

RECORD IMPORTANT INFORMATION!

In addition to this manual, your Skeeter boat is supplied with component manufacturer information such as instructions, warranties or other important information. Read these materials carefully.

Safeguard information about your Skeeter boat by recording the Hull Identification Number (HIN) and the model of your boat, and the model and serial numbers of your outboard motor, and trailer.

Your HIN is located on the top right side of the transom, above the water line. The U.S. Coast Guard requires that your HIN be permanently affixed and remain on the top right side of the transom.





Hull

HIN _____

Date Purchased _____

Dealer/Phone _____

Ignition Key Number _____

Registration Number/State _____

Outboard Motor

Model # _____

Serial # _____

Trailer

Model # _____

Serial # _____

Accessory

Model # _____

Serial # _____

The identification numbers are important! Keep a copy of these numbers stored in a safe place off the boat. In case of theft, damage, etc., report these numbers to the local authorities, your insurance agent, and your Skeeter Dealer.





INTRODUCTION

Thank you for choosing a Skeeter boat. This Owner's/Operator's Manual contains information you will need for proper operation, maintenance, and care. A thorough understanding of these simple instructions will help you to obtain maximum enjoyment from your new boat. If you have any questions about the operation or maintenance of your boat, please consult a Skeeter Dealer.

Because Skeeter has a policy of continuing product improvement, this product may not be exactly as described in this Owner's/Operator's Manual. Specifications are subject to change without notice. This manual should be considered a permanent part of this boat and should remain with it even if the boat is subsequently sold.



INTRODUCTION

BOATING CHECKLIST

For improved safety and enjoyment, check each of these items:

BOATER'S CHECKLIST

For improved safety and enjoyment, check each of these items:

CHECK BEFORE YOU LAUNCH YOUR BOAT:

- Read Owner's Manual
- Over-Flap (Securely in place?)
- Propeller (Condition (plug) not tight and secured; no cracks or bent blades.)
- Steering System (Working smoothly and properly; self locking rudd in place.)
- Battery (Fully charged; cable terminals clean and tight?)
- Capacity Plate (Are you overpowered?)
- Weather conditions (Safe to go out?)
- Fuel & Oil (Sufficient for trip; check bilge area for gas odor; no leaks.)
- Hoses & Connectors (no kinks or damage.)
- Electrical equipment (Lights, horn, pumps, etc.)
- Safety Equipment (Fire extinguisher, water, paddle, anchor and line, mooring float, signaling device, first aid, first aid kit, first aid manual.)
- Final Plan submitted to Responsible Person (parent or adult)

CHECK BEFORE YOU START YOUR ENGINE:

- Fuel (Sufficient for trip; check bilge area for gas odor.)
- Control in forward
- Capacity plate (Are you overloaded?)
- Personal Retention Devices on all occupants
- Seating (Everyone in proper place?)
- Lanyard Stop Switch (Operational and securely fastened?)
- No one in water near boat
- Keep a firm and continuous grip on the steering wheel

RECOMMENDED ON-PLANE SEATING LOCATIONS



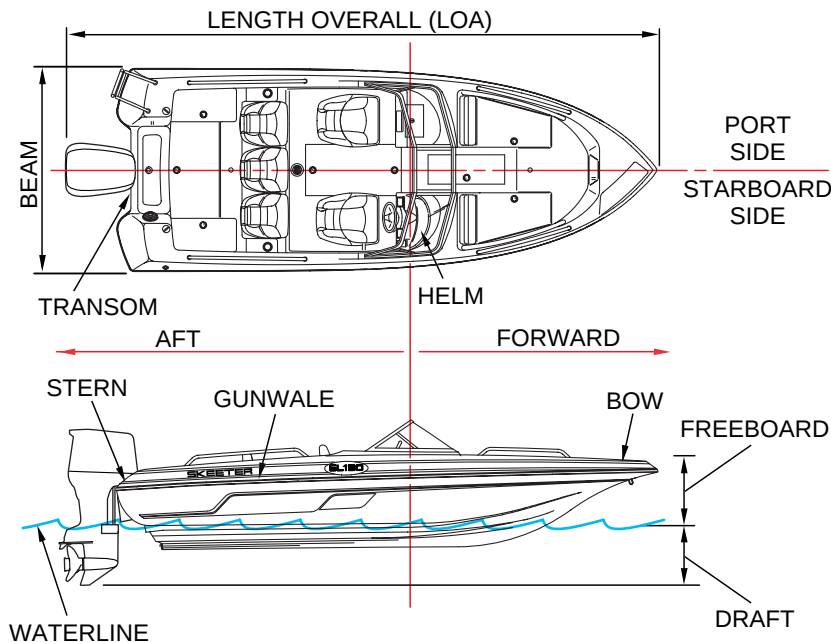
**WARNING**

DO NOT RIDE OR OPERATE BOAT WHEN UNDER POWER OF MAIN ENGINE WHILE SEATED OR LYING ON ELEVATED DECK AREAS. THIS BOAT SHOULD BE OPERATED ONLY BY A TRAINED AND EXPERIENCED OPERATOR. FAILURE TO HEED THIS WARNING MAY RESULT IN INJURY.



INTRODUCTION

BOATING TERMINOLOGY



9343-001

* An easy way to remember PORT side from STARBOARD side is “PORT” and “LEFT” both have four letters.



NOTES

[illegible]



TABLE OF CONTENTS

Skeeter Welcome	i	Accident Reporting.	1-19	ST Deck Layout	3-14
Boating Checklist	ii	Pre-operation Checks		Equipment	3-15
Boating Terminology	iii	Checklist	1-20		
1 Boating Safety	1-1	Checks.	1-21	4 Saltwater Boats.	4-1
Important Manual		Enjoy Your Skeeter Boat		Safety Labels.	4-1
Information	1-1	Responsibly	1-24	Helm Layout	4-2
Safety Information	1-2	2 Basic Rules of the Road. . .	2-1	General Deck Layout	4-4
Limitations On Who May		Rules of the Road	2-1	Equipment	4-5
Operate The Boat	1-3	Rules When Encountering		5 Deepwater Boats.	5-1
Boat Setup.	1-6	Vessels	2-3	Safety Labels.	5-1
Required Equipment	1-10	3 Bass Boats	3-1	Helm Layout	5-2
Additional Equipment		Safety Labels.	3-1	General Deck Layout	5-4
Recommendations.	1-11	Helm Layout ZX Performance		Gauge and Switch Panel . . .	5-5
Operational		Series.	3-2	Equipment	5-6
Requirements	1-12	Helm Layout TZX Series. . .	3-4	6 Fish and Ski Boats	6-1
Cruising Limitations	1-14	ZX/TZX Deck Layout	3-6	Safety Labels.	6-1
Hazard Information.	1-15	Helm Layout SX Tournament		Helm Layout	6-4
Night Operation	1-15	Series.	3-8	General Deck Layout	6-6
Water Skiing.	1-16	SX Deck Layout.	3-10	Equipment	6-7
To Get More Boating Safety		Helm Layout ST Series. . .	3-12		
Information.	1-18				





TABLE OF CONTENTS

7 Controls and Indicators . . . 7-1	10 Getting Underway 10-1	Corrosion Protection 12-6
Steering 7-1	Safety Checklist 10-1	General Maintenance 12-8
Outboard Motor Trim 7-2	Safety Equipment 10-2	Fuel System 12-12
Foot Throttle (Option) 7-4	Boarding 10-2	Steering System 12-12
Pro Trim (Option). 7-5		
Instruments 7-5	11 Running 11-1	13 Troubleshooting 13-1
Switches 7-8	Maneuvering	Trouble Check Chart 13-1
Circuit Breakers/Fuses . . . 7-10	Techniques 11-1	
	Anchoring 11-3	
8 Boat Systems 8-1	Performance Boating 11-5	14 Storage 14-1
Electrical System 8-1	Propellers 11-6	Lifting 14-3
Fuel System 8-1	Post-operation Checks 11-7	Trailing 14-4
Livewell Systems 8-3	Trailing 11-9	
Bilge 8-8		
	12 Care and Maintenance . . 12-1	15 Glossary of Terms 15-1
9 Operation 9-1	Repairs and	Warranty
Operation 9-1	Modifications 12-1	
Driving Your Skeeter Boat . . 9-3	Electrical 12-2	
Boat Trim 9-9		



IMPORTANT MANUAL INFORMATION

In this manual, information of particular importance is distinguished in the following ways:



The Safety Alert Symbol means

ATTENTION! BECOME ALERT!

YOUR SAFETY IS INVOLVED!



WARNING

Failure to follow **WARNING** instructions could result in severe injury or death to the boat operator or passengers, a bystander, or a person inspecting or repairing the boat.

CAUTION

A **CAUTION** indicates special precautions that must be taken to avoid damage to the boat.

NOTE: A **NOTE** provides key information to make procedures easier or clearer.



SAFETY INFORMATION

The safe use and operation of this boat is dependent upon the use of proper operating techniques, as well as upon the common sense, good judgment, and expertise of the operator. Every operator should know the following requirements before operating the boat.

- Before operating the boat, read this Skeeter Owner's/Operator's Manual, the Owner's/Operator's Manual for the outboard motor, the literature for all other equipment supplied with your boat or trailer, and all warning and caution labels on the boat, motor, and trailer. These materials should give you an understanding of the boat and its operation.
- Never allow anyone to operate this boat until they too have read the Owner's/Operator's Manual and all warning and caution labels.



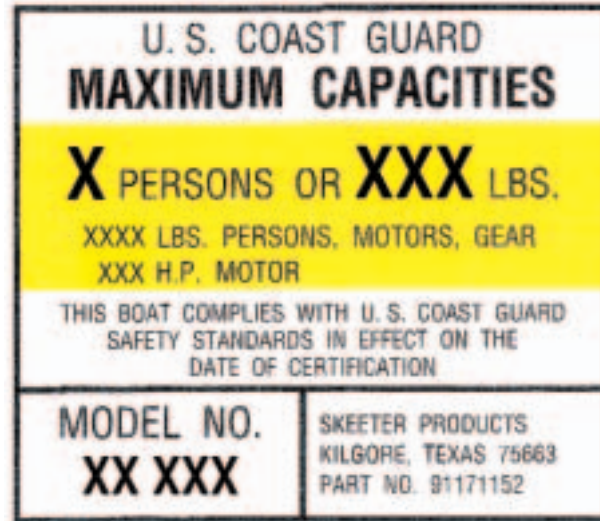
LIMITATIONS ON WHO MAY OPERATE THE BOAT

- Skeeter recommends a minimum operator age of 16 years old.
- Adults must supervise use by minors.
- Know the operator age and training requirements for your state. A boating safety course is recommended and may be required in your state. You can find local rules by contacting the United States Coast Guard (USCG), the National Association of State Boating Law Administrators, or your local Power Squadron.
- This Skeeter boat has maximum capacities for number of passengers and weight on board. Never exceed these maximum load limits. Weight distribution affects performance. Keep weight in the boat low and evenly distributed from side-to-side and front-to-back. Remove any unnecessary cargo and store it on shore.



