

BOAT OWNER'S MANUAL

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INTRODUCTION

Congratulations on your new Falcon Boat!

We know you had several great choices of boats to choose from; we sincerely thank you for choosing a Falcon boat! This owner's manual is designed to provide information you will need to properly and safely operate, maintain, and care for your boat. It is important that you have a thorough understanding of this information prior to using the boat. If you have any questions about operating or maintaining your boat, please contact an authorized Falcon Dealer.

This document, along with other manuals, received with the boat should remain with the boat even if the boat is sold to a new owner.

Please note that the illustrations used in this manual may not be the same as your boat, as Falcon Boats continually seeks to improve their products. Specifications are subject to change without notice.

Boater's Checklist

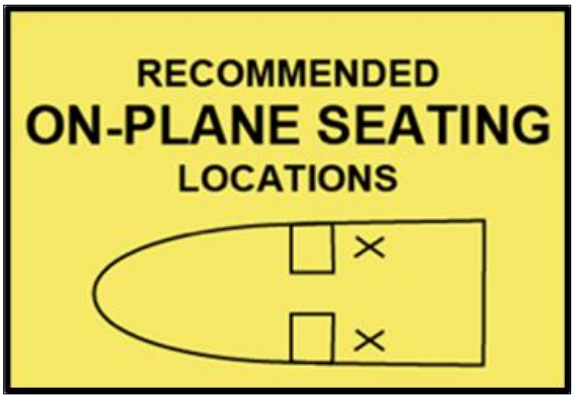
Prior to getting started, familiarize yourself with the Boater's Checklist and check each of the items for improved safety and enjoyment of your Falcon Boat.

NOTICE

BOATER'S CHECKLIST

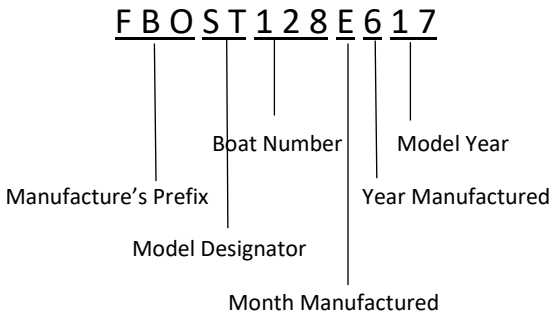
For maximum enjoyment and safety, check each of these items. **BEFORE YOU START YOUR ENGINE:**

- ✓ **DRAIN PLUG** (Securely in place?)
- ✓ **LIFE SAVING DEVICES** (One for every person on board?)
- ✓ **STEERING SYSTEM** (Working smoothly and properly?)
- ✓ **FUEL SYSTEM** (Adequate fuel? Leaks? Fumes?)
- ✓ **BATTERY** (Fully charged? Cable terminals clean and tight?)
- ✓ **ENGINE** (In Neutral?)
- ✓ **CAPACITY LABEL** (Are you overloaded or overcrowded?)
- ✓ **WEATHER CONDITIONS** (Safe to go out?)
- ✓ **ELECTRICAL EQUIPMENT** (Lights, horn, pump, etc.?)
- ✓ **EMERGENCY GEAR** (Fire extinguisher, bailer, paddle, anchor and line, signaling device, tool kit, etc.?)



Hull Identification Number (HIN)

Your HIN is located on the top right side of the transom above the water line. The U.S. Coastguard requires that your HIN be permanently affixed and remain on the top right side of the transom. The HIN will need to be referenced for all customer service and/or warranty.



Use the form below to record important information about your Falcon boat. It is important to store this information separate from your boat in the event of theft or damage. Report these numbers to legal authorities if necessary.

BOAT HIN _____ DATE PURCHASED _____

DEALER NAME _____ DEALER PHONE _____

STATE REGISTRATION NUMBER _____

ENGINE MODEL _____ ENGINE SERIAL NUMBER _____

TRAILER MODEL _____ TRAILER SERIAL NUMBER _____

TROLLING MOTOR MODEL _____

TROLLING MOTOR SERIAL NUMBER _____

ACCESSORY MODEL _____

ACCESSORY SERIAL NUMBER _____

ACCESSORY MODEL _____

ACCESSORY SERIAL NUMBER _____

ACCESSORY MODEL _____

ACCESSORY SERIAL NUMBER _____

Warranty (Original Buyer)

A copy of the Falcon Boats Warranty Statement will be given to you by your Authorized Falcon Dealer. Additionally, a copy is provided in Appendix A of this manual. Please read the warranty carefully. The warranty becomes eligible upon the date of purchase; however, the online warranty registration form must be completed by you or the dealer and submitted to Falcon Boats within **15 days of purchase** to obtain any warranty coverage. You can verify warranty registration or request access to the online warranty card by emailing parts-warranty@falconbassboats.com. When you complete and submit this online warranty card, you are stating that you understand the terms and conditions of the warranty.

Your Falcon boat comes with separate warranties on individual components provided by the manufacturer of the components. Applicable components and their warranties will be included in the owner's manuals that accompany these components. All owner's manuals should be included in your Falcon Owner's Packet. The owner is responsible for checking with the individual manufacturer of the component for any warranty issues with that part. Falcon is not responsible for any changes to these manufacturers' warranties.

The applicable warranty period runs from the date of purchase by the first buyer provided that the boat is purchased within 12 months after the date of manufacture. For boats purchased more than 12 months after the date of manufacture, coverage will run from the date of manufacture and the first owner will be entitled to the coverage remaining under the warranty periods. All warranties run concurrently.

Transferring the Warranty (Second Buyer)

The warranty may be transferred one time to the second buyer for non-commercial use in the United States within 5 years following the original purchase date. The second buyer is eligible for a limited 10 year warranty dating from the Original Buyer's purchase date. Falcon Boats reserves the right to reject any warranty transfer request for a boat that has been damaged or previously excluded from its Limited Warranty. The transfer owner's warranty will become effective once the following has occurred.

1. Second buyer completes the transfer form [Appendix B].
2. Pays $200 Inspection and transfer fee
3. Submits the form, fee, and copy of the Bill of Sale **within 30 days of purchase** to Authorized Falcon dealer or:

    Falcon Boats
    Attn: Warranty Department
    750 Wilson Road
    Newberry, SC 29108

For any questions about transferring the warranty, contact Falcon Boats at 803.276.0033 or email parts-warranty@falconbassboats.com.

Warranty Claims

For any problems with your new Falcon Boat, contact an Authorized Falcon dealer. All warranty repairs must be completed by an Authorized Falcon dealer. It is your responsibility to deliver the boat to the dealer for repair. It is the dealer's responsibility to submit the warranty claim form to Falcon Boats for approval prior to completing any warranty work.

For any information about service, replacement parts, or additional equipment contact an Authorized Falcon Dealer or Falcon Boats directly by filling in the online form at https://www.falconbassboats.com/parts-and-warranty.

BOATING SAFETY

The safe use and operation of your Falcon Boat relies on the operator's expertise and use of proper operating techniques as well as the operator's common sense and good judgement. Every operator should do the following prior to operating the boat:

- Read the Falcon Owner's manual as well as other owner's manual and literature on all equipment supplied with your boat. These manuals can be found in your Falcon Owner's Packet.
- Read all warning and caution labels affixed to your boat, motor, and trailer.
- Know the operator age and training requirements for your state. A boating safety course is recommended and may be required in your state. A free online course is available at https://boatus.org/free/
- Understand and follow the "Rules of the Road" as prescribed by the US Coast Guard. Detailed information can be found online at http://www.uscgboating.org/regulations/navigation-rules.php
- Download the US Coast Guard Boating Safety App on the App Store or Google Play. Additional information on the app can be found online at http://www.uscg.mil/mobile/

Overpowering/Overloading

Your boat is equipped with a required capacity plate indicating the maximum acceptable power and load as determined by the manufacturer following Federal guidelines. DO NOT overpower or overload your Falcon boat.





