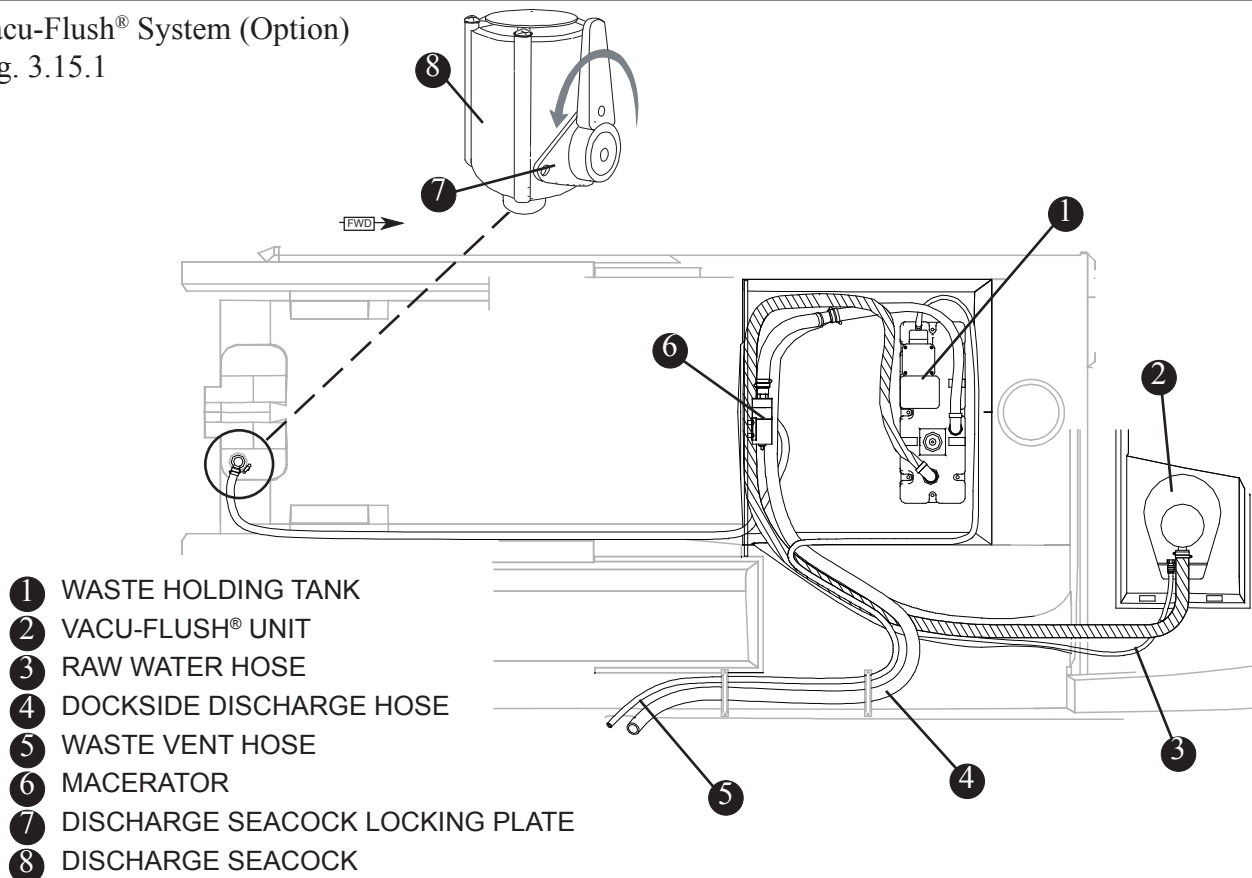
The discharge seacock should always be in the closed position when the toilet is not in use. Failure to do so could result in flooding, property damage and/or loss of life.

#### Macerator Operation

The macerator control panel is located on the wall behind the head unit. If the “FULL” light is on you must empty the holding tank before the system will function properly.

- Make sure the raw water intake and discharge seacocks are in the open position.
- Insert the macerator key, which is included in your owners manual packet, into the panel.
- Depress the lever on the toilet to deplete the vacuum.
- Turn the key clockwise and hold it there.

Vacu-Flush® System (Option)  
Fig. 3.15.1



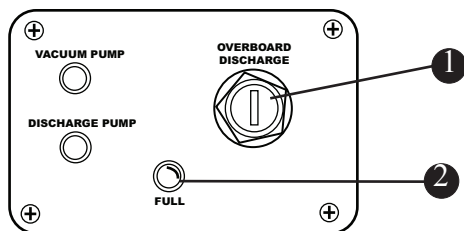
- When you are satisfied that the tank has been emptied, return the key to the upright position.
- The system is now ready for normal operation.

### NOTICE

- **NEVER use residential tissue paper in your marine waste system.**
- **There are bodies of water where discharge of raw sewage is prohibited. Keep seacock lock engaged when in waters where discharge is not permitted. Demonstrating that you have disabled the macerator by locking the system and/or removing the seacock handle may avoid a fine.**
- **Severe state and federal penalties are levied for discharging raw sewage and solid waste in waters where it is not permitted.**
- **It is illegal for any vessel to dump plastic trash anywhere in the ocean or navigable waters of the United States.**
- **It is important that you close your macerator discharge seacock prior to using a dockside pumpout facility.**
- **The pump is designed to handle waste, toilet tissue and facial tissue and will not pump solid objects.**

Waste Discharge Panel

Fig. 3.16.1



- 1 VACUUM PUMP KEYSWITCH
- 2 "FULL" INDICATOR LIGHT

### Maintenance

After long periods of non-use, the macerator pump may not turn freely. Regular use of the system will reduce the chances of this occurring. If the system does require maintenance contact your nearest dealer.

REFER TO THE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS AND WARRANTY.

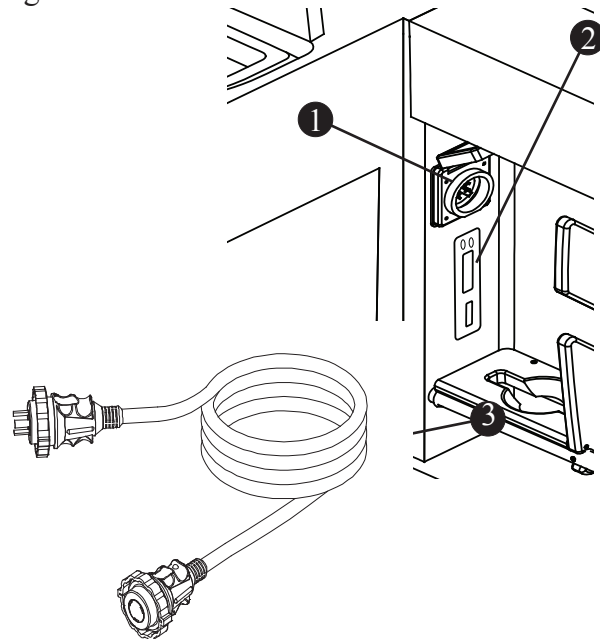
### Shore Power

The 120V/30A shore power system provides dockside power to operate all of your boat's electrical system and charge your batteries.

Use the supplied 50 ft. power cord to connect your boat to a dockside power source. The boatside receptacle is located under the port gunwale opposite the control station. The main breaker panel for the shore power system is located on the aft wall portside in the cockpit.

Shore Power Receptacle

Fig. 3.16.2



- 1 SHORE POWER RECEPTACLE
- 2 SHORE POWER MAIN BREAKER
- 3 SHORE POWER CORDSET

### CAUTION

#### To minimize shock hazard:

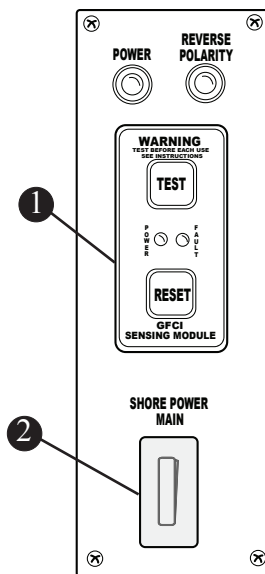
- **Be certain that the shore power main switch is turned OFF before connecting the power cord cordset.**
- **Connect the cordset to the boat inlet first, then to the shore inlet.**
- **NEVER alter the cordset connectors.**

### Shore Power Hookup

Before making shore power connections make sure your boat is properly moored.

- Connect the female connector to the boat receptacle first.
- Next connect the male connector to the dockside panel.
- Check the breaker panel. DO NOT continue if the “REVERSE POLARITY” light is on. Remove cordset and report the situation to the dockmaster.

Shore Power Main Breaker panel  
Fig. 3.17.1



- ① ELCI (EQUIPMENT LEAKAGE CIRCUIT INTERRUPTER)
- ② SHORE POWER MAIN BREAKER

- If the reverse polarity light is not on, switch the “SHORE POWER MAIN” on.

In addition to supplying alternative power to your boat, shore power hookup gives you the ability to charge your batteries without running the engines. The system is automatic and little or no maintenance is required. The battery charger can be accessed through the hatch in the lower aft of the forward console.

REFER TO THE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS AND WARRANTY.

### Galvanic Isolator (Option)

Your boat may be equipped with a galvanic isolator, which blocks low voltage DC on the shore power ground wire.

The galvanic isolator prevents dockside electrolytic voltages from damaging the metal parts of your boat which come in contact with the water. Additionally, the galvanic isolator will safely conduct high currents (above 1.5 volts) to ground in the event of a short circuit or power leakage on your boat.

### Maintenance

The galvanic isolator unit is highly reliable. It should, however, be tested once per season, and re-tested after a condition that may have influenced it, such as a lightning strike in the vicinity, or on-board electrical short that either caused a circuit breaker or fuse to blow.

### CAUTION

**Under normal conditions the zincs on your boat should last at least one year, much longer if no problems occur. If abnormal deterioration of the zincs occur a problem exists and should be corrected immediately.**

REFER TO THE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS AND WARRANTY.

### **ELCI (Equipment Leakage Circuit Interruptor)**

The shore power system on your boat includes an ELCI (Equipment Leakage Circuit Interrupter) located on a panel on the starboard aft wall of the console interior (See figure 3.17.1).

The ELCI is designed to protect people from line-to-ground shock hazards which may occur from defective, misused or neglected electrical equipment. The ELCI will not prevent line-to-ground electric shock, but does limit the time of exposure to a period considered safe for normal healthy persons. If an imbalance of current is sensed, the ELCI will trip when the ground fault exceeds 0.030 amps. This tripping action will occur within a fraction of a second to prevent serious injury.

### **DANGER**

**The receptacle will not protect against line-to-line or line-to-neutral faults, short circuits or overloads.**

### **TESTING & TROUBLESHOOTING TEST BEFORE EACH USE**

**NORMAL OPERATING STATE** - Sensing device GREEN LED is ON and circuit breaker is at ON position.

**Step 1** - Press TEST button. GREEN LED should go OUT and RED LED should come ON and circuit breaker should trigger to OFF position.

**Step 2** - If sensing device LED or breaker does not trip or change state **DO NOT USE**. Consult an electrician for assistance.

**Step 3** - Press RESET button. The RED LED should turn OFF and the GREEN LED should turn ON.

**Step 4** - Manually reset (switch) circuit breaker to ON position to restore circuit power.

### **WARNING**

**IF ABOVE TESTS FAIL, DO NOT USE.  
CONSULT A QUALIFIED ELECTRICIAN FOR  
REPAIR OR REPLACEMENT.**

### Trim tabs

#### NOTICE

**Ensure continuous visibility of other boats, swimmers and obstacles during bow-up transition to planing. Adjust engine to an intermediate trim as soon as boat is on plane to avoid possible ejection due to boat spinout. Do not attempt to turn boat when the engine is trimmed extremely down/under/in.**

Your 255 Conquest is fitted with hydraulic trim tabs. The trim tabs are located on the lower section of your transom and are used to trim the list of your boat caused by improper storage, too many persons on one side of the boat, or strong cross winds. An untrimmed boat will: decrease the visibility the pilot has, reduce fuel economy, increase wear on your engine(s). While accelerating there is some loss of forward visibility before the boat is on plane, the trim tabs can be used to adjust for forward visibility while underway.