Overpowering/Overloading

DO NOT overpower or overload your boat. Your boat is equipped with a required capacity plate indicating the maximum acceptable power and load as determined by the manufacturer following certain Federal guidelines. In doubt, contact your Skeeter Dealer.



Typical Capacity Plate
Figure 1-1



BOATING SAFETY

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

- Cause loss of boat control.
- Place too much weight at the transom altering the design flotation characteristics of the boat.
- Cause the boat to break apart.

Overpowering a boat can result in serious injury, death or boat damage.

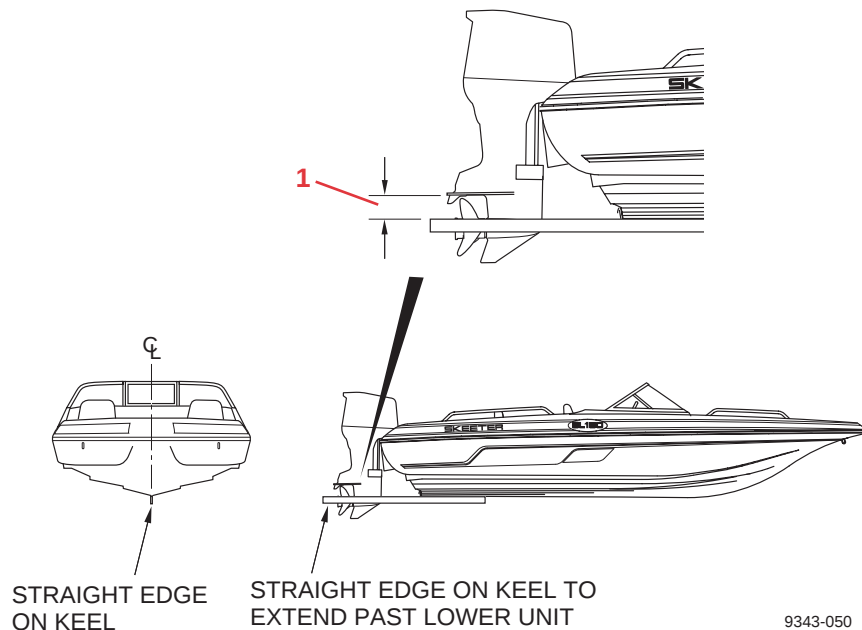


WARNING

DO NOT overpower or overload your boat.



BOAT SETUP



9343-050

Boat Setup
Figure 1-2



BOATING SAFETY

Your Skeeter boat is shipped from Skeeter with almost all of the necessities to operate your boat. Not all boats will be equipped as others, since you have the option on how to accessorize and equip your boat.

The installation of your outboard motor is already done by Skeeter. The installation height **(1)** may have to be adjusted to optimize and maximize its performance. (The installation height is the distance from the bottom of the cavitation plate to the top of the straight edge.) The installation height should never be adjusted by someone who is not qualified to establish the correct installation height. The installed height is based on an average, since Skeeter cannot predetermine your boat's loads or uses. The addition of add-ons or accessories which can inhibit performance and safety should never be added as a means of trying to increase performance. If you believe you are experiencing poor performance, contact your Skeeter Dealer.



BOATING SAFETY

A jack plate is sometimes used on boats to adjust installation height. Do not use a jack plate on your Skeeter boat unless it is specifically designed for one, and then only use the Skeeter recommended jack plate. Other jack plate installations are considered misuse and is not covered by warranty.

The following Skeeter models are equipped with a jack plate:
ZX250, ZX25, ZX200, ZX190, and TZX190

The following Skeeter models offer a jack plate as an option:
ZX2400, ZX2200, ZX2200T, and ZX2000



WARNING

Do not attempt to alter your Skeeter boat to increase performance. Modifications could make your boat unsafe to use, increasing the risk of severe injury or death.



Engine Stop Switch and Cord Lanyard

Your Skeeter boat is equipped with an engine stop switch and cord lanyard. Skeeter strongly recommends that the cord lanyard be secured to the operator and the lock plate attached to the engine stop switch prior to starting the engine and anytime the engine is operating.

This device is designed to turn off the engine whenever the operator moves far enough away from the helm to activate the switch. It is strongly recommended that the operator use the cord lanyard.



WARNING

- **Attach the engine stop switch cord lanyard to a secure place on your clothing, your arm or leg while operating.**
- **Avoid accidentally pulling the cord lanyard during normal operation. Loss of engine power means loss of most steering control. Also, without engine power, the boat could slow rapidly. This could cause people and objects in the boat to be thrown forward.**
- **DO NOT attach the cord lanyard to clothing that could tear loose. DO NOT route the cord lanyard where it could become entangled, preventing it from functioning.**



REQUIRED EQUIPMENT

The U.S. Coast Guard (USCG) has regulations which describe minimum standards of safety. You must comply with these regulations.

- Personal Flotation Devices (PFDs): Type I, II, III, or V as required for all people on board (see “Operational Requirements” for more information), plus at least one Type IV (throwable type).
- Fire Extinguisher: At least one B-1 type, hand-held, portable fire extinguisher.
- Visual Distress Signals: It is recommended that a USCG-approved pyrotechnic device be stored on your boat. A mirror can also be used as an emergency signal. Contact your Skeeter Dealer or the Coast Guard for more information.
- Sound Signaling Device: Your Skeeter boat is equipped with a horn that can be used to signal other boats. See “Rules of the Road” for more information.
- Navigation Lights: Your Skeeter boat is equipped with navigation lights for use between sunset and sunrise, and during periods of reduced visibility, such as fog. Be sure these lights are working and are turned on when necessary. See **Section 7** for more information.



ADDITIONAL EQUIPMENT RECOMMENDATIONS

- The following equipment can help make your boating experience safer and more enjoyable:
- Mooring fenders and lines
- Anchor with suitable line (a “Danforth” type anchor and line that is at least 6-times the depth of the water where you will drop anchor are recommended)
- Manual-type bilge pump
- First Aid kit
- Waterproof flashlight with extra batteries
- Tool kit with assorted screwdrivers, pliers, wrenches (including metric sizes), and electrical tape
- Oar or paddle (look for one with a boat hook on the other end)
- Spare parts, such as an extra set of spark plugs and fuses
- Navigation charts for the waters where you will be boating
- Tow rope



OPERATIONAL REQUIREMENTS

- The operator and all passengers should wear a U.S. Coast Guard approved personal flotation device (PFD). U.S. Coast Guard regulations require that the proper number and type of PFD be aboard the boat for each adult passenger and worn by each child under 13 years old. However, some foreseeable accidents could happen so quickly on any boat that there would not be time to put on a PFD. Therefore, Skeeter recommends PFD use at all times while the boat is in operation.
- Eye protection is recommended to keep wind, water, and glare from the sun out of your eyes while you operate your Skeeter boat. Restraining straps for eyewear are made which are designed to float should your eyewear fall into the water.
- Footwear and gloves are recommended.
- NEVER operate the boat after consuming alcohol or taking drugs.
- For reasons of safety and proper care of your Skeeter boat, always perform the pre-operation checks listed on Page 1-20 before operating.
- Passengers must always sit in a designated seating area, place feet on the deck, and hold on to the hand grips when the boat is in motion.
- Always consult your doctor on whether it is safe for you to ride in this boat if you are pregnant or in poor health.
- Do not attempt to modify this Skeeter boat! Modifications to your boat may reduce safety and reliability, and render the boat unsafe or illegal to use.



BOATING SAFETY

- Attach the engine stop cord (lanyard) to PFD and keep it free from steering wheel or other controls so that the engine stops if the operator accidentally leaves the helm. Failure to attach the engine stop cord could result in a runaway boat if the operator is ejected.
- After operation, remove the engine stop cord and the keys to avoid accidental starting or unauthorized use by children or others.



CRUISING LIMITATIONS

- Scan constantly for people, objects, and other watercraft. Be alert for conditions that limit your visibility or block your vision of others.
- Operate defensively at safe speeds and keep a safe distance from people, objects, and other watercraft.
- Do not follow directly behind other boats.
- Do not go near others to spray or splash them with water.
- Avoid sharp turns or other maneuvers that make it hard for others to avoid you or understand where you are going.
- Avoid areas with submerged objects or shallow water.
- Operate within your limits and avoid aggressive maneuvers to reduce the risk of loss of control, ejection, and collision.
- This is a high-performance boat – not a toy. Sharp turns or jumping waves or wakes can increase the risk of back/spinal injury (paralysis), facial injuries, and broken legs, ankles, and other bones. Do not jump waves or wakes.
- Do not operate the boat in rough water, bad weather, or when visibility is poor; this may lead to an accident causing injury or death. Be alert to the possibility of bad weather. Take note of weather forecasts and the prevailing weather conditions before setting out in your boat.
- Leave a “float plan” with a responsible person on shore. Tell where you plan to go and when you plan to arrive, and provide a description of your boat. Advise this person if your plans change and also when you arrive to prevent false alarms. A sample float plan is included in this manual.



HAZARD INFORMATION

- Never start the engine or let it run for any length of time in an enclosed area. Exhaust fumes contain carbon monoxide, a colorless, odorless gas that may cause death within a short time. Always operate the boat in an open area.
- Do not use the reverse function to slow down or stop the boat as it could cause you to lose control, be ejected, or impact the steering wheel or other parts of the boat. This could increase the risk of serious injury. It could also damage the shift mechanism.
- Reverse can be used to slow down or stop during slow speed maneuvering, such as when docking. Once the engine is idling, shift to reverse and gradually increase engine speed. Make sure that there are no obstacles or people behind you before shifting into reverse.
- Stop the engine and remove the clip from the engine stop switch before removing any debris or weeds, which may have collected around the propeller.

NIGHT OPERATION

- When using your boat before dawn or after dusk, you must have both bow and stern lights operating. When at anchor in the dark, the stern light must be lit. See **Section 7** for more information.