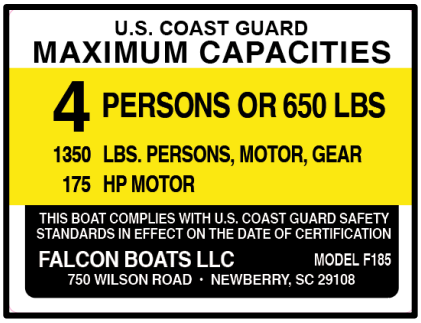














Using an outboard motor that exceeds the maximum horsepower limit on a boat can cause:

- Loss of control
- Place too much weight at the transom, altering the flotation characteristics of the boat
- Cause structural damage

OVERPOWERING A BOAT CAN RESULT IN SERIOUS INJURY, DEATH, OR BOAT DAMAGE.

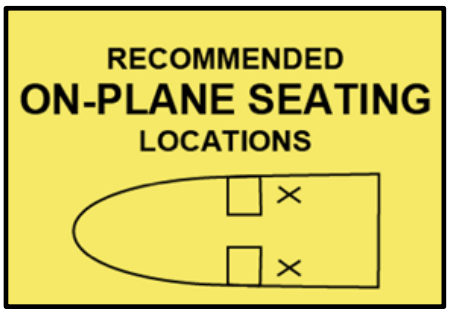
The maximum load on the capacity plate indicates the boat's maximum weight load, for persons and for gear, under normal conditions. Turbulent waters and inclement weather conditions reduce the maximum load capacity. Carrying the maximum load indicated on the capacity plate can be dangerous.

OVERLOADING AND IMPROPER DISTRIBUTION OF WEIGHT ARE SIGNIFICANT CAUSES OF ACCIDENTS. DO NOT EXCEED MAXIMUM LOAD STATED ON CAPACITY PLATE. REDUCE THE LOAD IN ROUGH WATERS.

Seating Guidelines

Do not operate your Falcon boat on plane with person(s) not properly seated in the recommended on-plane seating arrangement. Passengers should place their feet on the deck and hold on to the hand grips while the boat is in motion. Improper seating could cause a person(s) to be thrown overboard resulting in injury or death. Additionally, fishing seats should be properly secured and stored when the boat is moving above trolling speed.





IMPROPER SEATING COULD CAUSE A PERSON(S) TO BE THROWN OVERBOARD RESULTING IN INJURY OR DEATH.

Cruising Guidelines

You have purchased a high-performance boat; therefore, it is critical that it is operated safely. It is recommended that the boat is operated at safe speeds while keeping a distance from people, objects, and another watercraft. In addition, avoid sharp turns or other maneuvers - these are dangerous to others and can cause you physical harm. Do not operate the boat in rough water, inclement weather, or low visibility as this can increase the likelihood of accident causing injury or death.

WARNING

SUDDEN TURNS ABOVE 65 MPH MAY CAUSE LOSS OF BOAT CONTROL, WHICH COULD RESULT IN SERIOUS INJURY OR DEATH. REDUCE SPEED BEFORE ATTEMPTING A SUDDEN SHARP TURN. READ OWNERS MANUAL FOR ADDITIONAL INFORMATION.



SHARP TURNS OR JUMPING WAVES OR WAKES CAN INCREASE THE RISK OF SPINAL INJURY, FACIAL INJURIES, AND BROKEN BONES. DO NOT JUMP WAVES OR WAKES.

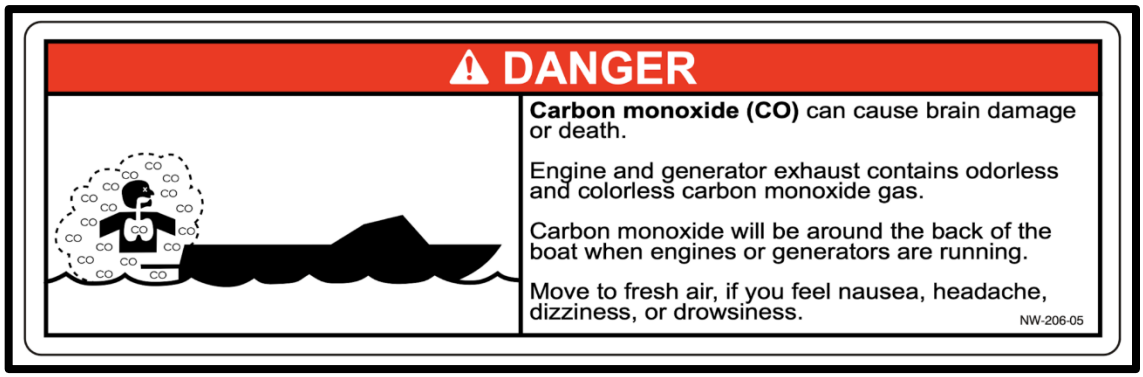
Safe Operation

There are several requirements necessary to ensure safe operation of your Falcon Boat.

- The operator and all passengers should wear a US Coast Guard approved life jacket. The US Coast Guard requires an USCG approved life jacket aboard the boat for each adult passenger and worn by each child under the age of 13. It is recommended that life jackets be worn always while the boat is in operation since accidents can happen without any time to put on lifejackets.
- Attach the engine stop lanyard to the operator's life jacket so the engine will stop in the event the operator is ejected from the boat. Failure to attach the engine stop lanyard could result in a runaway boat.
- Operators should NEVER operate the boat after consuming alcohol or drugs.
- Consult a physician if there is any reason you should not ride in a boat (i.e. pregnant or poor health).
- Always perform the safety checklist for boaters prior to operation of the boat. (See checklist on page 1).
- Do not attempt to modify your Falcon Boat in any way. Modifications may reduce safety and reliability rendering your boat unsafe or illegal to use.
- When not in operation, remove the engine stop lanyard and keys to avoid unauthorized misuse by children and others.

Hazard Warning

Your boat should never run for any length of time in an enclosed area. Exhaust fumes contain an odorless and colorless carbon monoxide gas that may cause brain damage or death in a short amount of time. Always operate the boat in an open and well-ventilated area.



Prior to removing any debris from around the propeller, it is imperative that the engine be stopped and the clip from the engine stop switch be removed to avoid injury from the propeller.

WARNING

ROTATING PROPELLER MAY CAUSE SERIOUS INJURY OR DEATH. DO NOT APPROACH OR USE LADDER WHEN ENGINE IS RUNNING.

Trailering

A custom trailer is provided as standard equipment with your Falcon boat. If at any time you need to obtain another trailer, choose one that is manufactured to carry a boat that is the size and weight of your Falcon boat. Check the certification label on the right forward side of the trailer. This label is required to show the Gross Vehicle Weight Rating (GVWR), which is the load carrying capacity of the trailer plus the trailer's weight. Be sure that the total weight of your boat, any cargo, and the trailer weight itself does not exceed the GVWR.

⚠ CAUTION

CHECK WHEEL LUG NUTS <u>BEFORE EVERY USE</u>.
TRAILER WHEEL LUG NUTS SHOULD BE TIGHTENED TO 110 – 120 LBS.

To prevent accidents, it is important that you familiarize yourself with proper towing procedures prior to towing your boat on the road.