#### Operation

The trim tabs are controlled by rocker switches located on the center part of your console above the throttle control. Short momentary bursts of the rockers will achieve proper attitude of the hull. The trim tab switch is marked “bow up” and “bow down”.

Using the trim tabs will:

- Level the boat fore and aft.
- Reduce resistance in the steering system.
- Give you a smoother more stable ride.
- Speed will increase and there will be less strain on the engines.

The trim tab pump is accessed under the aft cockpit hatch and is located on the port wall.

To service the unit, remove the tinted plastic cover to gain access to the reservoir fill plug and motor parts. Please consult your owner's manual for manufacturers recommendation concerning the type of fluid that is best suited for your boat. When

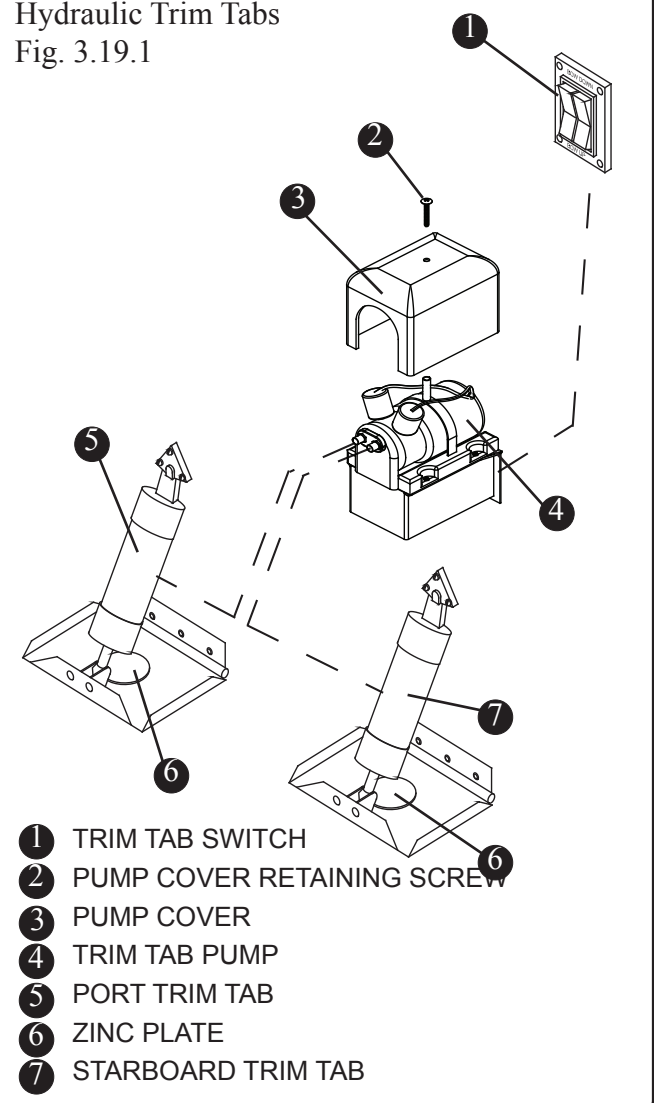
filling the reservoir with fluid, be sure to fill up to the “FULL” mark on the pump base. Add fluid with the trim tabs in the “UP” position only.

#### Maintenance

Check for leaks in all the connections and hoses for every 50 hours of operation. If leaks occur, the system may need to be purged and refilled. Use only the fluid specified by the trim tab manufacturer when refilling the system. When the boat is out of the water you should inspect the planes and hinges for marine growths and remove as necessary.

Hydraulic Trim Tabs

Fig. 3.19.1



REFER TO THE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS AND WARRANTY.

### Propeller

#### NOTICE

- **It is advised that you always carry a spare propeller, propeller hardware and propeller wrench on board. Should your propeller become damaged it can then be easily replaced.**
- **Under no circumstance should you use a propeller which allows the engine to operate at a higher than recommended RPM.**

The engine on your 255 Conquest has been equipped with a propeller which our tests have shown to be best suited for general use under normal conditions and load. In some situations you may wish to change the propeller to give your boat slightly different performance characteristics.

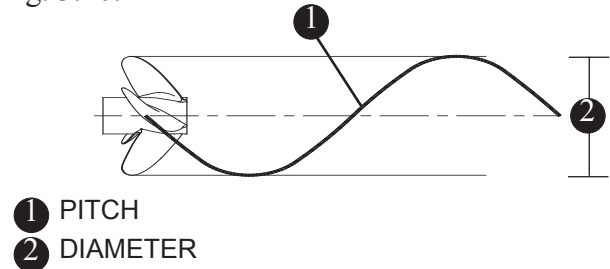
In general, changing to a lower pitch propeller will increase acceleration and load pulling capability, with a slight decrease in top end speed. If you choose to change propellers, the type should be discussed with your Boston Whaler® dealer. All propellers are designed to provide maximum forward thrust, consequently, the reverse thrust of the propeller will not be as efficient.

Propellers have two basic characteristics, diameter and pitch.

Diameter is that distance measured across the propeller hub from the outer edge of the 360° that is made by the propeller's blade during a single rotation. Pitch is that distance in inches that a propeller will travel if rotated one revolution without any slippage.

Propeller Pitch & Diameter

Fig. 3.20.2



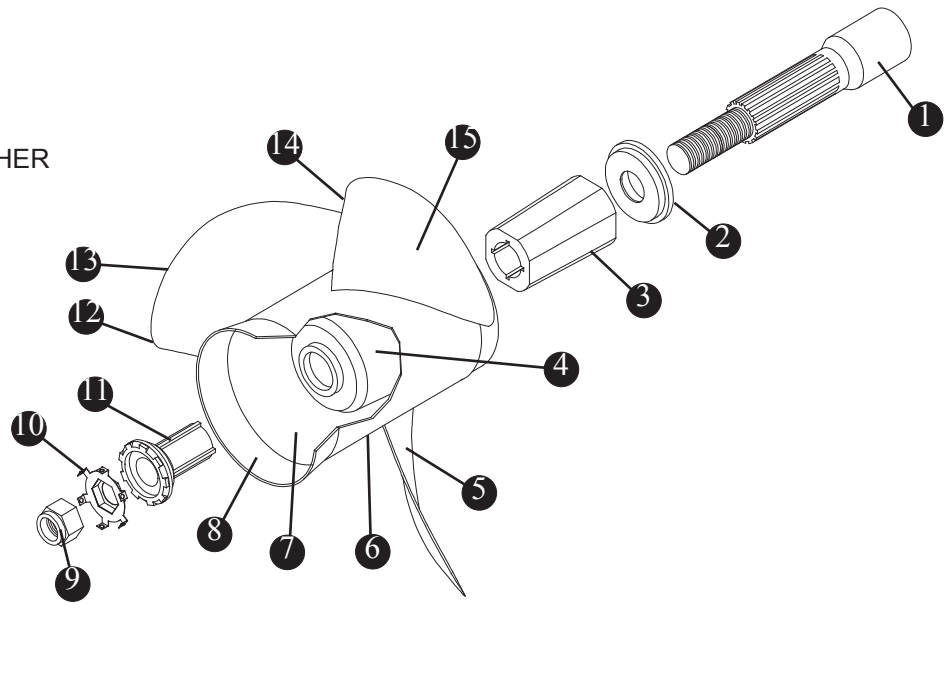
#### ⚠ DANGER

**Disconnect power by moving the battery switch to the "OFF" position prior to removing the propeller.**

### Propeller Assembly

Fig. 3.20.1

- 1 ENGINE SHAFT
- 2 FORWARD THRUST WASHER
- 3 DRIVE SLEEVE
- 4 INNER HUB
- 5 BLADE BACK
- 6 OUTER HUB
- 7 EXHAUST PASSAGE
- 8 DIFFUSER RING
- 9 PROP NUT
- 10 LOCK RING
- 11 DRIVE SLEEVE ADAPTER
- 12 BLADE TIP
- 13 LEADING EDGE
- 14 TRAILING EDGE
- 15 BLADE FACE



### Operating Your MP3 Player (Option)

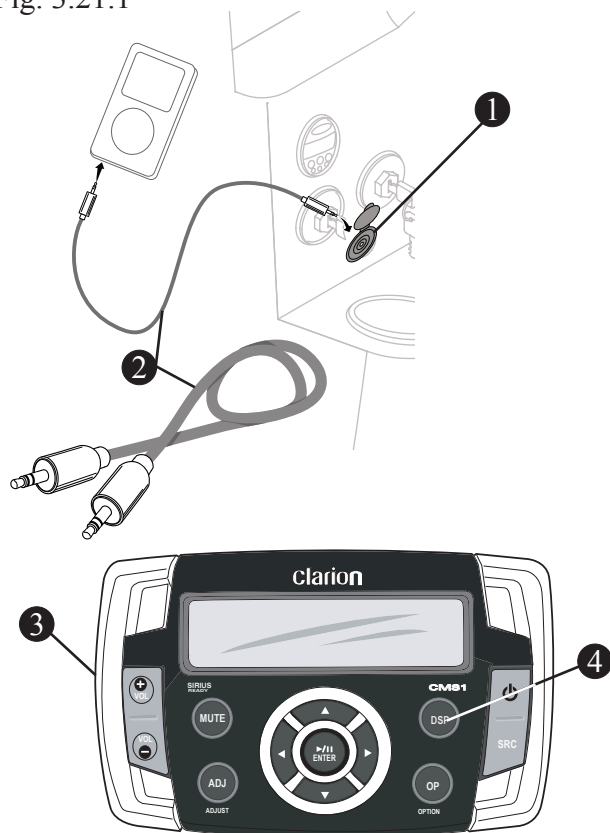
The MP3 input on your boat uses a standard 1/8" mini stereo cable (not included) which can be purchased at any electronic store.

- Insert one end of the stereo cable into your MP3 player and the other end into the MP3 input located next to the stereo control on the console.
- Turn the stereo ON.
- Turn your MP3 player ON
- Press and hold "Display" button to scroll to "MP3".

You will be able to control volume and menu from either your MP3 unit or the stereo control.

#### MP3 Operation (Option)

Fig. 3.21.1



- 1 MP3 INPUT
- 2 1/8" MINI STEREO CABLE (NOT SUPPLIED)
- 3 CLARION® AM/FM DIGITAL STEREO CONTROL
- 4 DISPLAY BUTTON

### Operating Your Stereo Using a USB Device (Option)

Your stereo can be used to play music from a personal flashdrive.

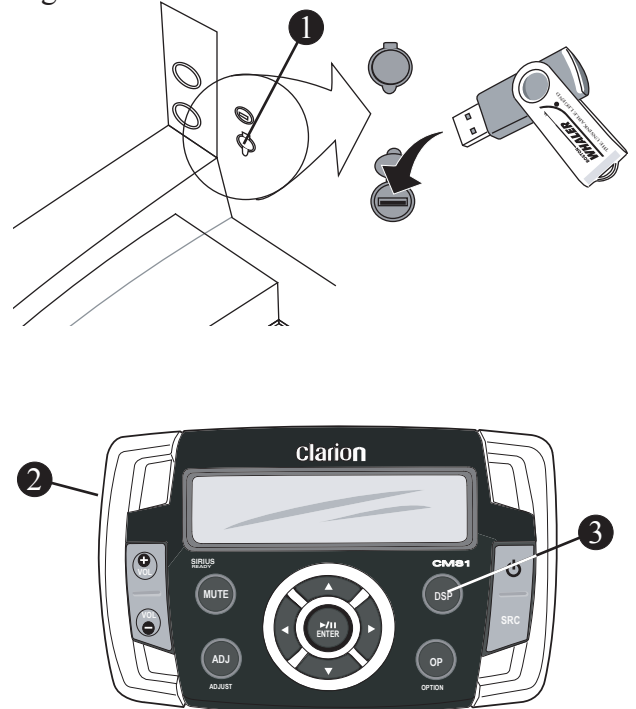
- Insert the USB device into the USB input located on the starboard side of the console.
- Turn the stereo ON.
- Push Display button and scroll to MP3

You will be able to control volume and menu from the stereo or the stereo remote.