WATER-SKIING

- Some Skeeter boats are equipped to tow a water skier, using the tow cleat or ski pylon provided.
- It is the boat operator's responsibility to be alert to the safety of the water-skier and others. Know and follow all state and local water-skiing regulations in effect for the waters in which you will be operating.
- The following are some important considerations for minimizing risks while water-skiing.
- The skier should wear an approved PFD, preferably a brightly colored one so boat operators can see the skier.
- The skier should wear protective clothing. Severe internal injuries can occur if water is forced into body cavities as a result of falling into the water or while reboarding. Normal swimwear does not adequately protect against forceful water entry into rectum or vagina. The skier should wear a wetsuit bottom or clothing that provides equivalent protection. Such clothing includes thick, tightly woven, sturdy and snug fitting apparel such as denim, but does not include spandex or similar fabrics like those used in bicycle shorts.
- A second person should be on board in a rear-facing seat as a spotter to watch the skier; in most states it is required by law. Let the skier direct the operator's control of speed and direction with hand signals.
- When preparing to pull a skier, operate the boat at the slowest possible speed until the boat is well away from the skier and slack in the towrope is taken up. Make sure that the rope is not looped around anything.
- After checking that the skier is ready and that there is no traffic or other obstacles, apply enough throttle to raise the skier.



BOATING SAFETY

- Make smooth, wide turns. The boat is capable of very sharp turns, which could exceed the abilities of the skier. Keep the skier at least 50 meters (150 feet), about twice the distance of a standard towrope, away from any potential hazard.
- Be alert to the hazard of the towrope handle snapping back at the boat when the skier falls or is unable to get up on the skis.



TO GET MORE BOATING SAFETY INFORMATION

Be informed about boating safety. Additional publications and information can be obtained from many organizations, including the following.

United States Coast Guard

Consumer Affairs Staff (G-BC)

Office of Boating, Public, and Consumer Affairs

US Coast Guard Headquarters

Washington, D.C. 20593-0001

Boating Safety Hotline:

1-800-368-5647

Other Sources:

You can find local rules by contacting the National Association of State Boating Law Administrators, or your local Power Squadron.



Boat Education and Training

The Online Boating Safety Course is available at <http://www.boatus.org>. Upon successful completion of 80 percent or better, the user can request a certificate of completion by mail or can download one immediately. The Online Boating Safety Course, provided by the Boat/US Foundation, is approved by the National Association of State Boating Law Administrators (NASBLA) and recognized by the United States Coast Guard. This course meets the education requirement for those states that recognize non-proctored, NASBLA-approved courses.

ACCIDENT REPORTING

Boat operators are required by law to file a Boating Accident Report with their state boating law enforcement agency if their boat is involved in any of the following accidents:

1. There is loss of life or probable loss of life.
2. There is personal injury which requires medical attention beyond first aid.
3. There is damage to boats or other property which exceeds \$500.00.
4. There is complete loss of a boat.

Contact local law enforcement personnel if a report is necessary.



PRE-OPERATION CHECKS CHECKLIST

Before operating this boat, perform the following checks:

If any item in the Pre-Operation Check is not working properly, have it inspected and repaired before operating your boat. Otherwise an accident could occur.

NOTE

Pre-operation checks should be made each time the boat is used. This procedure can be accomplished thoroughly in a short time. The added safety and reliability the checks assure is worth the time involved.



CHECK POINTS

Perform the following in addition to the pre-operation check points provided in your outboard motor owner's manual.

Steering

Make sure the wheel is not loose. There should not be any free play, either in-and-out or in rotation. Turn the steering wheel full-right and full-left to make sure operation is smooth and unrestricted throughout the whole range.

Keep the steering cable end clear of obstructions such as wiring, control cables, fuel lines, tow lines, and mooring lines.

Keep moving parts clean and lubricated.

Inspect the steering cable for kinks, damage, or corrosion.

Throttle and Shifting

Operate the throttle lever several times to make sure there is no hesitation in its travel. Operation should be smooth over the complete range of motion. Refer to your outboard owner's manual for more information.



Fire Extinguisher

Make sure the fire extinguisher is aboard and full. See the instructions supplied by the fire extinguisher manufacturer to determine proper indication of condition.



WARNING

Always carry a fire extinguisher on board.

Hull

Before launching, check the hull of your boat for cracks or damage.

Drainage System

Self-Bailing Deck: Most water which enters the deck area bails automatically out the stern through the large drain hole in the deck. A one-way check valve in the drain prevents water from traveling back to the deck during mooring or while moving in reverse.

Bilge Pump: Your Skeeter boat is equipped with a drainage system that channels water that enters the boat from the storage compartments to the bilge under the engine compartment. When the bilge pump is turned on, the pump will sense when there is excessive water in the bilge and will automatically drain most of it through the outlet. For normal operation, turn the bilge pump switch on during boat use and turn it off when leaving the boat.



If the Skeeter boat is to be left in the water after use, leave the bilge pump switch in the ON position. The pump will activate if needed to drain any water accumulating in the bilge.

Drain Plug: A drain plug is located at the center of the stern to allow more complete draining when the boat is removed from the water.

Lights

Check for proper operation of the bow, stern, and instrument lights by pressing the switch on the control panel. If the stern light is not installed, remove it from the storage area, lift the socket cover, and install it into the socket to check operation.

Horn

Press the horn switch to be sure the horn operates.

Fuel and Oil

Follow your outboard motor owner's manual for information about the proper fuel and oil for your motor.

Engine Stop Switch

First, place the boat in the water to provide adequate engine cooling. Start the engine, and then remove the engine stop switch clip, and verify that the engine stops. See your outboard motor owner's manual for more information.



ENJOY YOUR SKEETER BOAT RESPONSIBLY

You share the areas you enjoy when operating your boat with others and with nature. So your enjoyment includes a responsibility to treat these other people, and the lands, waters, and wildlife with respect and courtesy. Whenever and wherever you are boating, think of yourself as the guest of those around you. Remember, for example, that the sound of your boat may be music to you, but it could be just noise to others. And the exciting splash of your wake can make waves others won't enjoy. Avoid riding close to shoreline homes and waterfowl nesting areas or other wildlife areas, and keep a respectful distance from fishermen, other boats, swimmers, and populated beaches. When travel in areas like these is unavoidable, operate slowly. Remember that pollution can be harmful to the environment. Do not refuel or add oil where a spill could cause damage to nature. And keep your surroundings pleasant for the people and wildlife that share the waterways: don't litter!

When you go boating responsibly, with respect and courtesy for others, you help ensure that our waterways stay open for the enjoyment of a variety of recreational opportunities.

Foreign Species

If you trailer your boat from lake to lake, you may unknowingly introduce a foreign aquatic species from one lake to the next. Thoroughly clean the boat below the water line, remove all weeds and algae, and drain the bilge before launching the boat in a new body of water.



Fuel/Oil Spillage



WARNING

Fumes from rags can collect in the bilge and be extremely hazardous. Do not store rags used to wipe up fuel or solvent spills in the boat. Dispose of rags properly ashore.

The spilling of fuel or oil into our waterways contaminates the environment and is dangerous to wildlife. Do not discharge or dispose of fuel, oil or other chemicals into the water; it is prohibited and you can be fined. These are two common, accidental types of discharge:

- Overfilling the fuel tanks
- Pumping contaminated bilge water

Discharge/Disposal of Waste

Waste means all forms of garbage, plastics, recyclables, food, wood, detergents, sewage, and even fish parts in certain waters – in short, nearly everything. We recommend you bring back everything you take out with you for proper disposal ashore.

Use an approved pump-out facility at your marina. Many areas prohibit the discharge of sewage overboard or even an operable overboard waste discharge.



Excessive Noise

Noise means engine noise, radio noise or even voices. Many bodies of water have adopted noise limits. Don't use thru-transom exhaust unless you're well off shore. Music and loud conversation can carry a considerable distance on water, especially at night. Be sure to follow regulations and be courteous.

Wake/Wash



WARNING

You are responsible for injury and damage caused by your wake/wash.

Be alert for NO WAKE zones. Prior to entering a no wake zone, come off plane to the slowest steerable speed. Use caution when operating around smaller crafts, in channels and marinas, and in congested areas.



BASIC RULES OF THE ROAD

RULES OF THE ROAD

Operation of your boat must be in accordance with the rules and regulations governing the waterway on which it is used. Just as there are rules that apply when you are driving on streets and highways, there are waterway rules that apply when you are operating your boat. These rules are used internationally, and are also enforced by the United States Coast Guard and local agencies. You should be aware of these rules, and follow them whenever you encounter another vessel on the water.

Several sets of rules prevail according to geographic location, but are all basically the same as the International Rules of the Road. The rules presented here in this Owner's/Operator's Manual are condensed, and have been provided for your convenience only. Consult your local U.S. Coast Guard Auxiliary or Department of Motor Vehicles for a complete set of rules governing the waters in which you will be operating your boat.

Steering and Sailing Rules

Whenever two vessels on the water meet one another, one vessel has the right-of-way; it is called the "stand-on" vessel. The vessel that does not have the right-of-way is called the "give-way" or "burdened" vessel. These rules determine which vessel has the right-of-way, and what each vessel should do.



BASIC RULES OF THE ROAD

Stand-On Vessel

The vessel with the right-of-way has the duty to continue its course and speed, except to avoid an immediate collision. When you maintain your direction and speed, the other vessel will be able to determine how best to avoid you.

Give-Way Vessel

The vessel which does not have the right-of-way has the duty to take positive and timely action to stay out of the way of the stand-on vessel. Normally, you should not cross in front of the vessel with the right-of-way. You should slow down or change directions briefly and pass behind the other vessel. You should always move in such a way that the operator of the other vessel can see what you are doing.

The General Prudential Rule regarding the right-of-way is that if a collision appears unavoidable, neither boat has the right-of-way. Both boats must avoid the collision. In other words, follow the standard rules except when a collision will occur unless both vessels try to avoid each other. If that is the case, both vessels become give-way vessels.



BASIC RULES OF THE ROAD

RULES WHEN ENCOUNTERING VESSELS

There are three main situations that you may encounter with other vessels which could lead to a collision unless the Steering Rules are followed:

- Meeting: you are approaching another vessel head-on
- Crossing: you are traveling across another vessel's path
- Overtaking: you are passing or being passed by another vessel



BASIC RULES OF THE ROAD

In the following illustration, your boat is in the center. You should give the right-of-way to any vessels shown in the white area (you are the give-way vessel). Any vessels in the shaded area must yield to you (they are the give-way vessels). Both you and the meeting vessel must alter course to avoid each other.