AVOID ACCIDENT AND INJURY FROM IMPROPER TRAILERING:



- **THE TRAILER MUST BE MATCHED FOR THE BOAT'S WEIGHT AND HULL.**
- **THE TOWING VEHICLE MUST HAVE THE CAPACITY OF PULLING THE LOAD. PULLING A LOAD THAT EXCEEDS THE TOWING CAPACITY MAY CAUSE LOSS OF CONTROL.**
- **BE SURE THE BOAT IS SECURED TO THE TRAILER AND THE TRAILER IS PROPERLY HITCHED TO THE TOWING VEHICLE BEFORE TOWING.**

Your Authorized Falcon dealer can help you with the proper tow vehicle connections. It is encouraged that you check with your state's Department of Motor Vehicles for specific requirements on registration, licensing, and guidelines within your state.

NOTICE

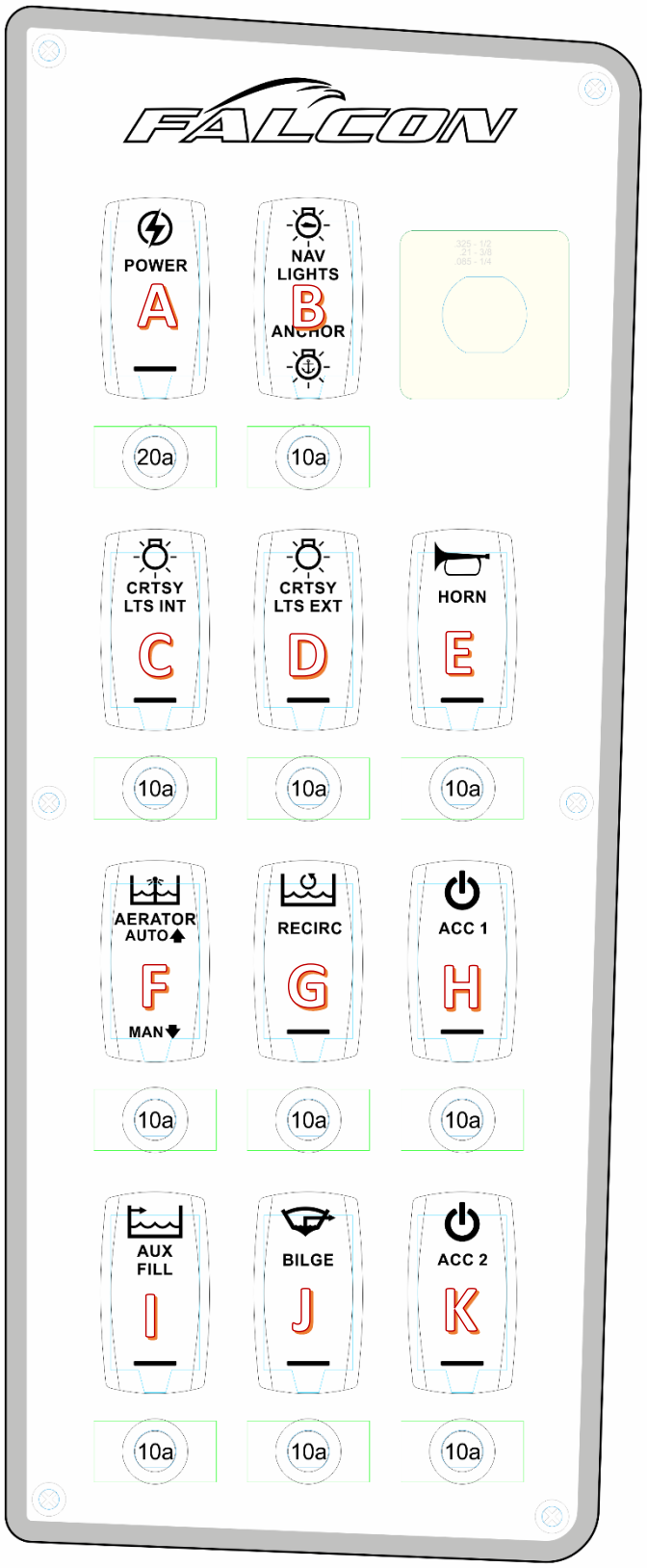
TRAILER CHECKLIST

Before towing this vehicle be sure to read and familiarize yourself with the instructions and warnings supplied with it.
NEVER TOW THIS VEHICLE BEFORE YOU CHECK TO BE SURE:

- ✓ Coupler, hitch, and hitch ball are of the same size
- ✓ Coupler and safety chains are safely secured to hitch of tow vehicle
- ✓ All fasteners are properly tightened
- ✓ Boat is securely tied down to trailer (Winch line is not a tie down)
- ✓ Wheel lug nuts are properly tightened
- ✓ Wheel bearings are properly adjusted and maintained
- ✓ Load is within maximum load carrying capacity
- ✓ Tires are properly inflated
- ✓ All trailer lighting is working properly
- ✓ Trailer brakes are properly adjusted and working (If trailer is so equipped)
- ✓ Clean, drain, and dry the boat and trailer, removing any attached plant material or debris

This trailer is equipped to meet applicable federal safety standards. Check local and state requirements regarding brakes and any additional equipment that may be required.

SWITCH PANEL



Resettable circuit breakers under each switch – Press to reset

A. Power Switch

This switch activates switches and most boat systems. No systems will work when this is set to OFF.

B. Navigation Light Switch

The navigation light switch activates the bow and stern lights in the NAV LIGHTS position and just the stern light in the ANCHOR position. The NAV LIGHTS should be used while under way and in the ANCHOR position when anchored or tied in open water. The ANCHOR light is not required if tied up at a dock or beached.

NOTE: Operate your boat between sunset and sunrise using the navigational lights. Navigational lights are legally required to indicate direction and right-of-way at night.

C. Courtesy Interior Light Switch

The courtesy interior light switch activates the interior lights for nighttime illumination.

D. Courtesy Exterior Light Switch

The courtesy exterior light switch activates the exterior lights for nighttime illumination.

E. Horn Switch

The horn switch activates the horn. It is momentary and will return to the OFF position when released.

F. Main Aerator Switch

The main aerator switch activates the Main livewell pump. When pressed in the AUTO direction, the aerator is on for 3 minutes and then turns off for 3 minutes. When pressed in the MANUAL direction, the aerator runs continuously.

G. Livewell Recirculation Switch

The livewell recirculation switch, when turned on, recirculates water in the livewell continuously.

H. Accessory Switch

The accessory switch is installed for use and convenience when installing optional equipment.