REFER TO THE MANUFACTURER'S MANUAL IN YOUR OWNER'S MANUAL PACKET FOR COMPLETE INSTRUCTIONS, INFORMATION AND WARRANTY.

#### Stereo Operation Using USB Input (Option)

Fig. 3.21.2



- 1 USB INPUT
- 2 CLARION® AM/FM DIGITAL STEREO CONTROL
- 3 DISPLAY BUTTON

## Anchor Windlass (Option)

### **⚠ DANGER**

**Use the windlass switch on the helm whenever possible. Use care when operating the anchor windlass with the hand-held remote.**

If equipped, the anchor windlass is located directly port of the bow locker. The windlass gives you a mechanical means of raising and lowering the anchor.

The anchor windlass is controlled by a switch located on the helm, forward of the gear shift/throttle control. The switch is a momentary type switch which means that there must be constant pressure applied to the switch to operate the anchor windlass.

There is also a handle in the anchor locker that can be used to raise and lower the anchor manually in case the power to the anchor windlass is lost.

### Operating From the Helm

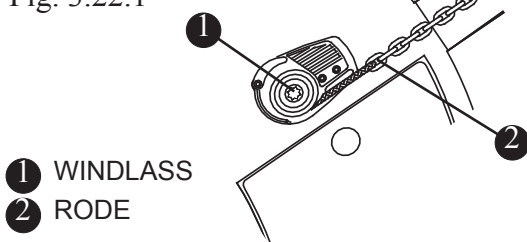
**LOWERING-** Pushing the top part of the control switch down will power the anchor windlass DOWN. Make certain that the safety lanyard is detached from the chain and is clear of any moving parts of the anchor windlass.

**RAISING-** Pushing the lower part of the control switch will power the anchor windlass UP. Once the anchor and rode is secure in the UP position attach the safety lanyard to the rode.

### Operating The Windlass Manually

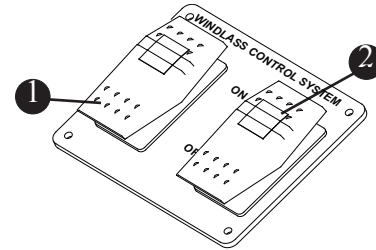
In the event that there is a loss of power to the windlass the anchor can be raised and/or lowered manually by using the emergency handle located in the bow locker.

Windlass  
Fig. 3.22.1



- 1 WINDLASS
- 2 RODE

Windlass Switch Panel  
Fig. 3.22.2



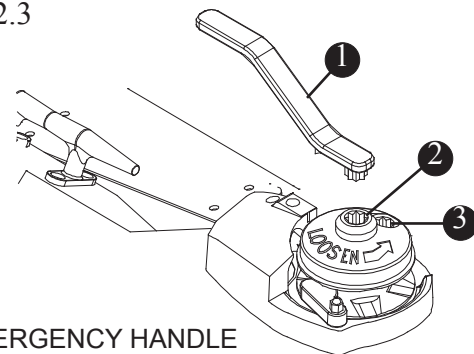
- 1 WINDLASS CONTROL SWITCH
- 2 WINDLASS POWER SWITCH

If there is a loss of power to the windlass, check the “WINDLASS” circuit breaker located on the Breaker Panel located in the console. (See figure 4.2.1). If the breaker is tripped, reset the breaker by pushing the lever up. If the breaker continues to trip, have the anchor windlass system checked by a qualified marine electrician.

There are two star sockets on the top of the windlass used for manual deployment of the anchor. Inserting the emergency handle into the center socket and turning it counter-clockwise will loosen the anchor windlass chainwheel. The star socket located off-center is used for retrieving and lowering the anchor. Turning the handle counterclockwise will allow you to lower the anchor, while turning it clockwise will raise it.

When operation is complete, insert the handle into the center star socket and tighten the windlass chainwheel by rotating the handle clockwise. Be sure to attach the safety lanyard when the anchor is stowed in the bow pulpit.

Windlass Manual/Emergency Operation  
Fig. 3.22.3



- 1 EMERGENCY HANDLE
- 2 LOOSEN WINDLASS
- 3 RAISE/LOWER ANCHOR

### Anchoring

The 255 Conquest is equipped with an anchor storage compartment located in the bow of the boat. Because there are a variety of anchors, with a variety of uses, **discuss the types of anchors with your dealer to find the right anchor for your boat.**

#### **WARNING**

**SWAMPING HAZARD - Anchor from the bow if using one anchor. A small current can make a stern anchored boat unsteady. A heavy current can drag a stern anchored boat underwater.**

### Considerations

- Wind and sea conditions can affect the boat.
- Because the boat is not moving through the water, there is no control.
- Be sure that the anchor will hold under all circumstances if you are leaving the boat.
- Understand the principles of rode and scope and their effect on anchor performance.

Proper anchoring requires knowledge of RODE and SCOPE and understanding the relationship between rode, scope and anchor performance.

**The rode** is the line connecting the anchor to the boat. Nylon line is ideal because it is light, strong

and stretches, it also can be stored wet and is easy to handle. Add a length of chain between the anchor and the nylon line to prevent abrasion of the line.

**The scope** is technically defined as the ratio of rode length to the vertical distance from the bow to the sea floor. Scope also depends on the type of anchor, tides, winds, sea conditions and type of sea floor the anchor is in. Since you want to know how much rode to use when anchoring, use this common formula:

**Rode length** = (bow height + water depth) X Scope

The minimum is 5:1 for calm conditions; normal is 7:1, and severe conditions may require a 10:1.

#### **Example:**

$$\text{Rode length} = (3 \text{ feet} + 10 \text{ feet}) \times 7^*$$

$$\text{Rode length} = 13 \text{ feet} \times 7^*$$

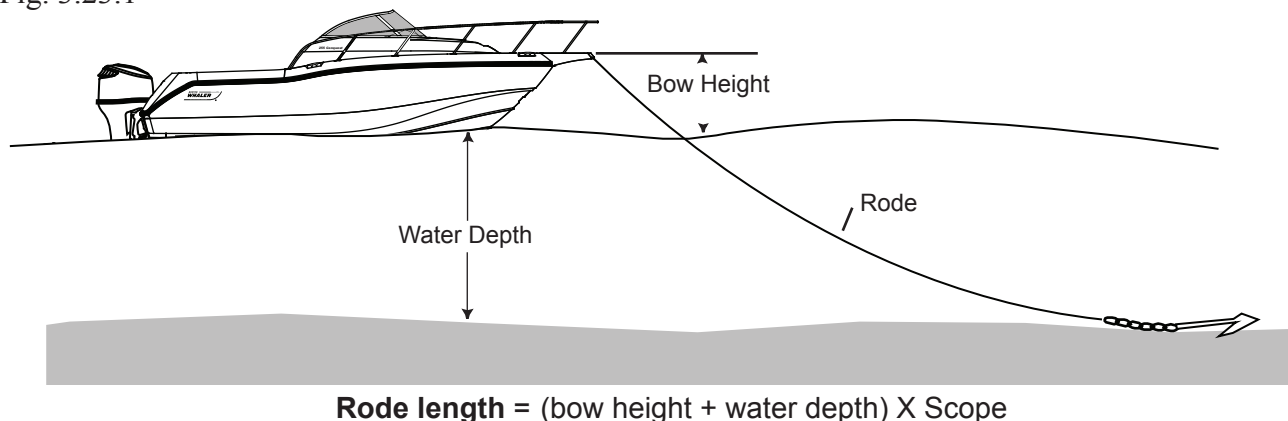
$$\text{Rode length} = 91 \text{ feet}$$

\* Scope may range from 5 to 10 or more. However, less than 5, the anchor will break out too easily.

#### **NOTICE**

**Before using the anchor be sure the anchor line is secured to the eye in the bottom of the anchor locker.**

Proper Anchoring  
Fig. 3.23.1



### Lowering The Anchor

- Be sure there is adequate rode.
- Secure rode to both the anchor and the boat.
- Stop the boat completely before lowering the anchor.
- Keep feet clear of lines.
- Turn on the anchor light when at anchor or drifting (not under power) at night or in low visibility.

NOTE: If using the windlass, refer to the windlass operator's manual for anchoring instructions

### Setting the Anchor

There is no best way to set an anchor. Experiment to see how it performs. One method is to turn the rode around a bitt or a cleat and slowly pay out as the boat backs from the anchor site. When the proper scope

has been reached snub the rode quickly, causing the anchor to dig in to the sea bottom.

- Reverse the engine slowly to drive the anchor in and to prevent it from dragging.
- Secure the rode to the bitt or cleat.

### Weighing the Anchor

To weigh (or retrieve) the anchor, start the boat and run slowly up to the anchor, taking up the rode as you go. The anchor will usually break out when the rode becomes vertical. Coil lines to let them dry before stowing.



### CAUTION

**Be careful that the trailing lines do not foul in the propeller**

## Electrical System

The 255 Conquest is equipped with an electrical system powered by two (2) marine, deep-cycle, lead-acid batteries which control the delivery of power to the following:

- Engine Ignition.
- Engine tilt trim system
- Helm switch panel & helm instrument panel
- Lighting/Navigation systems
- Livewell system
- Add-on accessories and electronics

## Batteries

### ⚠ DANGER

**Batteries contain sulfuric acid which is dangerous and can cause serious injury. AVOID contact with skin, eyes and clothing. If contact occurs, immediately flush the affected area with large quantities of water and call for medical assistance.**

### NOTICE

**Always store the batteries in the covered battery boxes. Use the straps and clamps to keep the box secure while underway.**

### NOTICE

**REFER TO YOUR ENGINE OWNER'S MANUAL FOR EXACT BATTERY REQUIREMENTS.**

The chart below is provided for reference purposes only. Use only AGM batteries with Verado engines.

| Application | Group | Volts | MCA* | RC 25   | Qty. |
|-------------|-------|-------|------|---------|------|
| USA (SAE)   | 27    | 12    | 800  | 135 min | 2    |

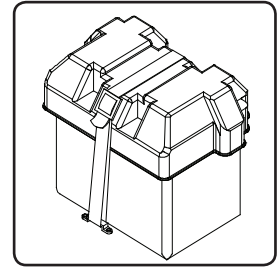
\* Marine Cranking Amps

| Application | Group | Volts | CCA* | Reserve | Qty. |
|-------------|-------|-------|------|---------|------|
| Intn'l (EN) | 27    | 12    | 1000 | 180Ah   | 2    |

\* Cold Cranking Amps

## Battery Boxes

The batteries should always be enclosed in the covered battery boxes provided with your boat. The box will contain any spilled acid, as well as protect the battery terminals from damage or inadvertent shorting from coming in contact with metal objects. Each battery box should always be secured in place by using the straps and clamps provided, the straps will ensure that while underway the battery will not move around, causing damage to components stored in the same area.



The two (2) standard battery boxes can be accessed through aft cockpit hatch

### ⚠ CAUTION

- **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.**
- **The battery should always be disconnected before doing any work or maintenance on the electrical system.**
- **Never reset a breaker without first determining and correcting the cause of the trip. Should a circuit repeatedly trip, have a qualified electrician determine and correct the cause.**
- **If equipped with a battery switch, you will need to stop the engine before moving the switch to the "OFF" position.**

## Maintenance

Before use, check each battery for loose connections or wiring. Normal maintenance should include:

- Coat the terminals with dielectric grease
- Keep the batteries dry

- If not using a sealed battery, check & maintain the water level. **USE DISTILLED WATER ONLY.**
- Remove the batteries from the boat during cold weather or long term storage.