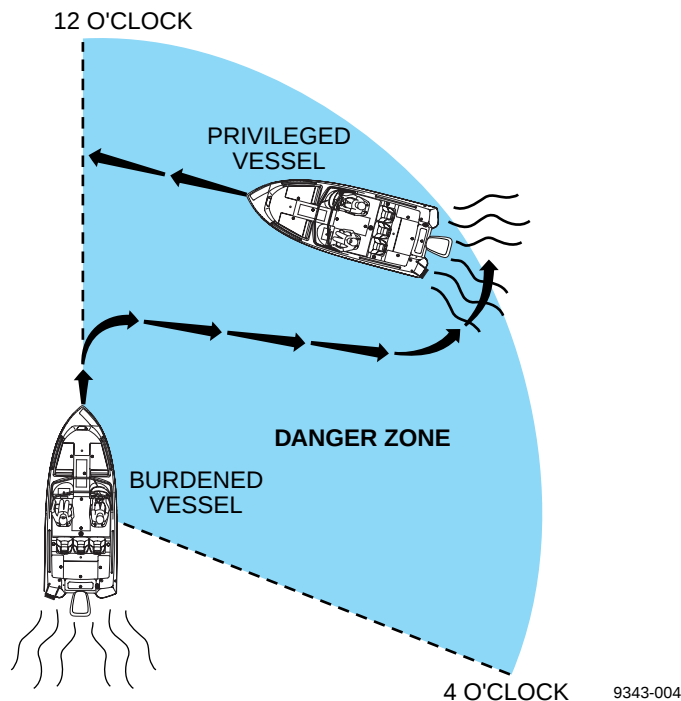


Figure 2-1



BASIC RULES OF THE ROAD

Meeting

If you are meeting another power vessel head on, and are close enough to run the risk of collision, neither of you has the right-of-way! Both of you should alter course to avoid an accident. You should keep the other vessel on your port (left) side. This rule does not apply if both of you will clear one another if you continue on your set course and speed.

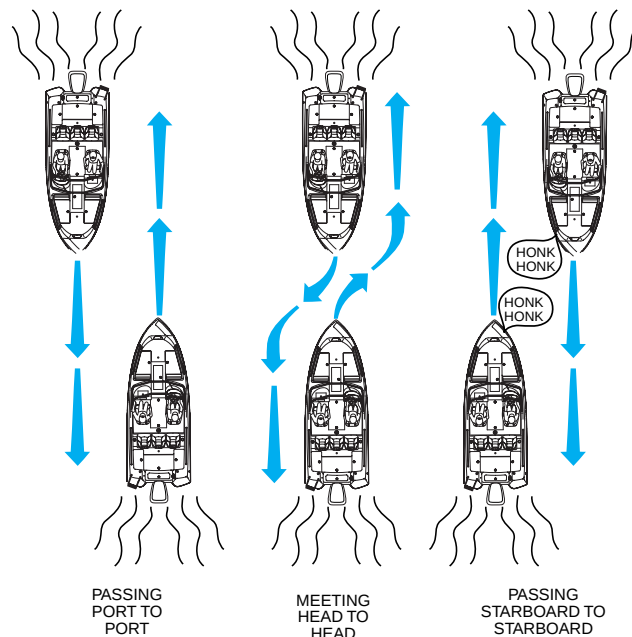


Figure 2-2

9343-005



BASIC RULES OF THE ROAD

Crossing

When two power-driven vessels are crossing each other's path close enough to run the risk of collision, the vessel which has the other on the starboard (right) side must keep out of the way of the other. If the other vessel is on your starboard (right) side, you must keep out of its way; you are the give-way vessel. If the other vessel is on your port (left) side, remember that you should maintain course and direction, provided the other vessel gives you the right-of-way as it should.



BASIC RULES OF THE ROAD

Overtaking

If you are passing another vessel, you are the give-way vessel. This means that the other vessel is expected to maintain its course and speed. You must stay out of its way until you are clear of it. Likewise, if another vessel is passing you, you should maintain your speed and direction so that the other vessel can steer itself around you.

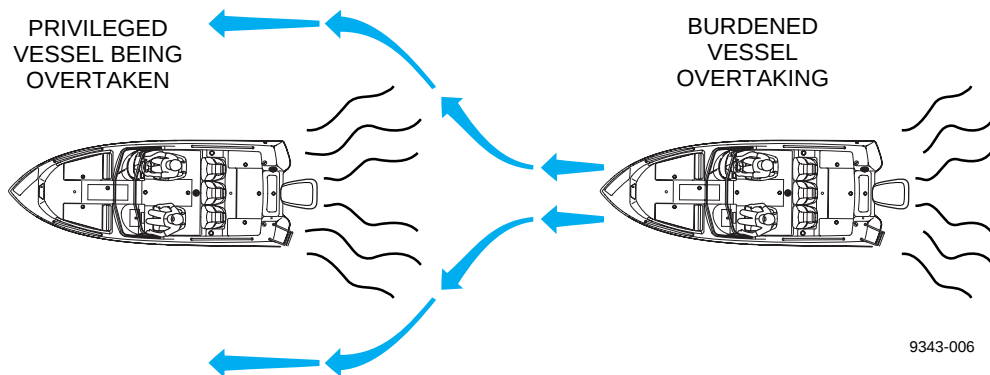


Figure 2-3



BASIC RULES OF THE ROAD

Other Special Situations

There are three other rules you should be aware of when operating your boat around other vessels.

Narrow Channels and Bends

When navigating in narrow channels, you should keep to the right when it is safe and practical to do so. If the operator of a power-driven vessel is preparing to go around a bend that may obstruct the view of other water vessels, the operator should sound a prolonged blast of four to six seconds on the horn. If another vessel is around the bend, it too should sound the horn. Even if no reply is heard, however, the vessel should still proceed around the bend with caution.

Fishing Vessel Right-of-Way

All vessels fishing with nets, lines, or trawls are considered to be “fishing vessels” under the International Rules. Vessels with trolling lines are not considered fishing vessels. Fishing vessels have the right-of-way regardless of position. Fishing vessels cannot, however, impede the passage of other vessels in narrow channels.



BASIC RULES OF THE ROAD

Sailing Vessel Right-of-Way

Sailing vessels should normally be given the right-of-way. The exceptions to this are:

1. When the sailing vessel is overtaking the power-driven vessel, the power-driven vessel has the right-of-way.
2. Sailing vessels should keep clear of any fishing vessel.
3. In a narrow channel, a sailing vessel should not hamper the safe passage of a power-driven vessel that can navigate only in such a channel.

Reading Buoys and Other Markers

The waters of the United States are marked for safe navigation by the lateral system of buoyage. Simply put, buoys and markers have an arrangement of shapes, colors, numbers and lights to show which side of the buoy a boater should pass on when navigating in a particular direction. The markings on these buoys are oriented from the perspective of being entered from seaward (the boater is going towards the harbor). Red buoys are passed on your starboard (right) side when proceeding from open water into port, and black buoys are to your port (left) side. An easy way to remember the meaning of the colors is the phrase “red right returning.” When navigating out of the harbor, your position with respect to the buoys should be reversed; red buoys should be to port and black buoys to starboard.



BASIC RULES OF THE ROAD

Many bodies of water used by boaters are entirely within the boundaries of a particular state. The Uniform State Waterway Marking System has been devised for these waters. This system uses buoys and signs with distinctive shapes and colors to show regulatory or advisory information. These markers are white with black letters and orange borders. They signify speed zones, restricted areas, danger areas, and general information.

Remember, markings may vary by geographic location. Always consult local boating authorities before riding your boat in unfamiliar waters.



This section is specific to your Skeeter bass boat. The picture or pictures used to show feature(s) and location may show more than your actual boat is equipped with. If you have any questions regarding your specific boat, you can always contact your Skeeter Dealer.

SAFETY LABELS

The safety labels attached to your boat are there to protect you, your occupants, others around you and your Skeeter boat. Read, know and understand them.

! WARNING !

DO NOT RIDE OR OPERATE BOAT WHEN UNDER POWER OF MAIN ENGINE WHILE SEATED OR LYING ON ELEVATED DECK AREAS. THIS BOAT SHOULD BE OPERATED ONLY BY A TRAINED AND EXPERIENCED OPERATOR. FAILURE TO HEED THIS WARNING MAY RESULT IN INJURY.

9343-066

WARNING

LEAKING FUEL IS A FIRE AND EXPLOSION HAZARD. INSPECT SYSTEM REGULARLY. EXAMINE FUEL SYSTEM FOR LEAKS OR CORROSION AT LEAST ANNUALLY.

9343-067

! WARNING

Avoid serious injury or death due to ejection from seat. Do not use when boat speed exceeds 5 mph. Remove and stow seat when not being occupied.

9343-064

! WARNING !

Fuel vapors are fire and explosion hazards. Do not store fuel or flammable liquids in this compartment. Ventilation has not been provided.

9343-068

! WARNING

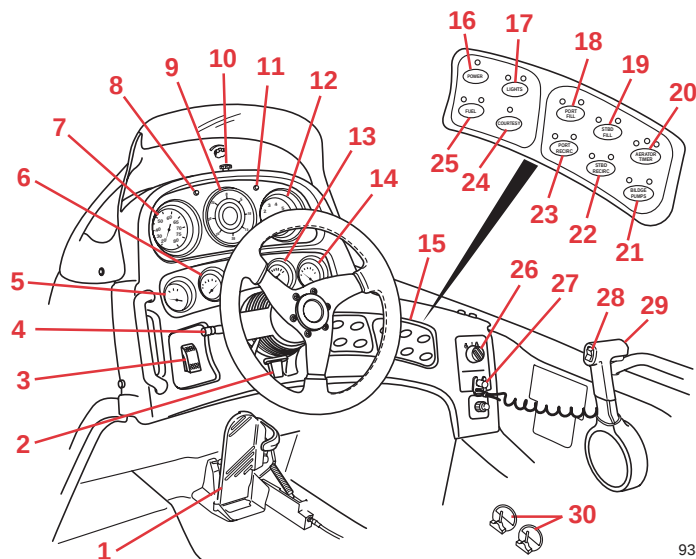
AVOID OBSTRUCTION OF NAVIGATION LIGHTS AND POSSIBLE COLLISION. REMOVE CANVAS BEFORE USING NAVIGATION OR ANCHOR LIGHTS.