I. Auxiliary Fill Switch

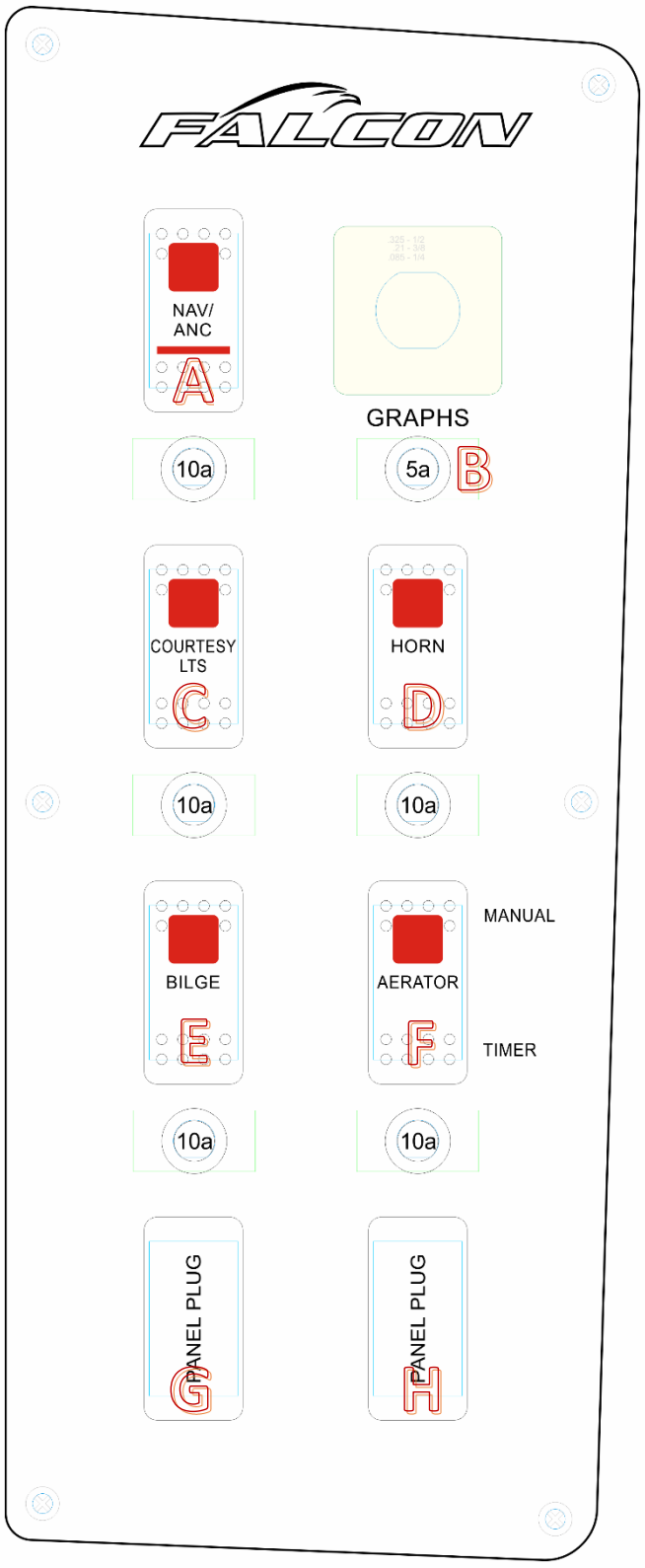
The fill switch, when turned on, fills the livewell with lake water and is not a timed switch. When the switch is in the ON position, it will continuously fill the livewell until it is switched to the OFF position.

J. Bilge Switch

The bilge switch manually activates the bilge pumps, which eliminates excess water in the bilge. To prevent damage to the pump, be sure the switch is kept in the OFF position unless the pump is in use. When the switch is in the OFF position, it is automatically turned on if the internal float switch is engaged. This switch is for MANUAL turn ON only. If the LED light is illuminated, the pump(s) are active.

K. Accessory Switch (See H)

SWITCH PANEL (FREEDOM)



A. Navigation Light Switch

The navigation light switch activates the bow and stern lights in the NAV position and just the stern light in the ANC position. The NAV lights should be used while under way and in the ANC position when anchored or tied in open water. The ANC light is not required if tied up at a dock or beached.

NOTE: Operate your boat between sunset and sunrise using the navigational lights. Navigational lights are legally required to indicate direction and right-of-way at night.

B. Graphs

Circuit Breaker for Graphs

C. Courtesy Interior Light Switch

The courtesy light switch activates the interior and exterior lights for nighttime illumination.

D. Horn Switch

The horn switch activates the horn. It is momentary and will return to the OFF position when released.

E. Bilge Switch

The bilge switch manually activates the bilge pump, which eliminates excess water in the bilge. To prevent damage to the pump, be sure the switch is kept in the OFF position unless the pump is in use. When the switch is in the OFF position, it is automatically turned on if the internal float switch is engaged. This switch is for MANUAL turn ON only. If the LED lights are illuminated, the pump(s) are active.

F. Aerator Switch

The main aerator switch activates the Livewell. When pressed in the AUTO direction, the aerator is on for 3 minutes and then turns off for 3 minutes. When pressed in the MANUAL direction, the aerator runs continuously.

G. Panel Plug

Remove to add additional rocker switch.

H. Panel Plug

Remove to add additional rocker switch.

Resettable circuit breakers under each switch – Press to reset

Electrical System

The Falcon boat's electrical system is designed to provide service, safety, and function to its owner. Power is supplied from batteries located in the aft tri-fold rigging compartment directly in front of the engine. Red Positive (+) leads and black negative (-) leads connect to the batteries. There are two heavy gauge wires for the trolling motor to connect to the 36-volt trolling motor batteries. There will be two lighter gauge wires for the accessory harness to connect to the 12-volt engine cranking battery.

IT IS RECOMMENDED THAT YOU HAVE AN AUTHORIZED FALCON DEALER INSTALL ANY ADDITIONAL EQUIPMENT. AN ELECTRICAL WIRING ERROR CAN CAUSE A FIRE OR CAUSE DAMAGE TO THE ELECTRICAL SYSTEM COMPONENTS.

Circuit Breakers (ALL Models)

The circuit breakers are located underneath each switch on the switch panel at the console. If something is not working properly, you may need to reset the breaker by pressing it in on the switch panel.

Wiring Chart (F205, F215, 20 TE, 21 TE, 20 PREDATOR, 21 PREDATOR)

C1 - Switch Panel 1
PN: AT06-12S Wedge Lock: AW12S
Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	BOW PNL & NAV GND	BLK	14	S1
2	BILGE 1 MAN	BRN	14	C4 | B
3	CRTSY INT	BLU/BLK	14	S2
4	CRTSY EXT	BLU/GRY	16	S4
5	ANC LT A|5	GRY/WHT	16	Ext.lead
6	NAV LT A|6	GRY/GRN	16	Ext.lead
7	AERATOR	BRN/BLK	16	C5 | 1
8	RECIRC	BRN/BLU	16	C5 | 1
9	AUX FILL	BRN/YEL	16	C7 | 1
10	CRTSY EXT BOW PWR	ORG	16	C4 | 6
11	FUEL	PNK	16	Ext.lead
12	HORN	ORG/WHT	14	Ext.lead

AMPHENOL
Shown from rear where wires enter the connector

C2 - Switch Panel 2
PN: ATP06-2S Wedge Lock: AWP-2S
Sockets: AT62-12-0166

PIN	Description	Color	AWG	Func
1	MAIN POWER C|1	RED	10	to BOW Brkr load
2	MAIN GROUND C|2	BLK	10	BB1|GND

AMPHENOL
Shown from rear where wires enter the connector

C3 - Bow Panel
PN: AT06-06S Wedge Lock: AW6S
Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	PANEL GROUND	BLK	14	S1
2	TRIM UP	BLU	16	S5
3	CRTSY EXT OUT	BLU/GRY	16	S4
4	TRIM DOWN	GRN	16	S6
5	CRTSY EXT BOW PWR	ORG	16	C1 | 10
6	(plug)	-	-	-
7	TRIM POWER	RED	16	S7
8	(plug)	-	-	-

AMPHENOL
Shown from rear where wires enter the connector

C4 - Bilge 1
PN: AT06-3S Wedge Lock: AW3S
Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
A	BILGE 1 AUTO	BRN/PUR	14	BS1
B	BILGE 1 MAN	BRN	14	C1 | 2
C	BILGE 1 NEG	BLK	14	S9

AMPHENOL
Shown from rear where wires enter the connector

C5 - (F)
PN: AT06-2S Wedge Lock: AW2S
Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	AERATOR	BRN/BLK	16	C1 | 7
2	AERATOR NEG	BLK	16	S9

AMPHENOL
Shown from rear where wires enter the connector

C6 - (G)
PN: AT06-2S Wedge Lock: AW2S
Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	RECIRC	BRN/BLU	16	C1 | 8
2	RECIRC NEG	BLK	16	S9

AMPHENOL
Shown from rear where wires enter the connector

C7 - (H)
PN: AT06-2S Wedge Lock: AW2S
Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	AUX FILL	BRN/YEL	16	C1 | 9
2	AUX FILL NEG	BLK	16	S9