The most life shortening experience for the battery is to be drained to zero charge before recharging.

When a battery discharges, the active material on both positive and negative plates converts to lead sulfate, causing the plates to become more alike in an electrical charge. The electricity conducting battery acid becomes weaker and the voltage drops. As the battery remains discharged, the process continues until recharging the battery becomes impossible.

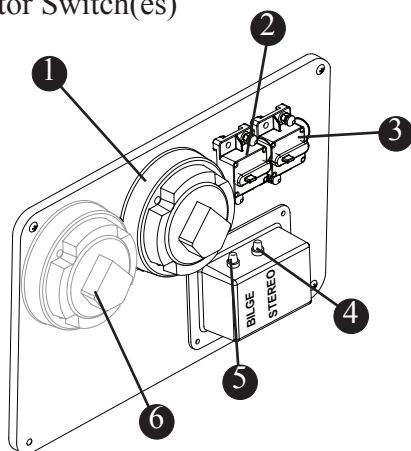
If the battery does become run down be sure to recharge it as soon as possible. Over charging the battery can be just as detrimental to its life as running it down too far.

### Battery Selector Switch(es)

Your boat uses a battery selector switch to control delivery of DC power from the batteries. The battery switch is located on the starboard bulkhead in the aft cockpit compartment.

Battery Selector Switch(es)

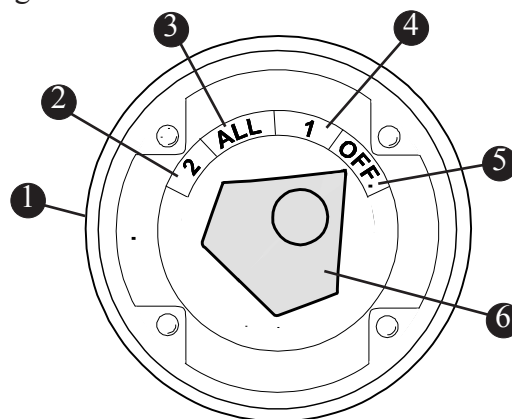
Fig. 4.2.1



- ① BATTERY SELECTOR SWITCH
- ② 80 AMP UNSWITCHED BREAKER MAIN
- ③ 80 AMP WINDLASS BREAKER (OPTION)
- ④ STEREO MEMORY RESET BREAKER
- ⑤ BILGE PUMP RESET BREAKER
- ⑥ OPTIONAL DUAL ENGINE BATTERY SELECTOR SWITCH

Battery Selector Switch

Fig. 4.2.2

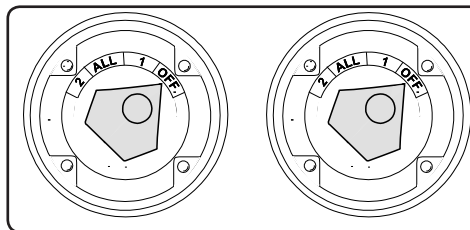


- ① BATTERY SELECTOR SWITCH
- ② "BATTERY 2" POSITION
- ③ "ALL" BATTERIES POSITION
- ④ "BATTERY 1" POSITION
- ⑤ "OFF" POSITION
- ⑥ SELECTOR SWITCH

### Dual Engine Battery Selector Switches (Option)

The battery switches have four (4) settings:

- "OFF"-you will have no power to the engines.

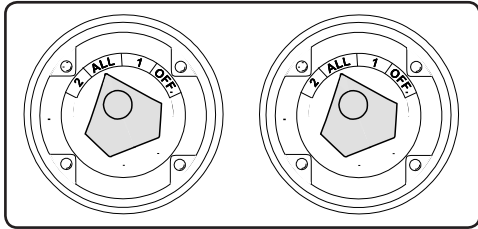


### ⚠ CAUTION

**You must stop the engine(s) before moving the battery switch(es) to the "OFF" position.**

## Section 4 • Electrical System

- **“ALL”** - you will have power from both port and starboard batteries at the same time. This parallels the batteries to assist you in starting the engines, once the engines are started the battery switches **MUST** be switched from the “ALL” setting, and set to charge either port or starboard battery.



### WARNING

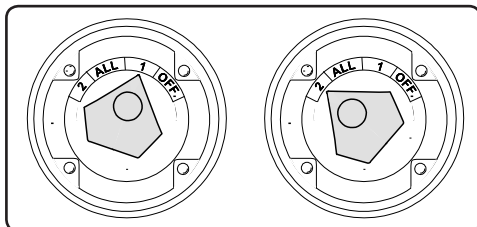
Do not operate boat with batteries in “ALL” once the engine is started or serious engine electrical damage may result.



### WARNING

- Use the “ALL” position only if both batteries are near the same voltage. If one battery is strong and the other weak, high current could cause battery damage.

- Port battery on “1”, starboard battery on “2” - preferred position for normal operation.



When the engine is shut down or not providing a charge, the system will draw power from the starboard batteries. This will allow you to run all the boats functions without affecting the port battery. In the event the starboard battery discharges completely, you will still be able to start the engines by turning the battery switch to the “ALL” position thus accessing the port battery for engine ignition.

### NOTICE

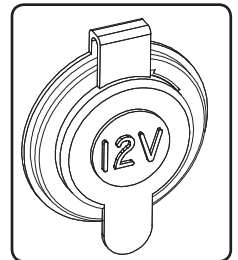
The Bilge pumps and stereo memory still draw power from the batteries, even if the switches are set to “OFF”.

### 12 Volt Accessory Receptacles

### NOTICE

**DO NOT** insert a cigarette lighter into the 12V receptacles. Damage to the unit and system may occur.

The 255 Conquest is equipped with a 12 volt receptacle located on the control station switch panel (See figure 2.14.1).



The receptacle is made of corrosion resistant marine grade materials and has a moisture proof cap. There is a 10 amp breaker located on the Main Distribution Panel in the console which protects the receptacle.

Be sure to use accessories that do not exceed the rated capacity of the circuit, (10 amps). Doing so will cause the breaker to trip.

## Fuse Block



### WARNING

**Use of higher amperage fuses or breakers is a fire hazard.**

**Use fuses and breakers having the same amperage rating as the original or as specified.**

There is a fuse block located on the underside of the control station. Access can be gained through a hatch on the aft starboard wall of the cabin.

In the event you need to replace a fuse, use only the same amperage as the original. It is recommended that you carry spare fuses.

If a fuse is replaced with one of lower amperage, it will not be sufficient to carry the electrical load of the equipment it is connected to and will cause nuisance fuse failure or breaker tripping.

If a fuse is replaced with one of higher amperage, it will not provide adequate protection against an electrical malfunction and will create a fire hazard.

## Optional Fuse Block

If equipped with the optional hardtop with electronics box, there is a second fuse block located on the port side of the electronics box interior.

## Component breakers

Component reset breakers are located above the equipment switches on the control station switch panel (See fig. 2.14.1) and on the battery switch panel in the aft starboard compartment (See fig. 4.2.1). In the event of a loss of power, determine and correct the problem before resetting the breaker at this panel. Should a circuit breaker trip repeatedly, have a qualified electrician correct the cause of the trip.



### CAUTION

**Never reset a breaker without first determining and correcting the cause of the trip. Should a circuit repeatedly trip, have a qualified electrician determine and correct the cause.**

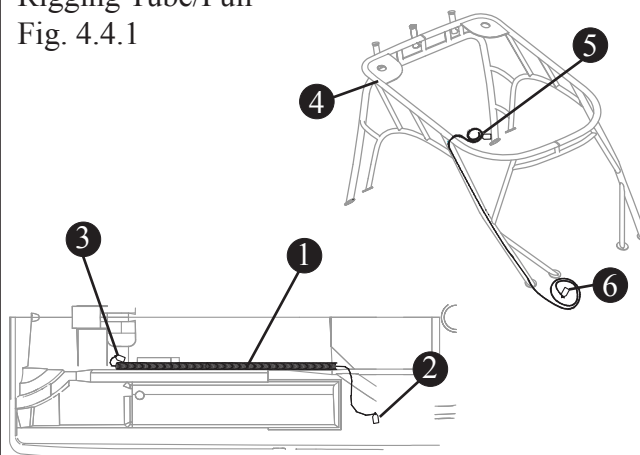
## Rigging

Your boat has a rigging trough above the fuel tank and below the floor to allow the owner to run new wiring for electronics. There is a pull cord installed through the tube with the ends bundled and tied at either end of the tube. The ends are located in the aft bilge and inside the console where it exits the rigging boot. Tie another piece of nylon cord to the current accessory wiring being run and use that for later runs.

If equipped with the optional hardtop the pull cord feeds through the forward starboard support. The upper bundled end is located in the electronics box and the lower end in the console.

### Rigging Tube/Pull

Fig. 4.4.1



- ① RIGGING TUBE
- ② FORWARD PULL CORD
- ③ AFT PULL CORD
- ④ HARDTOP (OPTIONAL)
- ⑤ UPPER PULL CORD (OPTIONAL)
- ⑥ LOWER PULL CORD (OPTIONAL)

## Section 4 • Electrical System

### Electrical Schematics & Harnesses

The following pages (4-6 thru 4-8) contain schematics pertaining to the electrical system in your boat. These schematics were generated by technicians in the Boston Whaler® Engineering Department and are for reference and to be used by service technicians.

Boston Whaler® does not recommend that you attempt to work on the electrical system yourself. Instead, we suggest that you take your boat to an authorized Boston Whaler® dealer for electrical service.

Boston Whaler® reserves the right to change or update the electrical system on any model at any time without notice to the customer and is not obligated to make any updates to units built prior to the change.