9343-070



ZX PERFORMANCE SERIES

ZX HELM LAYOUT



9343-030

ZX Performance Series Helm

Figure 3-1

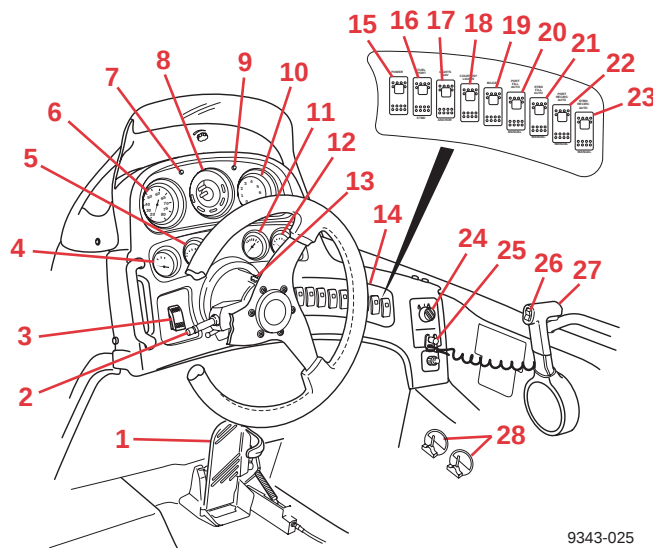


1. Foot Throttle (Option)
2. Tilt Steering Latch
3. Horn
4. Pro Trim Lever (Option)
5. Fuel Level Gauge
6. Trim Gauge
7. Speedometer
8. Engine Warning Light
9. Fishfinder/ Depthfinder
10. Steering Fluid Fill Cap
11. Engine Low Oil Pressure Warning Light
12. Tachometer
13. Water Pressure Gauge
14. Voltmeter
15. Boat Switch Panel
16. Power
17. Navigation Lights
18. Port Livewell Fill
19. Starboard Livewell Fill
20. Aerator System-Timer
21. Bilge Pump
22. Starboard Livewell Recirculation Pump
23. Port Livewell Recirculation Pump
24. Courtesy Light
25. Fuel Level Gauge
26. Ignition Switch
27. Engine Stop Lanyard Switch
28. Trim Switch
29. Remote Control
30. Livewell Actuator Switches



TZX SERIES

TZX HELM LAYOUT



9343-025

TZX Series Helm

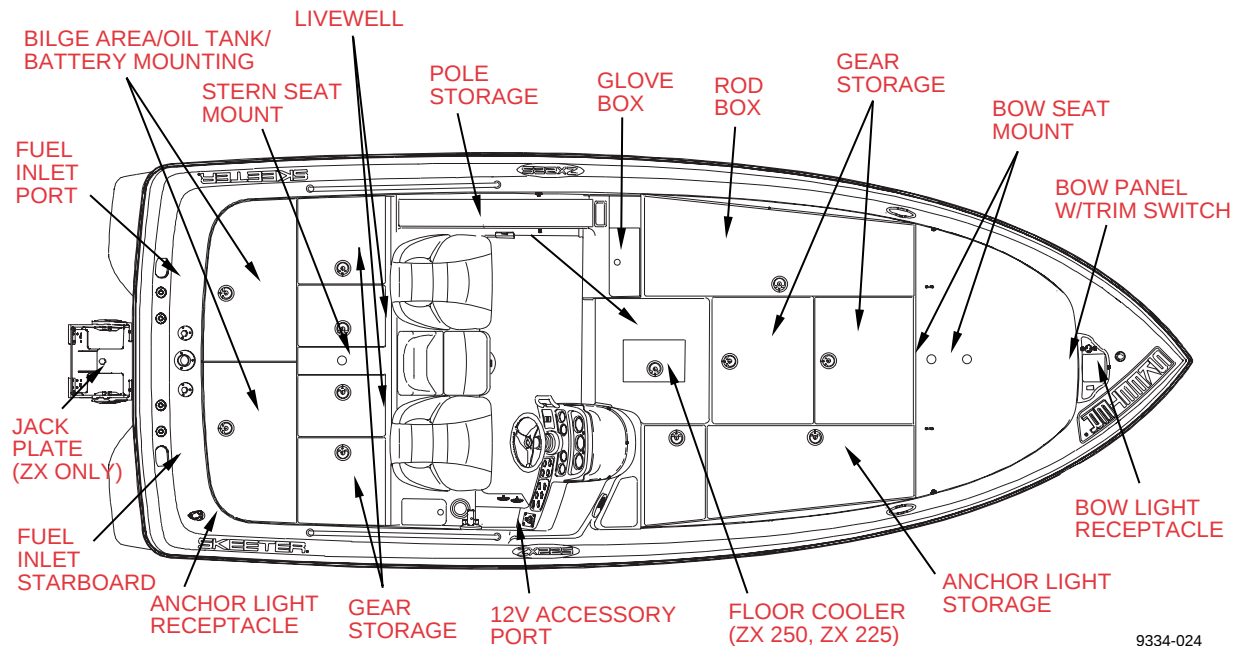
Figure 3-2



1. Foot Throttle (Option)
2. Pro Trim Lever (Option)
3. Horn
4. Fuel Level Gauge
5. Trim Gauge
6. Speedometer
7. Engine Warning Light
8. Fishfinder/Depthfinder
9. Engine Low Oil Pressure Warning Light
10. Tachometer
11. Water Pressure Gauge (Option)
12. Voltmeter (Option)
13. Steering Fluid Fill Cap
14. Boat Switch Panel
15. Power
16. Fuel Port-Stbd
17. Navigation Lights
18. Courtesy Lights
19. Bilge Pump
20. Port Livewell Fill
21. Starboard Livewell Fill
22. Port Livewell Recirculation Pump (Option)
23. Starboard Livewell Recirculation Pump (Option)
24. Ignition Switch
25. Engine Stop Lanyard Switch
26. Trim Switch
27. Remote Control
28. Livewell Actuator Switches



ZX/TZX DECK LAYOUT



9334-024

ZX/TZX General Deck Layout

Figure 3-3

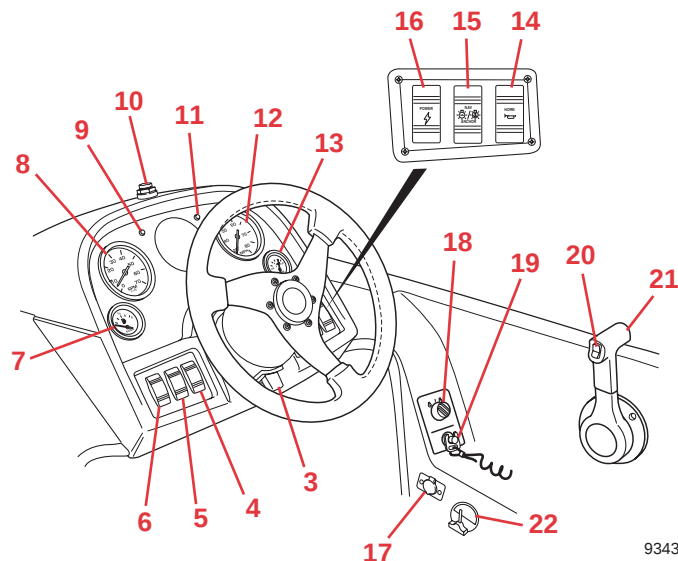


BASS BOATS



SX TOURNAMENT SERIES

SX HELM LAYOUT



9343-027

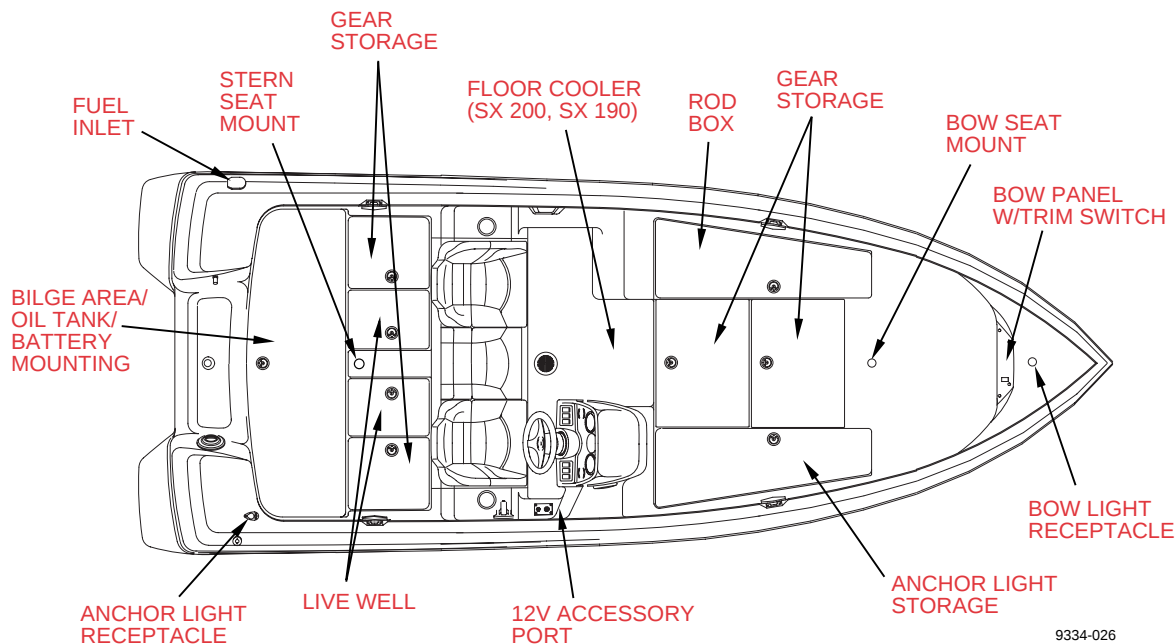
SX Tournament Series Helm
Figure 3-4



1. Foot Throttle (Option)
2. Tilt Steering Latch (Option)
3. Tilt Steering Latch
4. Starboard Livewell Fill Switch
5. Port Livewell Fill Switch
6. Bilge Pump Switch
7. Fuel Level Gauge
8. Tachometer
9. Engine Warning Light
10. Steering Fluid Fill Cap
11. Engine Low Oil Pressure Warning Light
12. Speedometer
13. Trim Gauge
14. Horn
15. Navigation Lights Switch
16. Power Switch
17. 12 Volt Accessory Port
18. Ignition Switch
19. Engine Stop Lanyard Switch
20. Trim Switch
21. Remote Control
22. Livewell Actuator Switches