AMPHENOL
Shown from rear where wires enter the connector

C8 - Bilge 2
PN: AT06-3S Wedge Lock: AW3S
Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
A	BILGE 2 AUTO	BRN/PUR	14	BS1
B	PLUG	-	-	-
C	BILGE 2 NEG	BLK	14	S9

AMPHENOL
Shown from rear where wires enter the connector

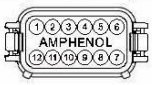
Wiring Chart (F185, F195)

C1 - Switch Panel 1

PN: AT06-12S — Wedge Lock: AW12S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	BOW PNL & NAV GND	BLK	14	S1
2	BILGE 1 MAN	BRN	14	C4 | B
3	CRTSY INT	BLU/BLK	14	S2
4	CRTSY EXT	BLU/GRY	16	S4
5	ANC LT A|5	GRY/WHT	16	Ext.lead
6	NAV LT A|6	GRY/GRN	16	Ext.lead
7	AERATOR	BRN/BLK	16	C5 | 1
8	RECIRC	BRN/BLU	16	C6 | 1
9	AUX FILL	BRN/YEL	16	C7 | 1
10	CRTSY EXT BOW PWR	ORG	16	C4 | 6
11	FUEL	PNK	16	Ext.lead
12	HORN	ORG/WHT	14	Ext.lead



Shown from rear where wires enter the connector

C2 - Switch Panel 2

PN: ATP06-2S — Wedge Lock: AWP-2S

Sockets: AT62-12-0166

PIN	Description	Color	AWG	Func
1	MAIN POWER C|1	RED	10	to BW Brkr load
2	MAIN GROUND C|2	BLK	10	BB | GND



Shown from rear where wires enter the connector

C3 - Bow Panel

PN: AT06-08S — Wedge Lock: AW8S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	PANEL GROUND	BLK	14	S1
2	TRIM UP	BLU	16	S5
3	CRTSY EXT OUT	BLU/GRY	16	S4
4	TRIM DOWN	GRN	16	S6
5	CRTSY EXT BOW PWR	ORG	16	C1 | 10
6	(plug)	-	-	-
7	TRIM POWER	RED	16	S7
8	(plug)	-	-	-



Shown from rear where wires enter the connector

C4 - Bilge 1

PN: AT06-3S — Wedge Lock: AW3S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
A	BILGE 1 AUTO	BRN/PUR	14	BS1
B	BILGE 1 MAN	BRN	14	C1 | 2
C	BILGE 1 NEG	BLK	14	S3



Shown from rear where wires enter the connector

C5 - (F)

PN: AT06-2S — Wedge Lock: AW2S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	AERATOR	BRN/BLK	16	C1 | 7
2	AERATOR NEG	BLK	16	S3



Shown from rear where wires enter the connector

C6 - (G)

PN: AT06-2S — Wedge Lock: AW2S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	RECIRC	BRN/BLU	16	C1 | 6
2	RECIRC NEG	BLK	16	S3



Shown from rear where wires enter the connector

C7 - (H)

PN: AT06-2S — Wedge Lock: AW2S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	AUX FILL	BRN/YEL	16	C1 | 9
2	AUX FILL NEG	BLK	16	S3



Shown from rear where wires enter the connector

Wiring Chart (18 FREEDOM)

C1 - Bow Panel

PN: AT06-08S — Wedge Lock: AW8S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	BOW GRAPH OUT	ORG	16	Ext. lead
2	BILGE 1 MAN	BRN	14	C4 | B
3	CRTSY	BLU/BLK	14	S1
4	ANC LT	GRY/WHT	16	Ext.lead
5	NAV LT	GRY/GRN	16	Ext.lead
6	AERATOR	BRN/BLK	16	C5 | 1
7	FUEL	PNK	16	Ext.lead
8	HORN	ORG/WHT	14	Ext.lead



Shown from rear where wires enter the connector

C2 - Switch Panel 2

PN: ATP06-2S — Wedge Lock: AWP-2S

Sockets: AT62-12-0166

PIN	Description	Color	AWG	Func
1	MAIN POWER C|1	RED	10	MB1
2	MAIN GROUND C|2	BLK	14	Ext.lead



Shown from rear where wires enter the connector

C3 - Bow Panel

PN: AT06-4S — Wedge Lock: AW4S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	TRIM UP	BLU	16	S4
2	TRIM DOWN	GRN	16	S6
3	TRIM POWER	RED	16	S5
4	(plug)	-	-	-



Shown from rear where wires enter the connector

C4 - Bilge 1

PN: AT06-3S — Wedge Lock: AW3S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
A	BILGE 1 AUTO	BRN/PUR	14	BS1
B	BILGE 1 MAN	BRN	14	C1 | 2
C	BILGE 1 NEG	BLK	14	S3



Shown from rear where wires enter the connector

C5 - AERATOR

PN: AT06-2S — Wedge Lock: AW2S

Sockets: AT62-16-0122

PIN	Description	Color	AWG	Func
1	AERATOR	BRN/BLK	16	C1 | 6
2	AERATOR NEG	BLK	16	S3



Shown from rear where wires enter the connector

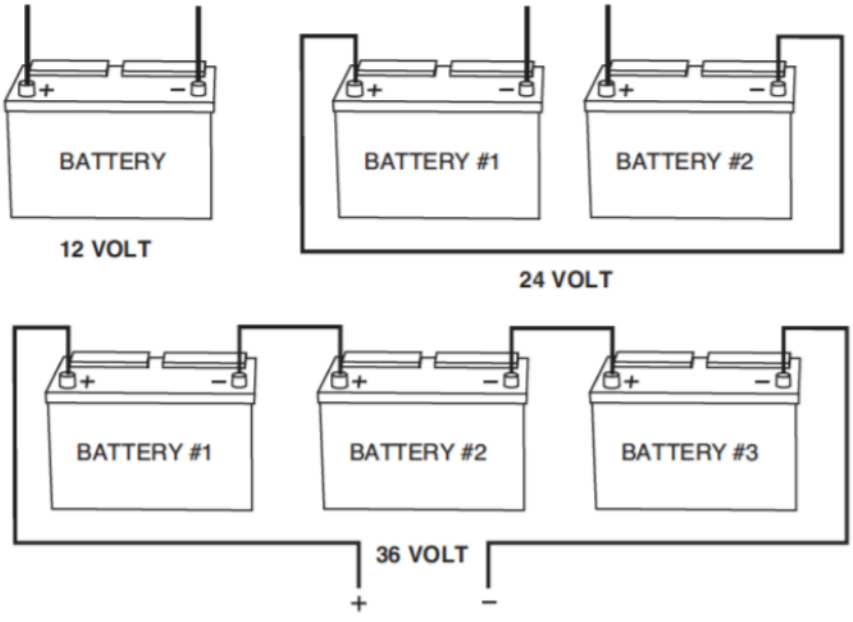
Battery

Batteries are installed by the dealer. See the manufacturer's engine manual for battery requirements and for manufacturer's recommendations for maintaining the batteries. Disconnect all battery cables before servicing the boat, its electrical system, battery, or the outboard and make sure metal objects do not touch the battery posts.

NEVER DISCONNECT THE BATTERY CABLES WHILE THE ENGINE IS RUNNING. DAMAGE TO THE ELECTRICAL SYSTEM CAN OCCUR.