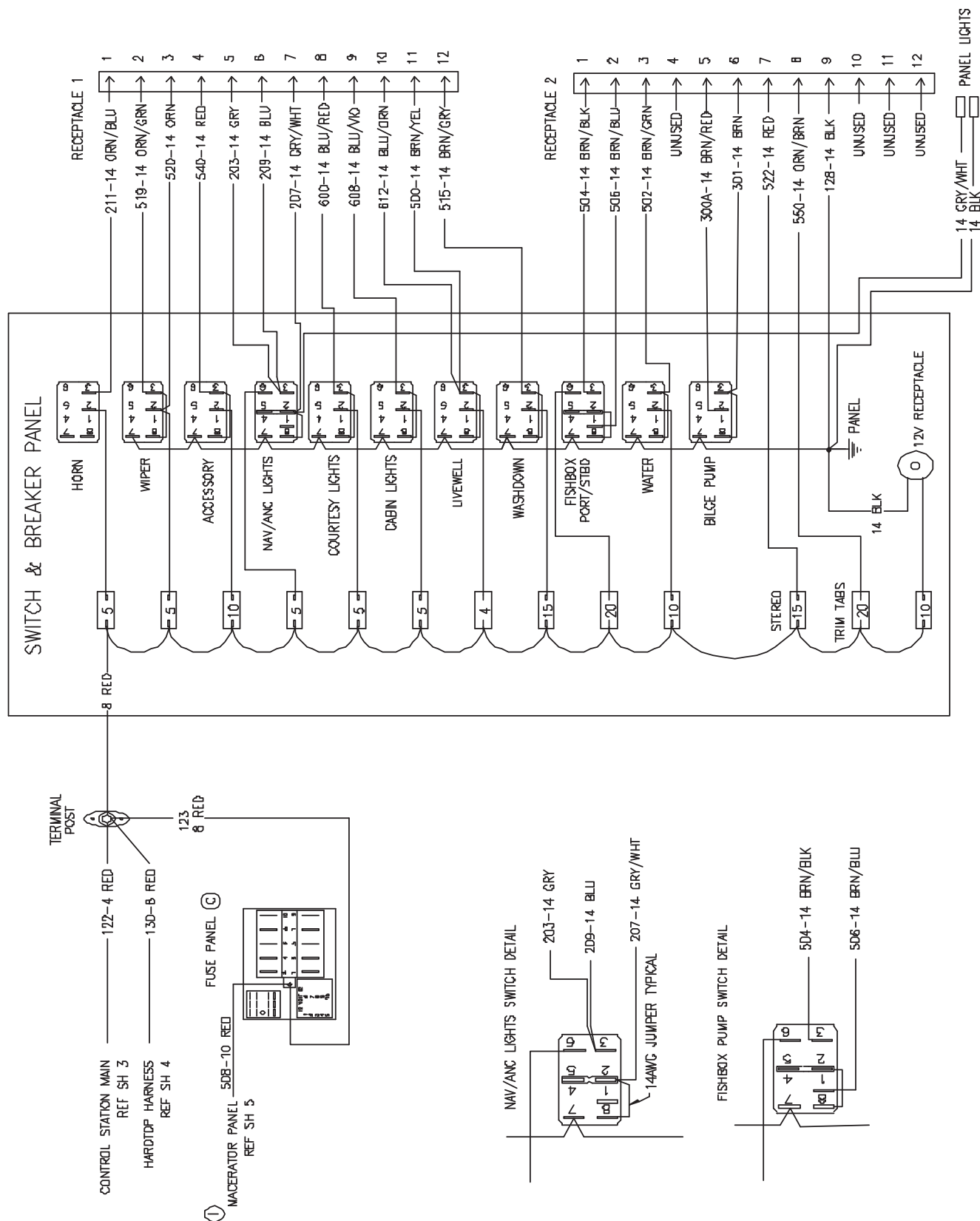
### Wiring Identification Chart

Boston Whaler® adheres to electrical wiring requirements which meet all the ABYC-11 standards. The following chart outlines the gauge, color and function of the wiring used.

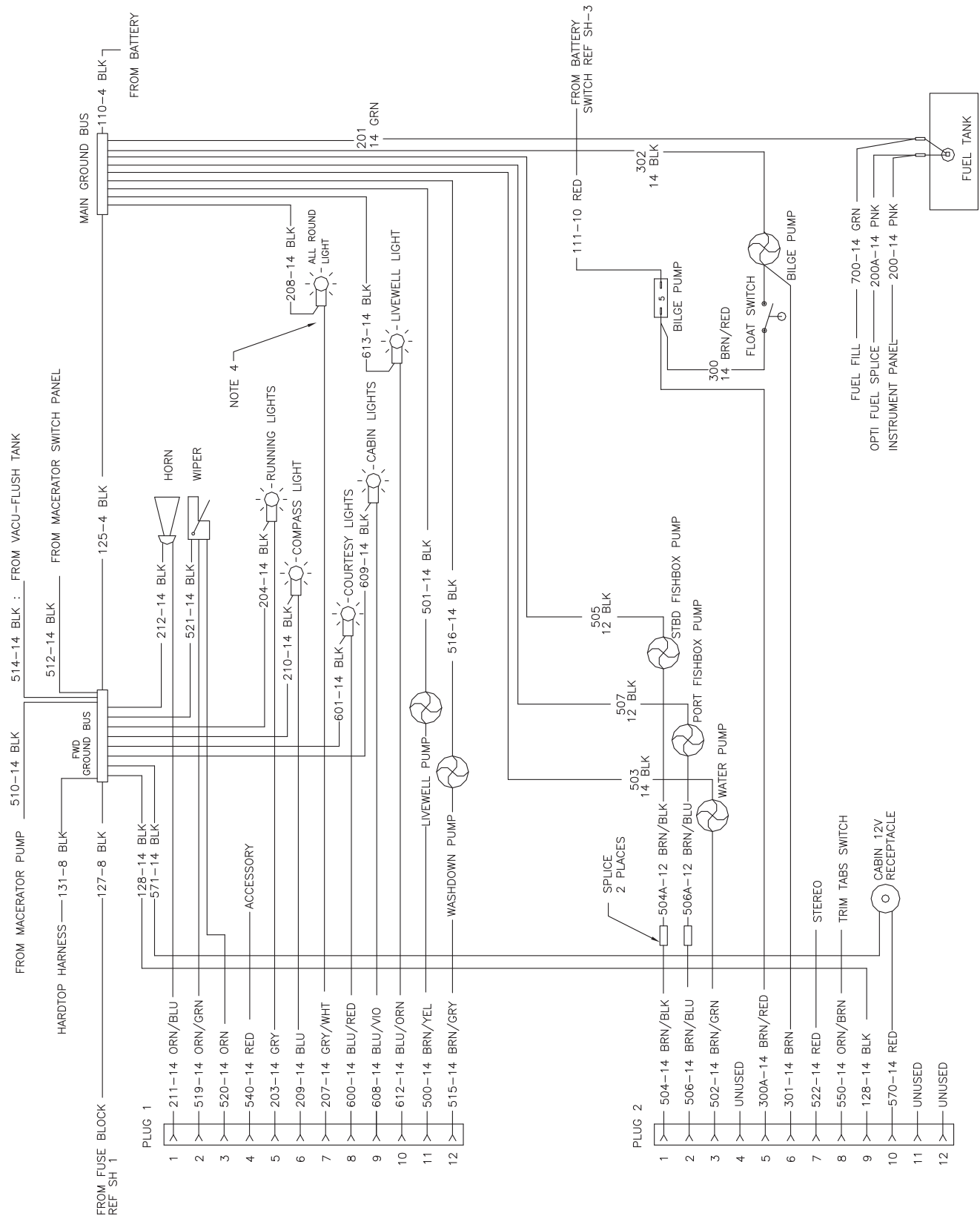
**Wire Color Chart for DC and Special Circuit**

| COLOR   | FUNCTION                                   | COLOR   | FUNCTION                                |
|---------|--------------------------------------------|---------|-----------------------------------------|
| GRN     | GROUNDING MAIN/TOWER & ALUMINUM FUEL TANKS | BRN/ORN | SUMP PUMP                               |
| GRN     | GROUNDING                                  | BRN/RED | BILGE PUMP (UNSWITCHED)                 |
| ORN     | STARBOARD 30 AMP RECEPTACLE                | BRN/WHT | MACERATOR                               |
| RED     | MAIN FEEDS/PORT 30 AMP RECEPTACLE          | GRY     | RUNNING LIGHTS                          |
| BRN/BLK | STARBOARD FISHBOX PUMP                     | GRY/BLK | ACC 1                                   |
| BRN/VIO | FORWARD FISHBOX PUMP                       | GRY/BLU | ACC 2                                   |
| BRN/YEL | LIVEWELL PUMP (HIGH CURRENT)               | GRY/GRN | ACC 3                                   |
| BRN/BLU | PORT FISHBOX PUMP                          | GRY/RED | AFT MAST/ACC 4                          |
| RED     | +12V MAIN                                  | GRY/WHT | ALL ROUND/FWD MAST LIGHT                |
| BLK     | GROUND                                     | ORN     | REFRIGERATOR or CENTER WIPER            |
| BLK/YEL | STOP CIRCUIT                               | ORN/BLU | HORN                                    |
| BLK/WHT | GEN SHUTDOWN                               | ORN/BRN | STARBOARD WIPER PARK                    |
| BLU     | COMPASS                                    | ORN/GRN | STARBOARD WIPER                         |
| BLU/BLK | DOME LIGHT                                 | ORN/RED | PORT WIPER                              |
| BLU/GRN | SPREADER LIGHT                             | ORN/VIO | VACUUM PUMP                             |
| BLU/ORN | LIVEWELL LIGHT                             | ORN/WHT | CENTER WIPER                            |
| BLU/RED | COURTESY LIGHTS                            | PINK    | FUEL SENDER                             |
| BLU/VIO | CABIN LIGHTS                               | RED     | 12V RECEPTACLE                          |
| BRN     | BILGE PUMP (SWITCHED)                      | VIO     | IGNITION                                |
| BRN/GRY | RAW WATER                                  | WHT     | CO MONITOR/ELECTRIC TRIM TAB (SWITCHED) |
| BRN/GRN | FRESH WATER                                | YLW     | BLOWER/STEREO MEMORY START              |
|         |                                            | YLW/RED |                                         |