SX DECK LAYOUT



9334-026

SX Deck Layout
Figure 3-5

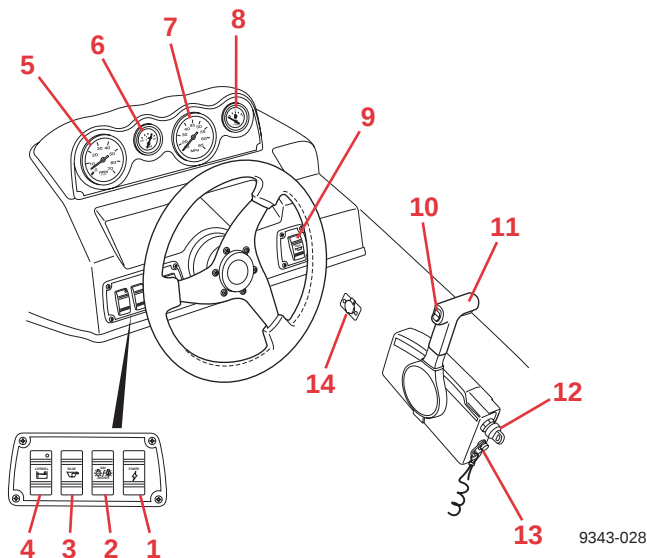


BASS BOATS



ST SERIES

ST HELM LAYOUT



ST Series Helm
Figure 3-6

3-12

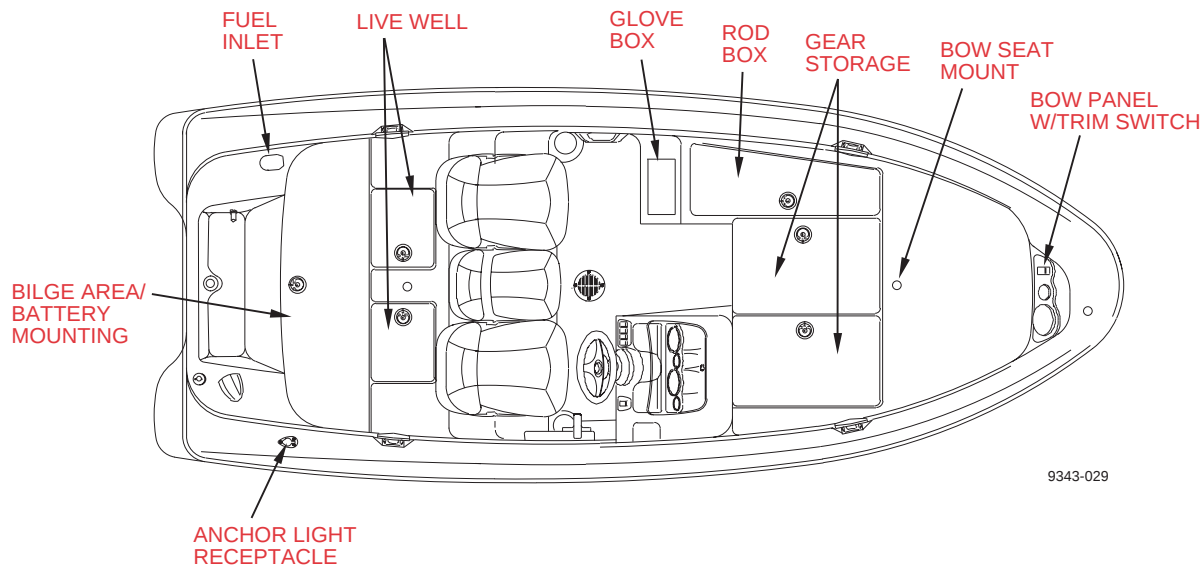


BASS BOATS

1. Power Switch
2. Navigation Lights Switch
3. Bilge Switch
4. Livewell Switch
5. Tachometer
6. Trim Gauge
7. Speedometer
8. Fuel Level Gauge
9. Horn
10. Trim Switch
11. Remote Control
12. Ignition Switch
13. Engine Stop Switch and Cord (Lanyard)
14. 12 Volt Accessory Port



ST DECK LAYOUT



ST Deck Layout
Figure 3-7

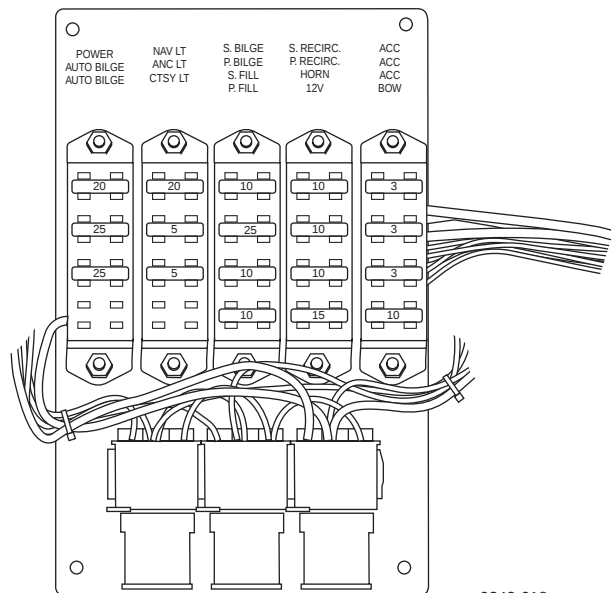


EQUIPMENT

Fuses and Relays

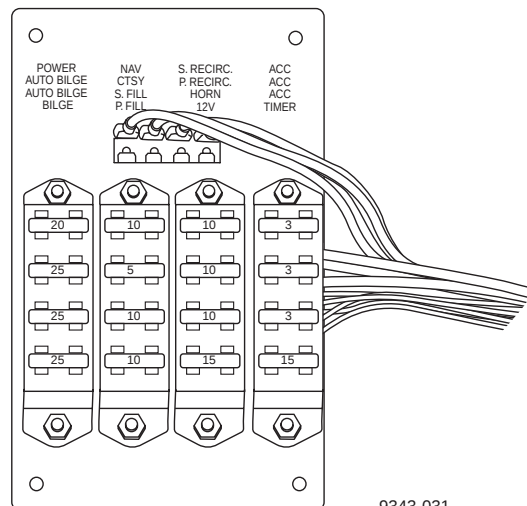
The fuse and relay or fuse panel is located under the helm console. Replace a blown fuse with an identical replacement.

ZX, FX – If you should experience an electrical problem and all your fuses are good, contact your Skeeter Dealer. Relays are a switch which is controlled by an electrical signal. Relays can only be tested.



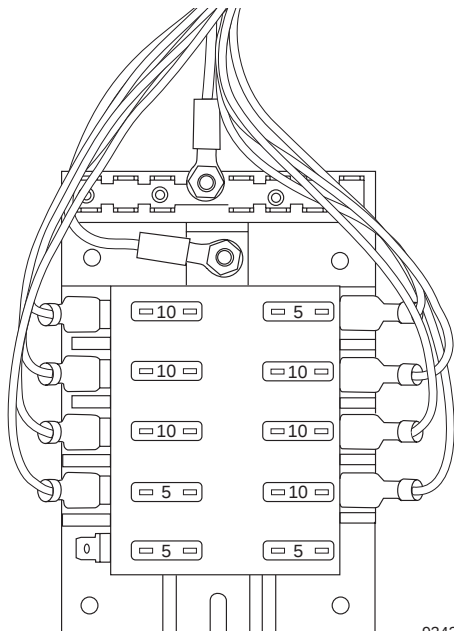
9343-018

ZX, FX Fuse and Relay Panel
Figure 3-8



9343-031

TZX Fuse Panel
Figure 3-9



9343-032

Figure 3-10
SX, ST Fuse Panel

3-17



WARNING

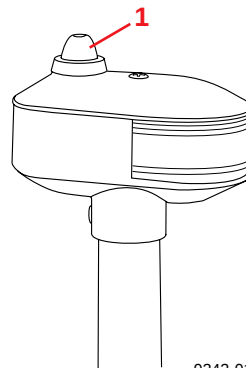
Never use a replacement fuse of a different color, size or amperage rating. An improper fuse can cause damage to the electrical system which could lead to a fire.

Bow Light

Your Skeeter boat is equipped with a bow light and a map light which can be turned on or off at the light. Press the button **(1)** to turn the map light off or on. The Navigation Lights Switch must be activated for this feature to work.

Tilt Steering Latch (if equipped)

Pull the latch toward you to adjust the steering wheel angle. The steering wheel has five positions and locks into a detent.



9343-019

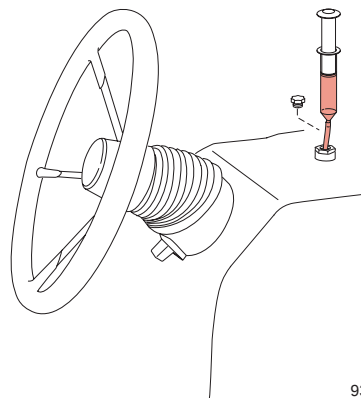
Bow Light with Remote Switch
Figure 3-11



Hydraulic Steering

Maintenance of the steering system varies with usage and climate and should be inspected by a qualified marine mechanic at least twice a year or at the first sign the steering system is not operating normally.

To check the oil level, remove the steering fluid fill cap. The oil level should be within 1/2 inch of the bottom of the filler hole. Refer to the manufacturer's literature for more information on maintenance.



9343-020

Hydraulic Steering – ZX Models
Figure 3-12



WARNING

Failure to comply with steering maintenance checks may result in loss of steering which may cause an accident with injury or death.



Battery Charging System – ZX Models

The battery charging system allows you to charge the batteries without removing the batteries from the boat. Refer to the manufacturer's literature for operating instructions.

Make sure all accessories and outboards are in the off position when connecting to the power source and charging the batteries.

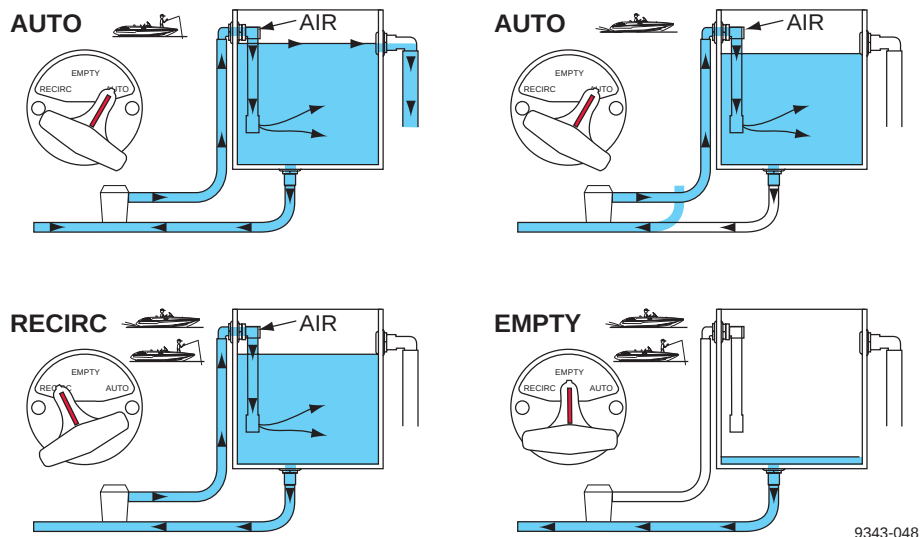


WARNING

Do not charge your batteries in the boat unless your boat is equipped with an onboard charging system.