DANGER

- **Batteries contain sulfuric acid which can cause severe burns. Wear protective clothing to avoid acid contact with your skin and eyes. Failure to do so could result in severe injury.**
- **The battery compartment doors MUST be secured in the OPEN position for ventilation when charging any batteries.**
- **Be sure to inspect your boat for and eliminate fuel fumes and their cause prior to connecting a battery charger to your batteries.**
- **Batteries produce explosive hydrogen gas. DO NOT attempt to start your engine with jumper cables.**
- **DO NOT expose batteries to open flames or sparks. DO NOT smoke near batteries. Hydrogen gas can ignite and cause a dangerous explosion resulting in serious injuries.**



Typical 12, 24, and 36 Volt connection

Battery Connections

Keep your outboard motor battery separate from your trolling motor batteries. If you operate your trolling motor from your outboard motor battery, it will discharge the battery and your battery may not have the required power to crank your outboard motor.

12-volt accessories need to be connected to the outboard motor's cranking battery. Interference can occur If you connect your accessories to the trolling motor batteries. Interference can also occur if the transducer wire is strapped or run next to the trolling motor's battery cable.

⚠ WARNING

Keep the battery connections clean, tight, and insulated to prevent shorting or arching and causing a possible explosion. Install protective covers and check the connections often to make sure they are clean and tight. Additionally, loose connections can cause damage to components.

Battery Charging System

The onboard battery charging system allows you to charge your batteries without removing the batteries from the boat. See the battery charger owner's manual included in your Falcon's Owner's Packet for operating instructions and safety precautions.



MAKE SURE ALL ACCESSORIES AND OUTBOARDS ARE IN THE OFF POSITION PRIOR TO CONNECTING TO THE POWER SOURCE AND CHARGING THE BATTERIES.

⚠ WARNING

To prevent serious injuries, DO NOT attempt to start your engine with jumper cables. Using jumper cables could create dangerous sparks causing present hydrogen vapors around the battery to ignite and explode.

Fuel System

Your Falcon boat is equipped with an internal fuel system meeting U.S. Evaporative Standards using certified components.

Leaking fuel is a fire and explosion hazard. **Inspect system regularly**. Examine fuel system for leaks and corrosion at least annually. Failure to inspect the fuel system could allow fuel leakage to go undetected, becoming a fire or explosion hazard.

⚠ WARNING

AVOID SERIOUS INJURY OR DEATH FROM FIRE OR EXPLOSION FROM LEAKING FUEL

CONTENTS CAN BE UNDER PRESSURE

OPEN SLOWLY IN WELL VENTILATED AREA, NO SMOKING OR OPEN FLAMES



NEVER OPERATE YOUR BOAT IF YOU KNOW OR SUSPECT YOU HAVE A FUEL SYSTEM PROBLEM.

If you suspect your boat has a fuel system problem, contact your authorized Falcon Dealer.

⚠ DANGER

THE FUEL TANK IS LOCATED UNDER THE SEATS (SEE WARNING PLATE IN THE BOAT FOR EXACT LOCATIONS) NEVER DRILL, SCREW, OR MODIFY THIS AREA. IF FUEL TANK IS PUNCTURED, UNDETECTED LEAKAGE COULD LEAD TO FIRE OR EXPLOSION.

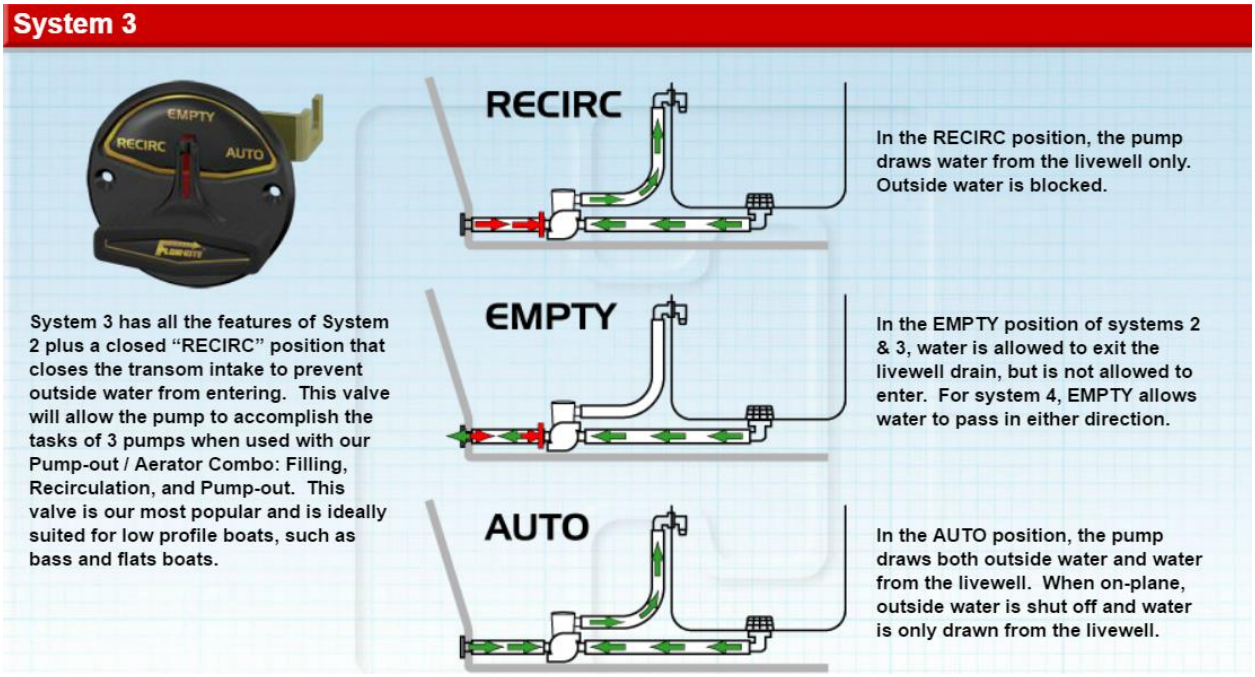
Bilge

A bilge pump is designed to remove excess water which may accumulate in the bilge area. Make sure the bilge pump is not blocked with debris and is in proper working order. Check the pump screen occasionally and monitor the stream from the bilge pump outlet. If you recognize a weak stream at the bilge outlet, this may indicate a blocked pump screen or a poor electrical contact. If you recognize no stream, this could indicate a blown fuse or a pump malfunction.

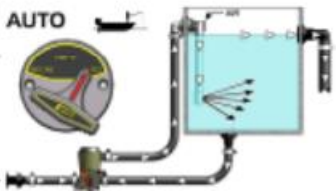
Never operate a dry bilge pump or damage to the pump will occur.

Livewell Operation

FLOW-RITE 3-POSITION AUTOMATIC LIVEWELL

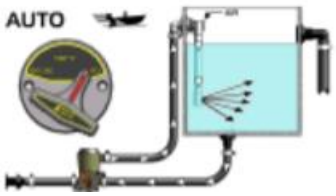


Auto-Off Plane



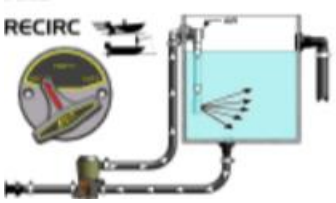
Once the first fish is caught, simply place the rotary actuator in the "AUTO" position, turn on the aerator pump and forget it. With the boat off plane, fresh water will be constantly blended with recirculated livewell water. This ensures a properly filled and freshened livewell at all times and that any ammonia laden used water is expelled through the overflow.

Auto-On Plane



When the boat is placed on plane, the control valve will automatically close the transom port to prevent water loss and the aerator pump is automatically diverted to closed recirculation duty. When the next fishing spot is reached and the boat is brought off plane, the control valve automatically opens the transom port to again allow fresh oxygenated water to be added to the livewell. Therefore, any water that was lost through the overflow while running from spot to spot is automatically made up without any operator assistance.