Switch Panel Diagram  
Fig. 4.6.1



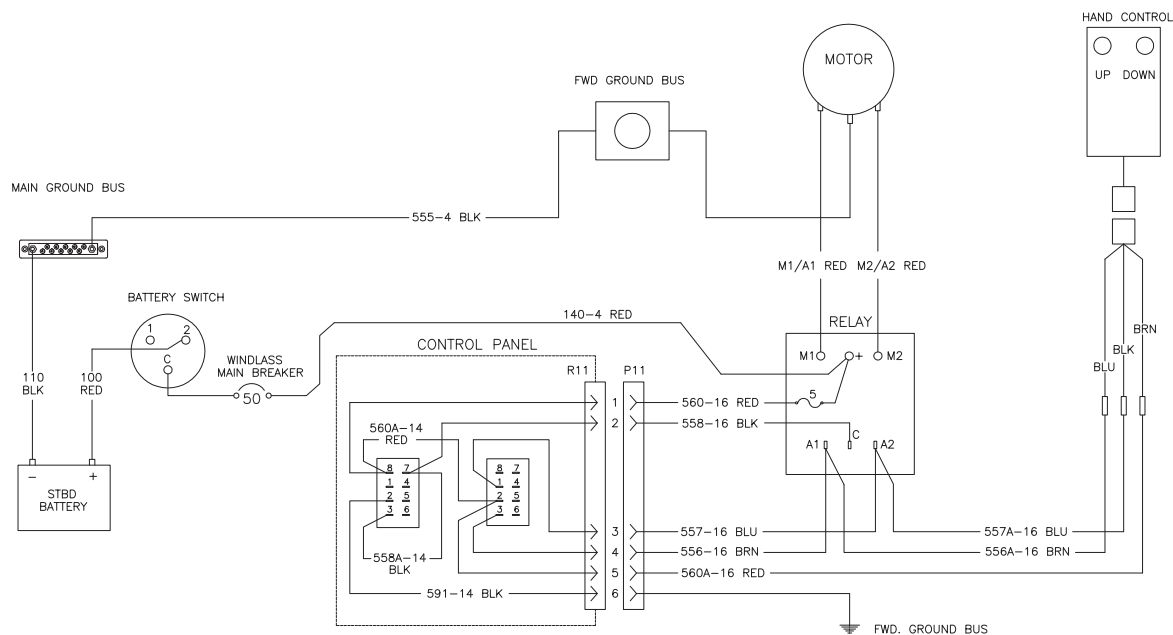
DC Wiring Diagram  
Fig. 4.7.1



## Section 4 • Electrical System

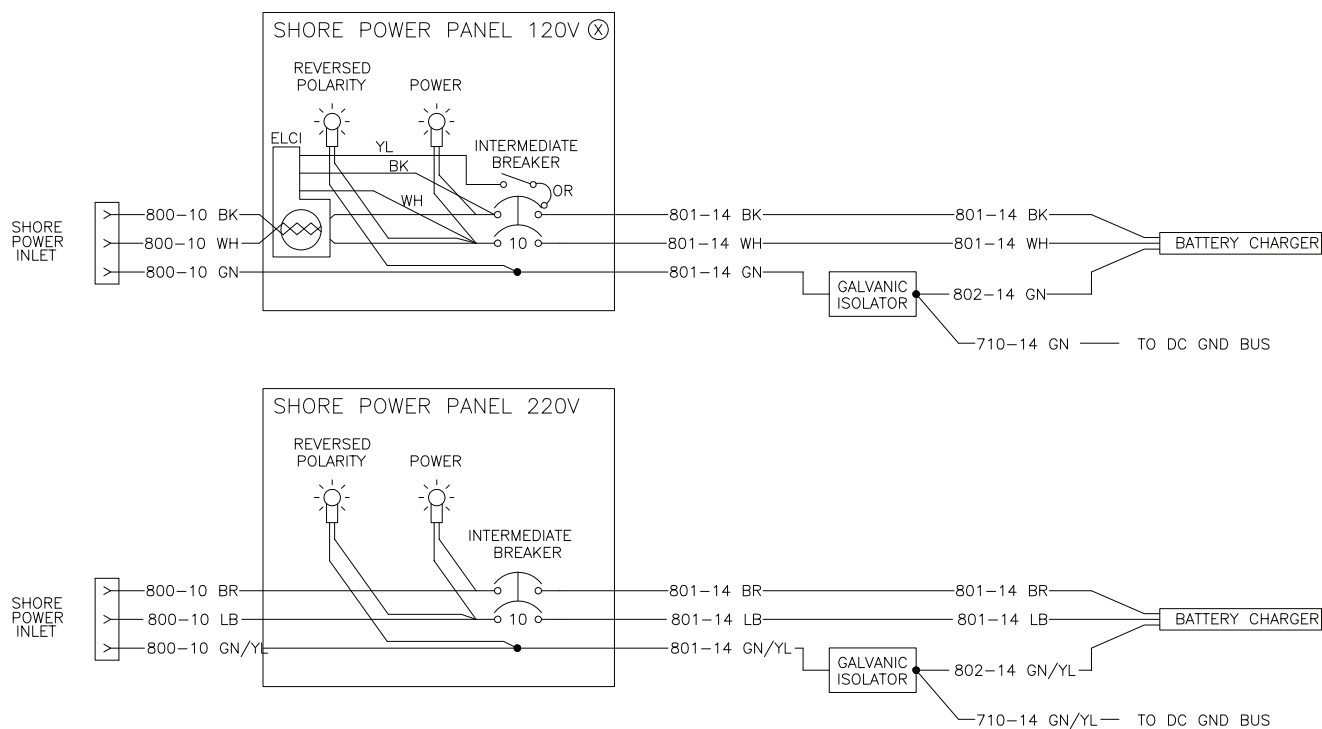
### Windlass Schematic

Fig. 4.8.1



### Shore Power Schematic

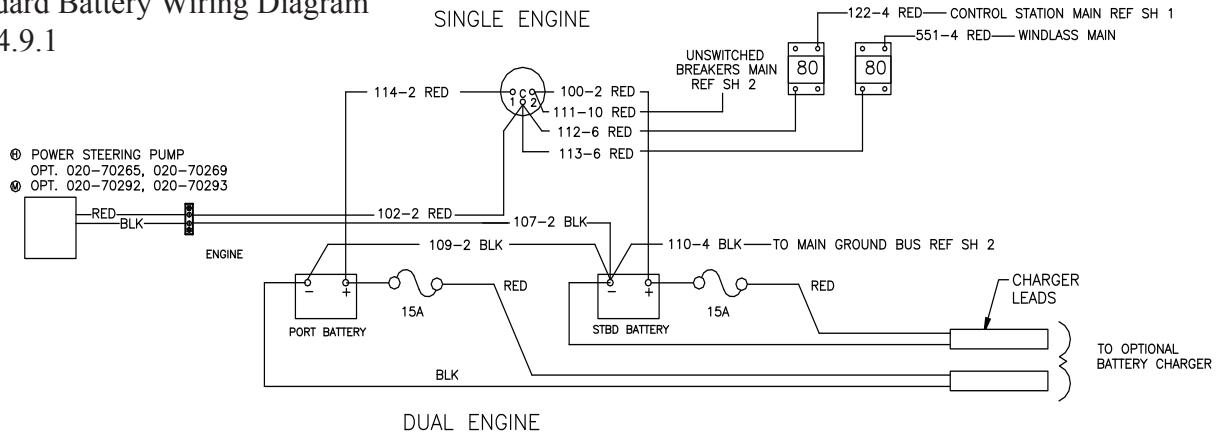
Fig. 4.8.2



## Section 4 • Electrical System

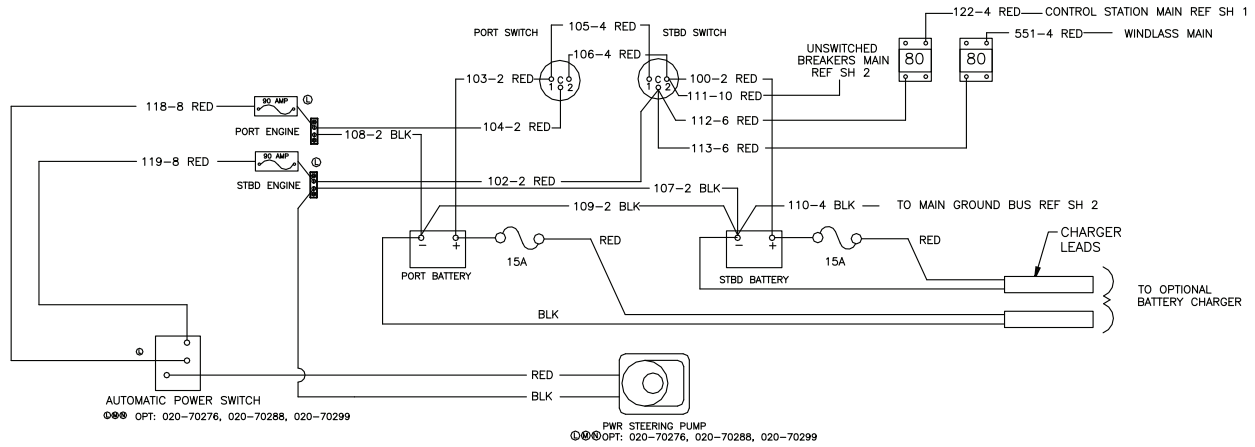
### Standard Battery Wiring Diagram

Fig. 4.9.1



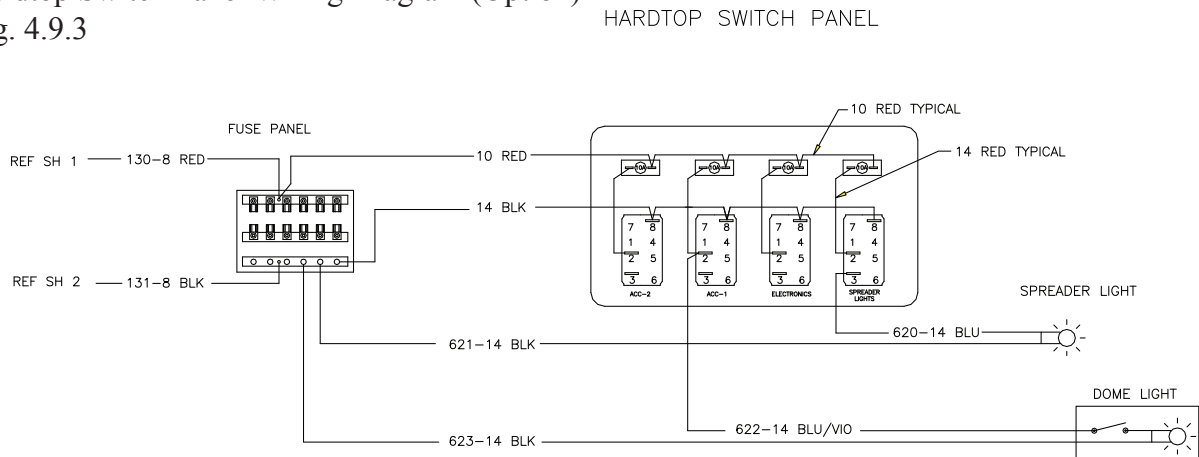
### Dual Engine Wiring Diagram (Option)

Fig. 4.9.2



### Hardtop Switch Panel Wiring Diagram (Option)

Fig. 4.9.3



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### Routine Care & Maintenance

#### NOTICE

**Refer to the individual manufacturers' manuals for important information regarding service, care and maintenance of your boat, equipment and components. Failure to do so may in some cases void the warranty.**

**Owner's Manuals for your boat and each of the various components and equipment can be found in your Owner's Manual Packet.**

#### ! DANGER

**When using solvents read all information from the solvent manufacturer regarding safety and handling of the material.**

**Wear proper protective equipment to ensure your personal safety.**

**Only use solvents in a well ventilated area and keep all solvents away from open flame and any other forms of ignition.**

Routine inspection, service and maintenance of your boat, boat systems and components are vital to assure your safety, as well as prolonging the life of your boat. You should develop regular routines for inspecting and servicing your boat.

#### ! WARNING IMPORTANT

**Regularly inspect & test hardware, fittings, windshields, hatches, seams, etc. for proper seal. Reseal and/or readjust/tighten fittings, latches, etc. as needed.**

The interval between necessary service or maintenance is highly variable, depending on the environment in which your boat will be used. For example, corrosion of boat parts and components will occur far more rapidly in a salt water environment than on a boat which is used in fresh water.

This section provides **only general guidelines** for the care and cleaning of your boat. It is **your responsibility** to determine whether maintenance and care intervals need to be accelerated due to your boat usage and/or operating environment.

### 255 Conquest

### Hull

Fresh water, saltwater and water temperature can all affect the types of growth that you will find on your boat's hull.

Any growth will affect the boat's performance and overall look. If it has been a while between inspections you might notice algae or slime growth on the hull. This can be cleaned with a coarse towel or soft bristle brush. The growth should be cleaned immediately after the boat has been removed from the water. If the growth is allowed to dry it will be much harder to remove.

Compounding may be necessary to remove more stubborn stains and chalking from the surface of your boat. If compounding is necessary it must be done after a thorough washing and prior to waxing.

If the growth is more severe, you may need to enlist the services of a professional hull cleaning company.

Check with your Boston Whaler® dealer for recommendations on a compatible rubbing compound for your boat or a professional hull cleaning company in your area.

### Waxing the Gel Coat Surfaces

Waxing is necessary to provide added protection to the gel coat. A periodic good cleaning and waxing will also ensure that your boat will be protected and look good longer.

#### NOTICE

**Waxing of the exterior surfaces is recommended to be done at least twice a year to protect the gel coat of your boat.**

**Do not wax over dirt.** Make sure the surface of your boat has received a thorough washing and rinsing and is clean before waxing. If a rubbing compound has been necessary, make sure that any minor scratches or surface pitting is cleaned of compound residue. Use a good quality carnauba wax or a high quality wax designed for marine gel coat. Apply several coats.

### Hull Maintenance

If using a pressure washer to clean the hull and deck surfaces of your boat it is important that you use the wide fan nozzle only and move the spray head in a continuous motion. Do not concentrate the high pressure on a small area of the boat surface and **NEVER** use the fine pinpoint nozzle as the concentrated stream can cause damage to the surface of your boat.

It is also recommended that you refrain from pressure washing the console as high pressure may compromise the integrity of the electronics and gauges as well as other equipment installed on your boat. Also avoid pressure washing all caulk seams.

When staining from build-up does occur, use only cleaning agents that are recommended for marine gel coat for use on those stubborn stains.

**NEVER** use an abrasive cleaner to wash your boat's hull.

**NEVER** use an abrasive pad to attempt to remove stubborn stains.

**NEVER** use strong solvents to clean.

**NEVER** apply tape or any other type of adhesives directly to the painted surfaces on your boat.

Use care when covering your boat's painted surfaces as tarps and other such covers can trap dirt and cause chafing. It is best to use a frame of either aluminum or wood to keep the cover up and allow air to circulate.

### Hull Blistering

Due to the quality of the materials used in the hulls of Boston Whalers, blistering is rarely ever seen. Blistering is caused by water soluble materials in the hull laminate. The fiberglass and resin structure of your boat is porous. However, intrusion of water into the gel coat will take some time. The effect of osmotic pressure allows water to impregnate below the gel coat and substrate thus forming a blister.