Livewell Systems

Your Skeeter boat is equipped with a livewell system that is designed to keep your fish alive and healthy. See **Section 8** for more information.



SX Livewell System
Figure 3-13



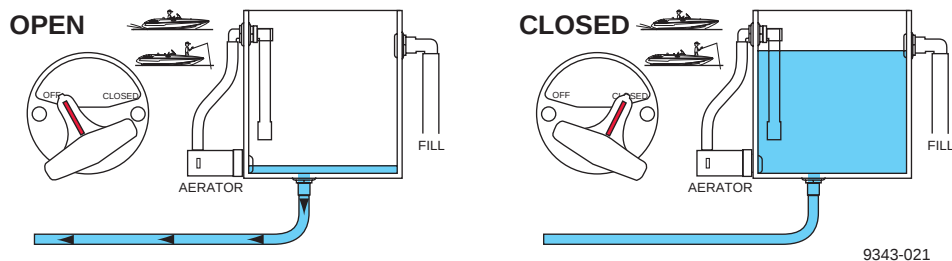
AUTO – Off plane: Actuator in “AUTO” and the aerator on, fresh water will constantly blend with the recirculated livewell water.

AUTO – On plane: The control valve will automatically close the valve to prevent water loss and water from the aerator pump is automatically diverted to closed recirculation. When the boat is off plane, the control valve automatically opens the valve to allow fresh and livewell water to livewell. Any water lost through the overflow is automatically replaced.

RECIRCULATE – On/Off plane: Actuator in “RECIR” or “AUTO MODE,” outside water is prevented from entering while the control valve continues to allow the pump to recirculate and aerate the livewell. This position can be used when trailering fish.

EMPTY – On/Off plane: Actuator in “EMPTY” position, drains the livewell but does not allow water to re-enter.

Rinse the livewell and baitwell (if equipped) with fresh clean water, remove any debris from the pick-up and drain screens and allow the livewell to air dry after each use. The pick-up screens are located at the bottom of the transom and the drain screens are located in the livewell or baitwell.



ZX Livewell System
Figure 3-14

Use the selector switch to drain or maintain a full livewell.

OPEN – On/Off plane: Actuator in “OPEN” drains the livewell after the aerators are turned off.

CLOSED – On/Off plane: Actuator in “CLOSED” position is used to seal the livewell when it is full and prevent water from entering the livewell if it is empty.



Rinse the livewell and baitwell (if equipped) with fresh clean water, remove any debris from the pick-up and drain screens and allow the livewell to air dry after each use. The pick-up screens are located at the bottom of the transom and the drain screens are located in the livewell or baitwell.

NOTE

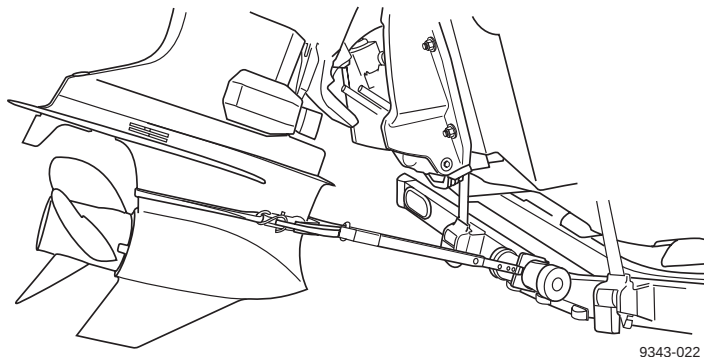
Your livewell should always be rinsed with fresh clean water. The pick-up screens and drain screens should be checked and clean before each use to optimize the system's performance and longevity.

Electric Trolling Motor

Your electric trolling motor will have its own Operator's Manual. Refer to it for its proper use and care.



Transom Saver



Transom Saver – ZX, SX Models
Figure 3-15

The transom saver is designed to protect your boat, outboard motor and trailer.

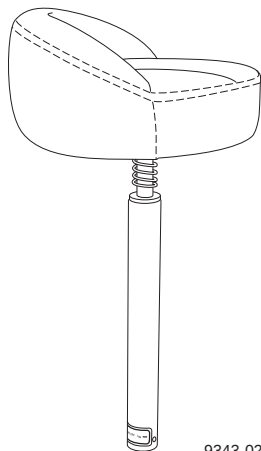
CAUTION

Avoid damage to outboard lower unit. Transom Savers must be properly fitted to trailer roller and secured to outboard lower unit. Outboard motor must have power tilt and trim for use of this product. Boat must be tied down to trailer during use.



Bike Seat

Mount the seat by selecting either the fore or aft swivel seat mount and twist to secure to mount.



9343-023

Bike Seat
Figure 3-16



WARNING

Avoid serious injury or death due to ejection from seat. Do not use when boat speed exceeds 5 mph. Remove and stow seat when not being occupied.

Optional Equipment

Your Skeeter boat may be equipped with many options which cannot all be covered in this manual. Make sure you read and understand all of the optional equipment's safety, use and maintenance literature provided by the manufacturer to maximize the benefits and uses these options have to offer. Contact your Skeeter Dealer for any information or explanation.



BASS BOATS

NOTES



This section is specific to your Skeeter saltwater boat. The picture or pictures used to show feature(s) and location may show more than your actual boat is equipped with. If you have any questions regarding your specific boat, you can always contact your Skeeter Dealer.

SAFETY LABELS

The safety labels attached to your boat are there to protect you, your occupants, others around you and your Skeeter boat. Read, know and understand them.

! WARNING !

DO NOT RIDE OR OPERATE BOAT WHEN UNDER POWER OF MAIN ENGINE WHILE SEATED OR LYING ON ELEVATED DECK AREAS. THIS BOAT SHOULD BE OPERATED ONLY BY A TRAINED AND EXPERIENCED OPERATOR. FAILURE TO HEED THIS WARNING MAY RESULT IN INJURY.

9343-066

WARNING

LEAKING FUEL IS A FIRE AND EXPLOSION HAZARD. INSPECT SYSTEM REGULARLY. EXAMINE FUEL SYSTEM FOR LEAKS OR CORROSION AT LEAST ANNUALLY.

9343-067

! WARNING

Avoid serious injury or death due to ejection from rotating seat. Lock swivel before boat speed exceeds 5 mph.

9343-061

! WARNING !

Fuel vapors are fire and explosion hazards. Do not store fuel or flammable liquids in this compartment. Ventilation has not been provided.

9343-068

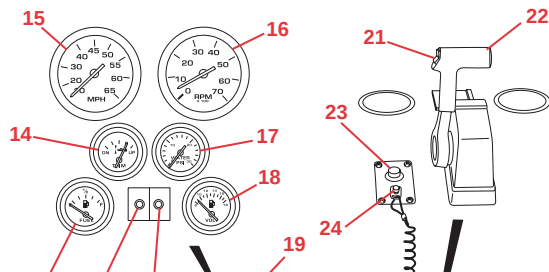
! WARNING

AVOID OBSTRUCTION OF NAVIGATION LIGHTS AND POSSIBLE COLLISION. REMOVE CANVAS BEFORE USING NAVIGATION OR ANCHOR LIGHTS.

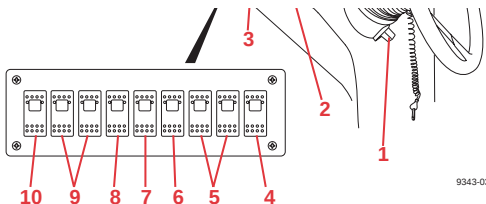
9343-070



HELM LAYOUT



NEW PHOTO
TO COME FROM SKEETER



9343-033

Helm Layout
Figure 4-1

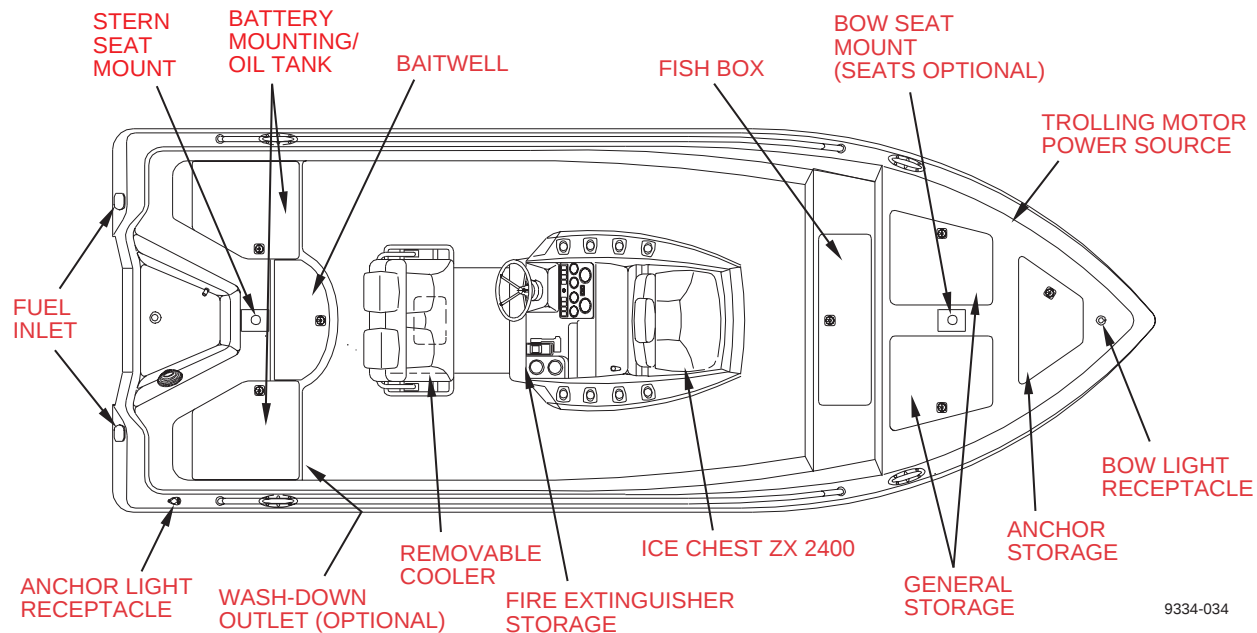


SALTWATER BOATS

1. Tilt Steering Latch
2. Steering Fluid Fill Cap
3. Switch Panel
4. Horn
5. Accessories
6. Aerator
7. Recirculation
8. Navigation Lights
9. Bilge Pump
10. Power
11. Engine Low Oil Pressure Warning Light
12. Engine Warning Light
13. Fuel Level Gauge
14. Trim Gauge
15. Speedometer
16. Tachometer
17. Water Pressure Gauge
18. Voltmeter
19. Compass (Option)
20. Radio Box (12 Volt Accessory Port – 2200, 2200T)
21. Tilt Switch
22. Remote Control
23. Ignition Switch
24. Engine Stop Switch and Cord (Lanyard)
25. Courtesy Light Switches