Recirculate – On/Off Plane

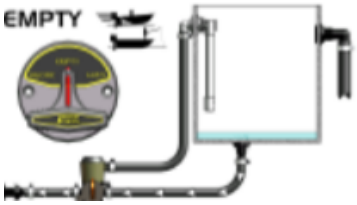


The "RECIRC" position is for those rare occasions when outside water may not be desirable. This may include refueling stops at dockside, and when using a livewell additive shortly before a tournament weigh-in. By placing the rotary actuator in the "RECIRC" position, outside water is prevented from entering while the control valve continues to allow the

pump to recirculate and aerate the livewell. When outside water conditions improve, return to the "AUTO" position. This position is also used when trailering fish.

Empty – On/Off Plane

The "EMPTY" position is, of course, used for draining the livewell. It is, however, much more than just an open drain position. When placed in the "EMPTY" position, the control valve allows water to exit the transom drain, but not enter. This check feature is most appreciated by the tournament angler, who in the wee hours of the morning, does not have to remember to close a livewell drain prior to launching as the control is already in the "EMPTY" position. Water will automatically be prevented from entering the livewell as the boat is backed into the water. No more blast-offs with hundreds of pounds of unwanted water in the livewell.



For detailed information on the livewell system installed in your boat, refer to the livewell system owner's manual in the Owner's Packet.

Exterior Finish

Most things left outdoors, will gradually deteriorate from exposure to sunlight, water, dust and environmental pollutants. Such exposure may cause the exterior surface of your boat to show a variety of changes over time, including but not limited to:

- Chalking, fine powdery whiteness on the surface
- Fading, gradual loss of color
- Clouding, milky spots
- Yellowing
- Loss of gloss

The following routine maintenance can help keep the boat looking its best and slow down the aging process.

1. Keep it covered
   Sunlight and dust can be your boat's worst enemy. When not in use, keep the boat covered. The provided custom boat cover is recommended to help prevent damage while the boat is stored or on the road. Do not use sheet plastic or other nonporous materials, which can trap moisture between the boat's surface and cover.

2. Keep it clean
   Wash the boat's surface, each month, with a mild soap to remove any accumulation of soil and stain. For best results, use cleaners recommended for fiberglass and follow the instructions on the label. DO NOT use acids, alkaline cleaners, abrasives, bleaches, ammonia, or other strong chemicals to clean the boat. It is also recommended that the carpet be vacuumed and cleaned regularly to prevent staining and mildew. Always check the carpet cleaner in a small hidden area to determine if the cleaner is compatible with the carpet.

3. Keep it shiny
   Twice a year, wax the boat's gelcoat surface to help prevent the loss of gloss and protect the finish. Use only wax recommended for fiberglass and follow the instructions on the label. Apply a thick coat of wax to a small area at a time using a clean cloth. If you are using a power buffer, never use one that turns faster than 4000 RPM. High heat may build up and cause damage to the finish. Never wax a hot surface (i.e. if the boat has been sitting in the sunlight) or apply the wax in direct sunlight.

Motor Mounts

It is very important to check that the mounting bolts have the proper torque of 75 ft/lb to ensure a safe and proper connection between the motor and the boat. All bolts from the motor to transom and jack plate to transom should be checked every 6 months and tightened if necessary.

Steering System

To properly maintain your steering system, it is recommended that you do the following prior to every use:

1. Check fluid level in highest helm pump.
2. Verify immediate steering response when turning steering wheel (Ensure engine turns when steering wheel is turned).
3. Visually inspect all steering hoses and fittings for wear, kinking, and/or leaks.
4. Check for binding, loose, worn or leaking steering components.

See the Steering System Owner's manual in the Falcon Owner's Packet for more details.

Fuel System



AVOID SERIOUS INJURY OR DEATH FROM FIRE OR EXPLOSION. A LEAK-FREE FUEL SYSTEM IS A MUST FOR SAFE BOAT USE. CHECK YOUR BOAT FOR FUEL LEAKS AND FUMES BEFORE, DURING, AND AFTER EACH USE.

If you find or suspect a leak, have your authorized Falcon Dealer repair the leak before your next boat outing. Only USCG-approved fuel hoses must be used on the fuel system.

Battery

Periodically check the battery restraint system, making sure the batteries are secured. Additionally, check the batteries frequently for signs of corrosion. If corrosion is evident, clean the terminals with a baking soda and water solution and a wire brush. Before cleaning, remove the vent caps and seal the vent wells with corks to prevent solution from getting inside the battery.

Consult your authorized Falcon Dealer for assistance with maintaining your boat's batteries.

Repairs and Modifications

Your Falcon boat is designed for compliance with applicable safety standards. Owner installation of additional equipment or modification of factory equipment is not recommended. DO NOT attempt to make repairs to your Falcon boat unless you are certified to do so, have the necessary authorized repair information, and use approved marine replacement parts. Never use automotive parts on your boat. Never drill, screw, or modify the area under the seats where the fuel tank is located.

⚠ DANGER

THE FUEL TANK IS LOCATED UNDER THE SEATS (SEE WARNING PLATE IN THE BOAT FOR EXACT LOCATIONS) NEVER DRILL, SCREW, OR MODIFY THIS AREA. IF FUEL TANK IS PUNCTURED, UNDETECTED LEAKAGE COULD LEAD TO FIRE OR EXPLOSION.

Authorized Falcon dealers and repair facilities are qualified to make such repairs, additions, or modifications to your boat that will not compromise the safety, design integrity, or warranty coverage.

Foam Pad Cleaning Instructions

GatorStep™ is made from a closed cell EVA foam and is therefore completely waterproof. GatorStep™ floors are resistant to most stains and oil and require very little maintenance other than sweeping up debris, wiping up spills, and cleaning with mild soap and water from time to time.

For your soap solution, tests determine that approx. 1 Tbsp. of Dawn dish soap to every gallon of water used is adequate to provide a sufficient cleaning mixture. Be sure to rinse well after cleaning to remove any excess soap from the surface.

For really stubborn stains, it is determined that degreaser-based products work safely to clean and remove. The product proven the most effective in our testing is the concentrated CitraSolv cleaner & degreaser. It is only recommended to use harsher degreaser products if diluted and as a last resort.

Keep in mind that the longer dirt and grime sit on a surface, the more difficult the surface can be to clean. We recommend cleaning soon after any heavy use and further as needed.

For additional information, call GatorStep™ at 800.603.5246.

SERVICE MAINTENANCE LOG

DATE	HOUR READING	SERVICE/REPAIRS PERFORMED

TROUBLESHOOTING

Troubleshooting Common Issues		
PROBLEM	**POSSIBLE CAUSE(S)**	**POSSIBLE SOLUTION(S)**
Livewell pumps out when aerator is turned on	Pump out valve is pulled out.	Push in red valve on starboard side livewell.
Flow-Rite valve will not twist	Actuator is clogged.	Remove actuator assembly in bilge area and clean debris.
Electronics functioning unusually	Low voltage or poor connection	Charge or replace cranking battery. Check connections.
Bilge pump inoperable	Clog or low voltage. Fuse(s) blown.	Clean debris from bilge housing and check battery connections. Replace fuse(s) located in the starboard bilge area (connected to the cranking battery).
Dim or no lights	Circuit breaker is tripped or in OFF position	Check circuit breakers and replace as needed. Turn the switch to the ON position.
Electrical Problem	Open circuit breaker. Loose wiring connection. Defective switch.	Check connections. Press circuit breaker to reset. Replace defective switch.
Poor Boat Performance	Contaminated Fuel. Uneven load distribution. Improper power trim setting. Improper propeller selection. Engine problem.	Talk to an authorized Falcon Dealer.
Courtesy Lights will not turn off	One of the two switches are in the ON position.	Check the main switch panel and the trolling motor switch panel to turn both switches to the OFF position.
Trailer concerns or parts needed		Reach out to Marine Masters. Call them at 931.454.9089 extension309 or email them at help@marinemastertrailers.com

APPENDIX A – Warranty Statement

WHAT IS COVERED:

Falcon Boats, LLC ("MANUFACTURER") warrants to the retail purchase of its new and later model year products, which are purchased from a factory authorized dealer, ("Buyer"), that should the hull be structurally defective in material or workmanship under normal operating conditions, Manufacturer will make the structural repairs (or, at its sole discretion), replace the affected part(s) necessitated thereby warranted to the original Buyer for the duration of their period of ownership. For the second Buyer, if properly transferred, the structural warranty is effective for a period of ten (10) years from the date of purchase by original Buyer.