There have been extensive university studies funded by the United States Coast Guard regarding the cause and effect of blistering in the gel coat of fiberglass boats. Fiberglass blisters can form anywhere from near-surface layers of the gel coat to very deep into the fiberglass structure. The damage can range from cosmetic to catastrophic, (although the latter is a very rare occurrence). The studies seemed to point toward long term immersion of the hull in warm water as a primary cause of hull blisters. Stress cracks on the hull below the waterline also contribute to the formation of hull blisters.

### Prevention

There are a variety of ways to prevent the formation of hull blistering. Epoxy coatings can be applied to the hull, followed by hull painting. An alkyd-urethane-silicone marine paint can also be used to aid in the prevention of hull blisters.

Reducing the amount of time that your boat stays in the water also helps prevent hull blisters from forming. Use of a trailer or boat lift will reduce the likelihood of hull blisters forming. Be sure to use a bunk type lift or trailer for storage of the boat out of water.

Contact your Boston Whaler® dealer for more information on the prevention and treatment of hull blisters.

### Bottom Painting

#### **DANGER**

**There are risks and dangers inherent with the use of paints and solvents. Dispose properly of all rags, rollers and trays used for painting. Follow all the precautions and regulations listed by the manufacturer before and after painting your boats hull.**

#### **NOTICE**

**If blisters are present in the hull, they need to be properly cleaned and dried out before any barrier protection can be applied.**

If your boat will spend most of its time in the water, painting the bottom of your boat's hull is a good way to slow the formation of hull blisters and to keep bottom growth (fouling) under control.

If you will be trailering the boat to and from the water, you might want to forgo the painting.

Following is an abbreviated section on painting your hull bottom. Your Boston Whaler® dealer should have information on properly painting your boat's hull or recommendations on businesses that will paint your hull for you.



### CAUTION

**DO NOT paint over zinc plates. This action will render them useless and lead to deterioration of the underwater metal parts of your boat.**

**Some bottom paints contain metals that can cause corrosion of the outboard engine. Leave a minimum of 3/4" unpainted around all engine parts. Use only a paint specifically designed for aluminum engines as anti fouling protection.**

### Bottom Painting a Bare Hull

Since the boat has never been painted preparation is the key to successful hull painting. Take extra care and time in preparation before proceeding to paint.

Begin by scrubbing the surface thoroughly with a stiff brush using an all-purpose marine soap and water to remove loose dirt and contamination. Flush with fresh water to remove all soap residue.

The gelcoat will have to be dewaxed of mold release wax before sanding can begin, otherwise the wax

will be dragged into the scratches and will reduce the adhesion properties of the paint.

Remove any mold release wax that may be present using fiberglass surface prep solvent and a scrub pad. Scrub only a few square feet at a time. Flush with fresh water. If the water beads up or separates, continue scrubbing the surface. When the water sheets off, the wax contaminate has been removed.

After the dewaxing is complete, application of a primer coat is recommended. Pay close attention to scratches, nicks and dings in the surface. If necessary, fill any repair areas with a watertite epoxy filler. After filler is cured, sand with 80 grit paper until smooth. Remove the sanding residue using a fiberglass solvent wash.

The paint can be applied after sanding and cleaning is complete. Follow the paint manufacturer's recommendations for application.

### Bottom Painting a Pre-Painted Hull



### WARNING

**Bottom paint is designed to resist algae growth which means it has chemicals embedded in the paint that are harmful if ingested. Take all necessary precautions required before painting or repainting your boat's hull.**

If the hull bottom is already painted, you must be sure to test the paint's adhesion to the already painted surface. If the paints are incompatible, the new paint will not adhere to the hull bottom or the paint will "lift" the old paint. **NEVER** apply paint without first preparing the old painted surface following the paint manufacturer's recommendations.

Follow the paint manufacturer's recommendation for applying the paint. Humidity and weather will play a role in how and when the paint is applied. Several thin layers are better than one thick layer.

To determine the waterline, you will need to place the boat in water with a full load of fuel and gear. Mark the waterline and measure above the marked line 1 to 3 inches for placement of the tape line.



### WARNING

**Proper ventilation and capture of the dust created by sanding is essential. The dust created by sanding is toxic and should not be breathed. A proper fitting respirator must be used.**

**DO NOT use a paper filter mask.**

### NOTICE

**Masking tape is NOT recommended for the types of paint you will be using.**

Make sure that there is enough paint left to cover areas that were not accessible, (slings, jack stands etc.) and paint accordingly. Follow the paint manufacturer's recommendation for do's and don't's after the painting is complete.

### NOTICE

**Painting your boat's hull will adversely affect the boat's speed and performance and may require re-propping if the maximum engine RPMs drop below the engine model/mfg recommended operating range.**

#### Rubrail Care

The rubrail on your boat is constructed of an injected high density PVC vinyl material which laboratory tests have proven to be highly resistant to staining, fading and cracking.

As resilient as this material is, you still need to follow some basic maintenance precautions.

General maintenance requires a thorough cleaning with mild soap & water. **DO NOT** use any cleaning agents which contain chemicals.

Although the outer shell is tough and durable, there is a chance that it can be breached. Use care when docking or exposing the rubrail to conditions which may cause damage such as docking against heavily barnacle-encrusted pilings.

Some tears (cleanly sliced) can be repaired with a "Super Glue" type product.

Thoroughly clean and dry the affected area. Apply glue and hold the surfaces together.

Areas which have been torn or are affected by heavy abrasion will have to have the damaged section replaced. Please see your Boston Whaler® dealer for this type of repair.

#### Cleaning Fiberglass & Non-Skid

To protect your deck and non-skid areas from the deteriorating affects of the sun, oxidation, water spots and pollution, use a good quality "fiberglass and non-skid deck" wax every two to three months.

When applied to your deck and non-skid areas, as recommended by the manufacturer, the wax forms a protective non-slick surface which will keep debris from sticking. Dirt, soot, bird droppings, and even fish blood will rinse right off.

### NOTICE

NEVER use abrasive cleaners, detergents or soft scrub type cleaners to wash your boats surfaces.

NEVER use abrasive pads, brushes or sponges to attempt to remove stubborn stains.

NEVER use strong solvents or detergents which contain chlorine.

#### Stainless Steel Care

**The cleaner your stainless trim and fittings can be kept, the greater the assurance of optimum corrosion resistance. Without proper care even the best stainless steel will corrode.**

Stainless steel is strong and corrosion resistant, but still requires maintenance to keep its appearance. Frequent routine cleaning of your stainless steel with a mild soap and water solution and coating with a good grade cleaning wax will help maintain the finish.

- Wash with mild soap and cold or lukewarm water.
- Dry THOROUGHLY.
- Apply cleaning wax with a soft, dry cloth.
- Allow wax to dry, then polish and buff.

Even the finest cleaning powders can scratch or burnish a mill-rolled surface. On polished finishes, rubbing or wiping should be done in the direction of the polish lines, NOT across them.

Crevice corrosion, a brownish coloring which occurs where two pieces of stainless hardware meet is caused by impurities in water and air. It can be easily cleaned with a good grade marine polish using a sponge, cloth or small bristled brush (for nooks and crannies).

### NOTICE

NEVER use abrasive cleaners, detergents or soft scrub type cleaners to wash your boats surfaces.

NEVER use abrasive pads, brushes or sponges to attempt to remove stubborn stains.

NEVER use strong solvents or detergents which contain chlorine.

NEVER use silver cleaners.

### Aluminum Care

Preventative maintenance is essential to life of the metals on your boat. The presence of salt particles and moisture is the major cause of white spots, pitting and corrosion.

The use of harsh chemicals can also cause deterioration. Manufacturers and applicators of protective coatings will not warrant protective coatings on metals in the marine environment. Proper owner maintenance is required to reduce deterioration which will result in most cases by failure to wash down and wipe dry after each use and/or the use of abrasive, acidic or other improper cleaners.

Wash completely using a soft cloth and mild detergent to remove salt particles. Hosing alone will not dislodge all particles. **DO NOT** allow soap to dry as it may cause stains on coated surfaces. Make sure to wash and dry the full circumference of aluminum parts.

Apply an aluminum protectorant at least twice each year, more frequently as conditions warrant. Neglect will cause pitting of the surface which cannot be reversed.

Inspect and repair or replace all damaged nylon bushings, washers or other hardware designed to prevent contact with dissimilar metals.

Whenever electrical or electronic changes are made to the boat, a qualified marine technician should check aluminum parts for stray currents. Make sure all electronic equipment is properly grounded with adequate sized wire.

### Cushions

Saltwater, salt residue, dirt, ultra-violet rays etc. will take their toll on vinyl products causing them to lose their luster and texture.

The cushions on your boat are made of a durable vinyl material called OMNOVA which is protected by a finish called PreFixx®. PreFixx® will keep your cushions looking new far longer than most other vinyl upholstery.

### To Clean Your Cushions



### CAUTION

**Solvents are flammable. Exercise proper care. Wear rubber gloves during all cleaning activity.**

**Use caution when cleaning around buttons, stitching and wooden or decorative trim as these solvents could seriously damage such areas.**

- **Remove ordinary dirt and smudges** with a mild soap and water solution. Dry with a soft, lint-free cloth or towel.
- **More difficult stains** can be cleaned using rubbing alcohol (isopropyl alcohol). Rinse cleaned area with fresh water and dry with a clean, soft, lint-free cloth or towel.

- **Seemingly permanent stains** like ballpoint ink can be cleaned with active solvents such as nail polish remover when applied with a soft cloth or damp sponge and rubbed. Rinse cleaned area with fresh water and dry with a clean, soft, lint-free cloth or towel.

The vinyl material and superior finish has been tested to resist heavy abrasion. Complete cleaning instructions are included in the owner's packet. Read all information provided by the cushion manufacturer regarding the proper cleaning and maintenance.

**Your cushions are not waterproof.** They are constructed of open-cell foam and will absorb and hold water. The foam is wrapped with a plastic barrier which helps to keep water from being absorbed into the foam but also will not allow water to dissipate once the foam is soaked. **Do not leave the cushions in standing water or exposed to heavy, prolonged rain.**

If, in the event your cushions become waterlogged, remove the foam from the cushion, press as much water as you can from the foam and allow to air dry. Make sure the plastic wrap is dry before wrapping the foam and inserting it back into the cushion.

To prevent mildew, keep the vinyl dry and make sure that moisture does not accumulate between the cushions.

### Cleaning Your Instrument Gauges

When gauges are exposed to a saltwater environment, salt crystals may form on the bezel and plastic covers. Remove the salt crystals with a soft damp cloth. Clean with a mild household detergent or plastic cleaner.

Never use abrasives or rough, dirty cloths to clean plastic parts. A mild household detergent or plastic cleaner should be used. Wipe clean with a damp chamois.

FOR MORE INFORMATION, CONTACT MERCURY MARINE CUSTOMER SERVICE AT 1-920-929-5040

### Canvas Care and Maintenance

#### NOTICE

**DO NOT use detergents, bleach or solvents to clean your canvas.**

To keep your canvas and metal parts in good working condition and in good appearance, you will need to keep them clean.

The fabric should be cleaned regularly before substances such as dirt, pollen, etc. are allowed to accumulate on and become embedded in the fabric. The canvas can be cleaned without being removed from the installation.

Chafing, fiber wear from dirt and grit and deterioration from ultraviolet light can cause your canvas to degrade over time.

### Maintaining a good appearance

- After each use, especially if used in salt water areas, rinse the canvas completely with fresh cold water.