Manufacturer also warrants to Buyer to repair (or replace at its sole discretion) nonstructural defects in material and workmanship under normal operating conditions, subject to the exclusions set forth below, for a period of one (1) year. All warranties run concurrently.

Manufacturer hereby demands that the Buyer examine the product to discover all defects in material or workmanship and notify Manufacturer or the authorized selling dealer of same. During the warranty period, warranty repairs will be made without charge by the authorized selling dealer, at the dealer's store or service facility, or, at Manufacturers election, by Manufacturer at its facility in Newberry, SC. Transportation to and from Manufacturer's factory or to the dealer's store or service facility, shall be at the buyer's expense.

The sole obligation of Manufacturer under this warranty shall be limited to the repair or replacement of any part WHICH IS JUDGED DEFECTIVE BY Manufacturer. Manufacturer will not be liable for haul-out, launch, towing or storage charges, inconvenience or loss of time or income or any other special or consequential damages of any kind. Buyer must validate this warranty by completing and returning the boat registration card within fifteen (15) days after original purchase. The failure of Buyer to completely fill-out and return the boat registration card may make it impossible for Manufacturer to give required notice to Buyer in the event any defect is discovered "which creates a substantial risk of personal injury to the public" or any noncompliance by Manufacturer.

The Structural Hull Limited Warranty may be transferred to a second Buyer of the boat during the warranty period provided that the boat passes recertification inspection by an Authorized Manufacturer Marine Dealer and is properly transferred within 5 years of the date of purchase of the original Buyer. Subsequent purchaser shall pay a $200.00 inspection fee, complete transfer paperwork, and be responsible for transportation charges to and from the place of inspection. Proof of purchase date is required. This limited warranty may only be transferred once. Re-certification is not automatic and Manufacturer expressly reserves the right to deny re-certification should it determine the boat fails inspection.

WHAT IS NOT COVERED:
The following is not warranted:

(1) Any boat that has been subject to any type of repossession;
(2) A product which has been repaired or altered without authorization of Manufacturer or altered in any way so as to affect its use and operation. Manufacturer reserves the right to improve or change the design or manufacture of Falcon Boat Models without any obligation to modify previous boats:
(3) Engines, controls, propellers, engine brackets, stereos, depth finders, GPS units, trolling motors, batteries, or other equipment or accessories which are not manufactured by Manufacturer whether or not warranted by such other manufacturer;
(4) Blistering or Discoloring, Gel coat finish, cracking or crazing;
(5) Windshield breakage;
(6) Leaking around windshields, hatches or other apertures;
(7) Cover(s), zippers, vinyl, upholstery, plastic, fabric:
(8) Discoloration, oxidation, "bleeding", or corrosion of Stainless Steel or other metal products;
(9) A product which has been subjected to unreasonable use, tampering, abuse, mishandling, improper maintenance, negligence, improper trailering, alterations, accidents, or used for racing or commercial purposes, or which has been operated contrary to any printed instruction furnished by manufacturer;
(10) A product which has been overpowered according to the maximum recommended engine horsepower specified on the attached capacity plate;
(11) Machinery, equipment and accessories not factory installed;
(12) Condensation in gauges;
(13) Any representations of storage to be "dry";
(14) Any representation relating to speed or weight of a product;
(15) Dealer preparation, cleaning, and final adjustments and alignments in preparing the boat for delivery or commissioning;
(16) Any transportation, launch, hauling, storage, loading, or other expenses incurred in returning the boat for warranty service;
(17) Any time, loss of use, inconvenience, boat payment, or loss of or damage to personal property;
(18) A boat used for commercial purposes (commercial purposes, as used herein, means a vessel with more than 50% usage for business or revenue-producing purposes);
(19) Boats declared a total loss, constructive total loss, or salvaged;
(20) Any act of God.

GENERAL PROVISIONS:
This warranty gives you specific rights, and you may also have other rights which vary from state to state. This warranty is governed by the Laws of the State of South Carolina. This document contains the entire warranty given by Manufacturer and there are no terms, promises, conditions, or warranties other than those contained herein. No oral or written information or advice given by Manufacturer, its dealers, representatives, agents or employees shall create a warranty by Manufacturer or in any way increase the scope of this warranty. Manufacturer does not authorize any person to alter or amend this warranty or to create or assume for it any other obligation or liability with respect to this product. Manufacturer reserves the right to improve its products through such changes in products previously manufactured.

THIS EXPRESS WARRANTY IS IN LIEU OF, AND MANUFACTURER DISCLAIMS, ANY OR ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, WHATSOEVER INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES UNDER THE UNIFORM COMMERCIAL CODE, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY SHALL BE THE SOLE AND EXCLUSIVE REMEDY OF ANY PERSON WHETHER IN CONTRACT, TORT OR OTHERWISE ANY MANUFACTURER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGE RESULTING FROM A BREACH OF THE EXPRESS OR ANY IMPLIED WARRANTY WHICH IS NOT DISCLAIMED HEREIN NOR FOR ANY LOSS OR DAMAGE, EXCEPT AS SET FORTH ABOVE.

In the event that the above disclaimed and exclusion of warranties and damages are inconsistent with applicable law, those disclaimers and exclusions are limited to the maximum permitted by applicable law, and all remaining implied obligations and warranties are limited in duration to a period of one (1) year or such shorter period as permitted by applicable law. Some states do not allow limitations on implied warranties or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

LIMITED WARRANTY FOR FALCON BOATS, LLC
ALL WARRANTIES RUN CONCURRENTLY!
STANDARD FEATURES ARE SUBJECT TO CHANGE WITHOUT NOTICE
FALCON BOATS, LLC
750 Wilson Road, Newberry, SC 29108 803-276-0033

WARRANTY TRANSFER FORM

DATE OF PURCHASE _____

MODEL YEAR _____ MODEL _____

HULL IDENTIFICATION NUMBER _____

NEW OWNER'S NAME (2nd Buyer)_____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

EMAIL _____ PHONE _____

☐ *I agree to the warranty terms and conditions pursuant to my particular model year boat.*

SIGNATURE _____ DATE _____

PREVIOUS OWNER'S NAME (First Buyer)_____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

INSPECTION PERFORMED BY _____

DEALER/REPAIR FACILITY _____DATE _____

There is a <u>$200.00 fee</u> **payable to Falcon Boats** Fee covers inspection, official transfer and documentation of the warranty. Send **<u>check</u>** or **<u>money order</u>** along with this completed form as well as a copy of the notarized **<u>Bill of Sale</u>**. To pay by credit card, call Falcon Boats. All information must be provided before the warranty is transferred.	**SEND PAYMENT AND FORM TO** Falcon Boats Attn: Warranty Department 750 Wilson Road Newberry, SC 29108	
	PH 803.276.0033	Parts-warranty@falconbassboats.com

Falcon Boats

750 Wilson Road, Newberry, SC 29108

803.276.0033

www.falconbassboats.com

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