#### On a regular basis

- Brush off any loose dirt, pollen, etc.
- Hose down with fresh cold water and clean with a mild solution of a natural soap in lukewarm water (maximum 100°F / 38°C).
- Allow the canvas to soak. **DO NOT ALLOW THE SOAP TO DRY.**
- Rinse thoroughly with fresh water.
- Let the canvas dry completely. **DO NOT** store any of the canvas pieces while wet.

The effects of ultraviolet light can sometimes be reduced by chemical treatment of canvas items.

Consult your Boston Whaler® dealer or check your canvas manufacturer's manual **BEFORE** using any chemical treatments on your canvas.

### Cleaning Stubborn Stains

Soak fabric for approximately twenty minutes in a mild solution consisting of no more than 1/2 cup (4 oz.) of bleach and 1/4 cup (2 oz.) of natural soap per gallon of lukewarm water (not to exceed 100° F / 38° C).

**Rinse thoroughly** in cold water several times. Allow the fabric to air dry completely.

#### NOTICE

**Failure to remove all of the soap solution can cause deterioration of seams and prevent fabric from proper retreating.**

Retreat the fabric using an air curing product such as 303 High Tech Fabric Guard to ensure water and stain repellency.

All canvas should be stored flat or rolled in a clean, dry space.

### Maintaining Zippers and Hardware

Lubricate zippers and fasteners periodically with a clear silicone spray. In the absence of silicone spray, a wax candle can be used to lubricate the zipper track.

Replace any missing fasteners or any fasteners showing signs of corrosion.

#### NOTICE

**DO NOT use petroleum based products, such as petroleum jelly, on the zippers or fasteners.**

### Cleaning Tempered Glass Windshield

#### NOTICE

**DO NOT USE abrasives, harsh chemicals or metal scrapers on glass.**

#### NOTICE

**For windshields with aluminum frames refer to "Aluminum Care" in this section.**

Use commercially available glass cleaners or a mixture of fresh water and vinegar to clean your glass windows, windshield or portlights. Dry with a soft terry cloth towel or chamois.

### Long Term Storage & Winterization

Long periods of storage, winter lay-up and/or non-use, common to boats, create unique problems. When preparing to store a boat for extended periods of two months or more it is best to make sure that the boat and its systems are properly conditioned for such extended periods of non-usage.

The guidelines presented on the following pages give basic instructions on "winterizing" your boat and boat systems. If inexperienced with the process of winterization it is best to hire the services of a professional.

In addition, always consult the owner's manuals of the various systems and equipment on your boat for the manufacturer's recommendations on winterizing and long term storage.

### Engine

#### CAUTION

**Never start or run your outboard (even momentarily) without having water circulating through the cooling water intake holes in the gear case. This will prevent damage to the water pump (running dry) or overheating of the engine.**

## Section 5 • Care & Maintenance

Protecting your engine's vital moving parts from corrosion and rust caused by freezing of trapped water or excessive condensation due to climatic changes is very important. Freezing water in the engine can cause extensive damage to the internal moving parts. Internal engine parts can also be affected by rust due to lack of proper lubrication

- Replace the engine oil and filter, running the engine to drain out as much old oil as possible.
- Flush the engine with fresh water using flush muffs or a similar device attached to the raw water pickup.
- Let all water drain from the engine.
- Fog the engine while it is running. Spray until it stalls.
- Run fuel which has been treated with conditioner and stabilizer through the engine.
- Replace lower unit gear oil. Check for moisture in old oil, a sign of deteriorating seals.
- Remove the prop and grease the shaft and threads.
- Treat all grease fittings with the recommended lubricant.
- Lightly lubricate the exterior of the engine or polish with a good wax.
- Check engine mount bolts. Ensure that they are torqued to 55 ft/lbs.

In addition, be sure to follow all recommendations in your engine manufacturers operation manual.

### Fuel System

Tank(s), hoses, and fuel pumps should be treated to help prevent the formation of varnish and gum.

Temperature extremes will cause condensation to accumulate in an empty or partially filled fuel tank leading to fuel contamination and/or premature wear of your system.

Fill the tank 95% full to allow for expansion, and add fuel stabilizer and conditioner, following the manufacturer's recommendations, to provide fuel stability and corrosion protection.

## NOTICE

**Pay particular attention to the information provided in "Ethanol-Blended Fuel" in section 3 of this manual.**

### Electrical System

- Check all connections and tighten if necessary.
- Spray all connections with an anti-corrosion spray.

### Battery

## NOTICE

**Remove battery from boat and store in a cool, dry location. Periodically check the battery during storage.**

- Disconnect the battery cables (negative cable first).
- Remove the battery from the boat.
- Clean the terminal ends of the cables and battery terminals with a solution of baking soda and water. Rinse thoroughly with clean water.
- Apply a coat of grease on the terminal ends of the cables and the battery terminals.
- Store the battery in a cool, dry area.
- Use a trickle charger to keep the battery charged or charge the battery every 30-60 days.

## NOTICE

**Follow the manufacturer's recommendations for long term storage of your battery(s).**

### Deck

Clean the deck with soap, hot water and a stiff brush to clean up any oil spills.

### Drainage

It is important to raise the bow of the boat enough to allow for proper drainage of water from the deck and bilge area. Make sure all the drainage fittings are clear and free of debris and plugs are removed. Store the engine in an upright position to promote adequate drainage of water.

### Avoid Loss

Remove any valuables or anything that can be easily removed from the boat such as electronics, lines, PFDs, fenders, cushions, etc. and store at home.

### Cover

When covering your boat it is best to use a frame of either aluminum or wood to keep the cover up. This allows air to circulate and discourages water from pooling on the cover.

## NOTICE

**DO NOT USE a bimini top in lieu of a cover. Damage and aging will occur while providing no protection for your boat.**

Vents along the entire length of the cover will allow condensation to escape. Placing a series of foam pads between the hull and cover will also aid in air circulation and reduce condensation.

To help keep your boat dry and mildew free, consider placing commercial odor and moisture absorbing products in the boat under the cover.

### Trailer Storage

Repeatedly immersing the trailer in water during boat launching can cause a variety of problems. Water seeping into the wheel hubs will cause the grease to emulsify and can prematurely corrode the bearings.

Check with the trailer manufacturer for scheduled maintenance of your trailer.

### Environment

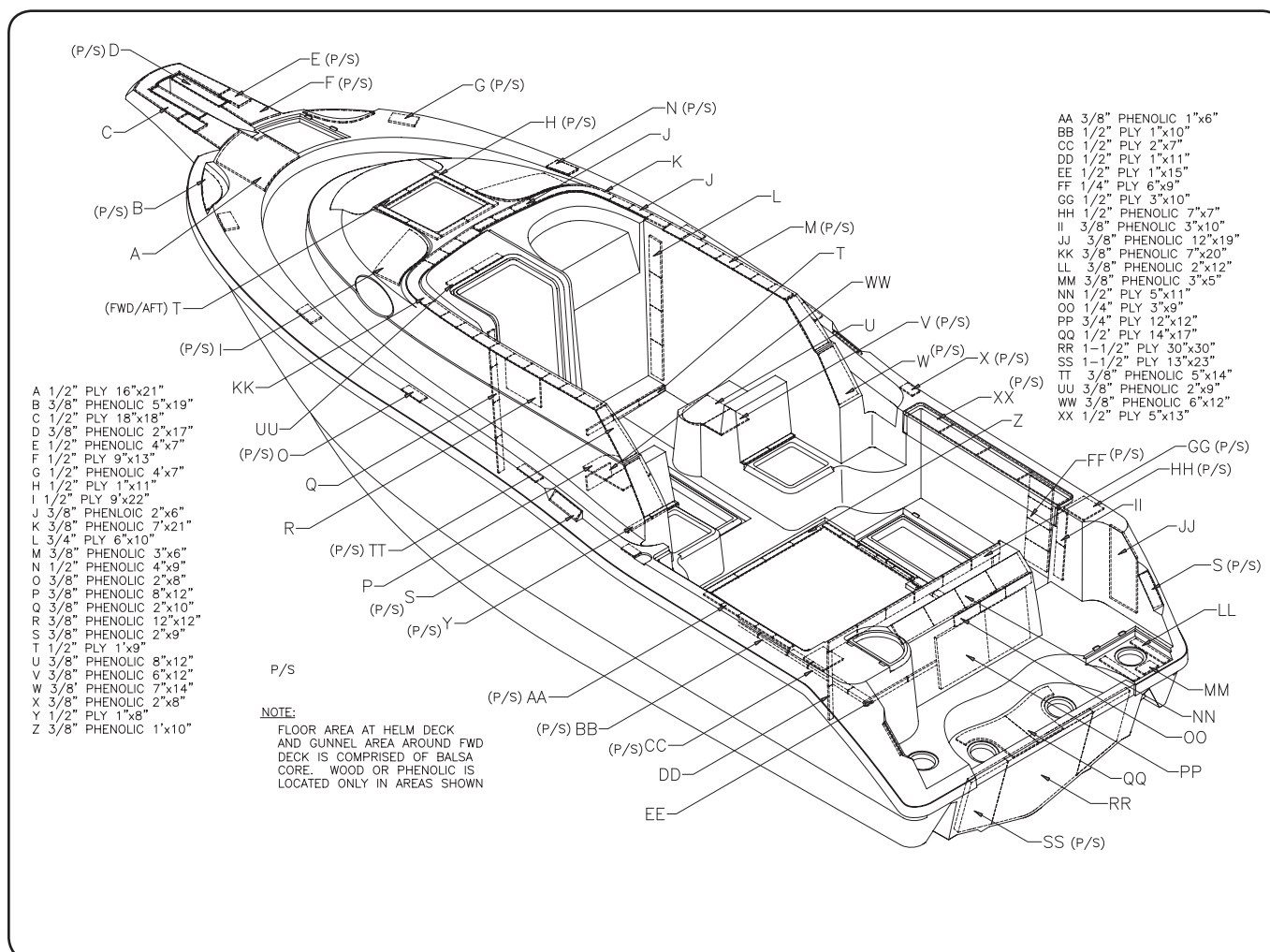
Antifreeze and other winterizing fluids can be toxic to aquatic life and cause harmful effects to plant life.

Improper disposal of, or spillage of antifreeze and/or any winterization fluids can cause environmental problems when allowed to empty into waterways or on the ground. Furthermore, it is illegal, punishable at minimum by fines.

Used antifreeze or any winterization fluids, should not be disposed of into sanitary sewers or publicly owned treatment plants.

Persons who have any questions regarding recycling antifreeze or other toxic fluids should write or call their state's EPA office.

## Reinforcement Location Diagram



## Reinforcement Locations

Your boat has been manufactured with reinforcement in various locations throughout the deck.

In the event you wish to add equipment to your boat which requires you to penetrate the deck with fasteners, the diagram above illustrates the size, location and type of the reinforcement available. The

## CAUTION

**DO NOT attempt to secure equipment in any location other than those that are illustrated.**

chart below provides a description of the material and recommended fasteners to secure your equipment.

| Reinforcement | Construction                          | Equipment weight | Fastener Type*      |
|---------------|---------------------------------------|------------------|---------------------|
| Plywood       | Standard boatbuilding material        | Light            | Self-tapping screws |
| Trevira       | Thick spunbound polyester fabric      | Light            | Sheet Metal screws  |
| Sparalloy     | High density plastic                  | Medium           | Self-tapping screws |
| Phenolic**    | Fiberglass reinforced composite board | Heavy            | Drill & Tap         |

\* In all cases it is recommended to drill and countersink a pilot hole to prevent damage to the gelcoat surface.  
 \*\* Also known as Whaleboard

## Section 5 • Care & Maintenance

Fill out the log below after scheduled service or maintenance is performed.

| MAINTENANCE LOG |              |             |                       |
|-----------------|--------------|-------------|-----------------------|
| DATE            | ENGINE HOURS | SERVICED BY | MAINTENANCE PERFORMED |
|                 |              |             |                       |
|                 |              |             |                       |
|                 |              |             |                       |

NOTES

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