GENERAL DECK LAYOUT



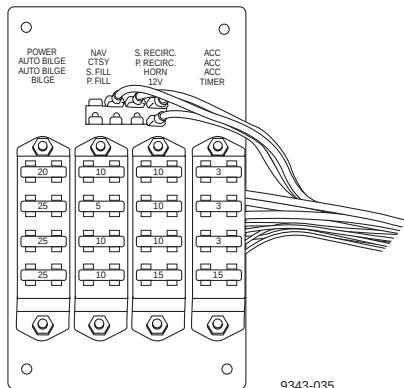
9334-034

General Deck Layout
Figure 4-2



EQUIPMENT

Fuse and Relay Panel



The fuse and relay panel is located under the helm console. Replace a blown fuse with an identical replacement.

Fuse and Relay Panel
Figure 4-3



Never use a replacement fuse of a different color, size or amperage rating. An improper fuse can cause damage to the electrical system which could lead to a fire.

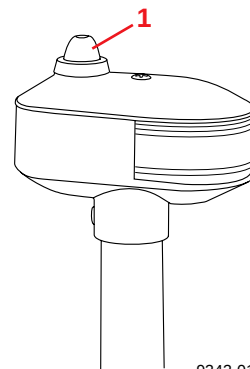


Bow Light

Your Skeeter boat is equipped with a bow light and a map light which can be turned off at the light. Press the button **(1)** to turn the map light off or on. The Navigation Lights Switch must be activated for this feature to work.

Tilt Steering Latch

Pull the latch toward you to adjust the steering wheel angle. The steering wheel has five positions and locks into a detent. The range is 48°, 24° down and 24° up from center.



9343-019

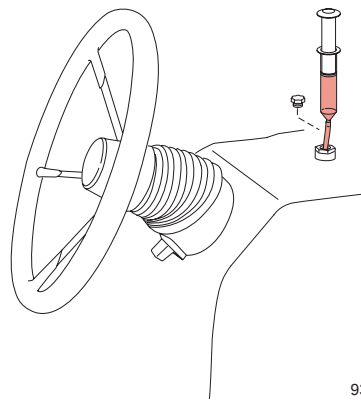
Bow Light with Remote Switch
Figure 4-4



Hydraulic Steering

Maintenance of the steering system varies with usage and climate and should be inspected by a qualified marine mechanic at least twice a year or at the first sign the steering system is not operating normally.

To check the oil level, remove the steering fluid fill cap. The oil level should be within 1/2 inch of the bottom of the filler hole. Refer to the manufacturer's literature for more information on maintenance. See **Section 7** for more information.



Hydraulic Steering
Figure 4-5



WARNING

Failure to comply with steering maintenance checks may result in loss of steering which may cause an accident with injury or death.



Battery Charging System (Option)

The battery charging system allows you to charge the batteries without removing the batteries from the boat. Refer to the manufacturer's literature for operating instructions.

Make sure all accessories and outboards are in the OFF position when connecting to the power source and charging the batteries.

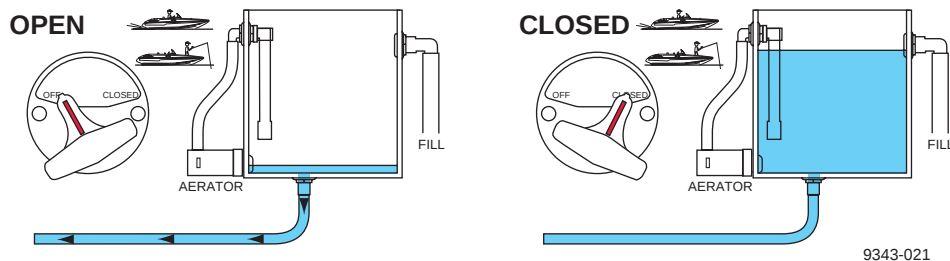


WARNING

Do not charge your batteries in the boat unless your boat is equipped with an onboard charging system.



Livewell System



OPEN/CLOSED Selector Switch
Livewell System
Figure 4-6

Your Skeeter boat is equipped with a livewell system designed to keep your fish alive and healthy. See **Section 8** for more information.

OPEN – On/Off plane: Actuator in “OPEN” drains the livewell after the aerator is turned off.

CLOSED – On/Off plane: Actuator in “CLOSED” position is used to seal the livewell when it is full and prevent water from entering the livewell if it is empty.



Rinse the livewell and baitwell (if equipped) with fresh clean water, remove any debris from the pick-up and drain screens and allow the livewell to air dry after each use. The pick-up screens are located at the bottom of the transom and the drain screens are located in the livewell or baitwell.

NOTE

Your livewell should always be rinsed with fresh clean water. The pick-up screens and drain screens should be checked and clean before each use to optimize the system's performance and longevity.

Electric Trolling Motor

Your electric trolling motor will have its own Operator's Manual. Refer to it for proper use and care.

Windshield – ZX2000

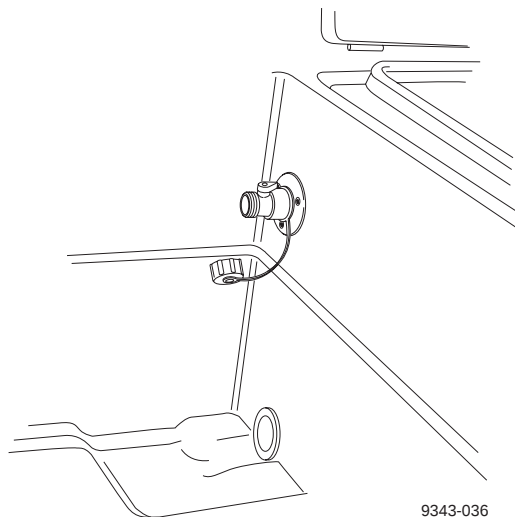
Your Skeeter boat is equipped with a windshield which can be folded down to gain additional clearance when storing.

Windshield – ZX2200, ZX2200T, ZX2400, ZX22BAY, ZX22BAYT

Your Skeeter boat is equipped with a windshield which can be removed to gain additional clearance when trailering or storing. After the windshield is removed, fold down the stainless rail.



Wash-Down System (Option)



Wash-Down System (Option)
Figure 4-7

The wash-down system allows you to wash your boat before and after use. The system is activated by turning on its pump switch.

Optional Equipment

Your Skeeter boat may be equipped with many options which cannot all be covered in this manual. Make sure you read and understand the optional equipment's safety, use and maintenance literature provided by the manufacturer to maximize the benefits and uses these options have to offer. Contact your Skeeter Dealer for more information or explanation.



SALTWATER BOATS

NOTES



This section is specific to your Skeeter deepwater boat. The picture or pictures used to show feature(s) and location may show more than your actual boat is equipped with. If you have any questions regarding your specific boat, you can always contact your Skeeter Dealer.

SAFETY LABELS

The safety labels attached to your boat are there to protect you, your occupants, others around you and your Skeeter boat. Read, know and understand them.

! WARNING !

DO NOT RIDE OR OPERATE BOAT WHEN UNDER POWER OF MAIN ENGINE WHILE SEATED OR LYING ON ELEVATED DECK AREAS. THIS BOAT SHOULD BE OPERATED ONLY BY A TRAINED AND EXPERIENCED OPERATOR. FAILURE TO HEED THIS WARNING MAY RESULT IN INJURY.

9343-066

WARNING

LEAKING FUEL IS A FIRE AND EXPLOSION HAZARD. INSPECT SYSTEM REGULARLY. EXAMINE FUEL SYSTEM FOR LEAKS OR CORROSION AT LEAST ANNUALLY.

9343-067

! WARNING

Avoid serious injury or death due to ejection from rotating seat. Lock swivel before boat speed exceeds 5 mph.

9343-061

! WARNING !

Fuel vapors are fire and explosion hazards. Do not store fuel or flammable liquids in this compartment. Ventilation has not been provided.

9343-068

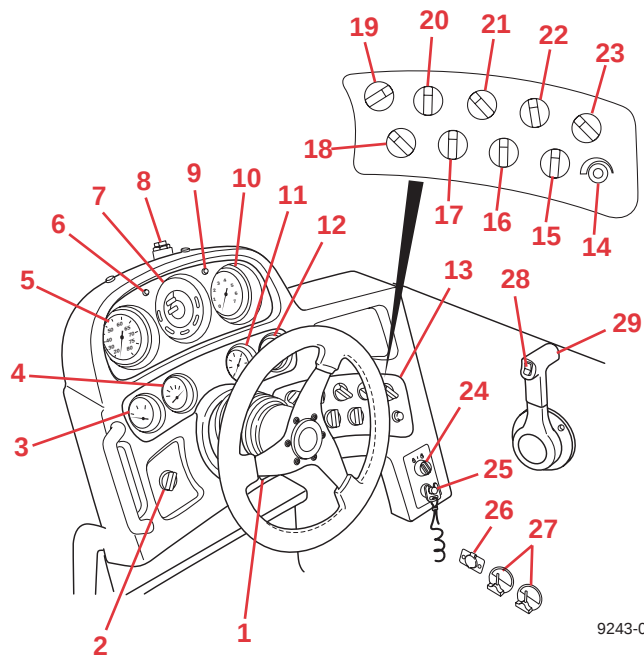
! WARNING

AVOID OBSTRUCTION OF NAVIGATION LIGHTS AND POSSIBLE COLLISION. REMOVE CANVAS BEFORE USING NAVIGATION OR ANCHOR LIGHTS.

9343-070



HELM LAYOUT



9243-037

Helm Layout
Figure 5-1

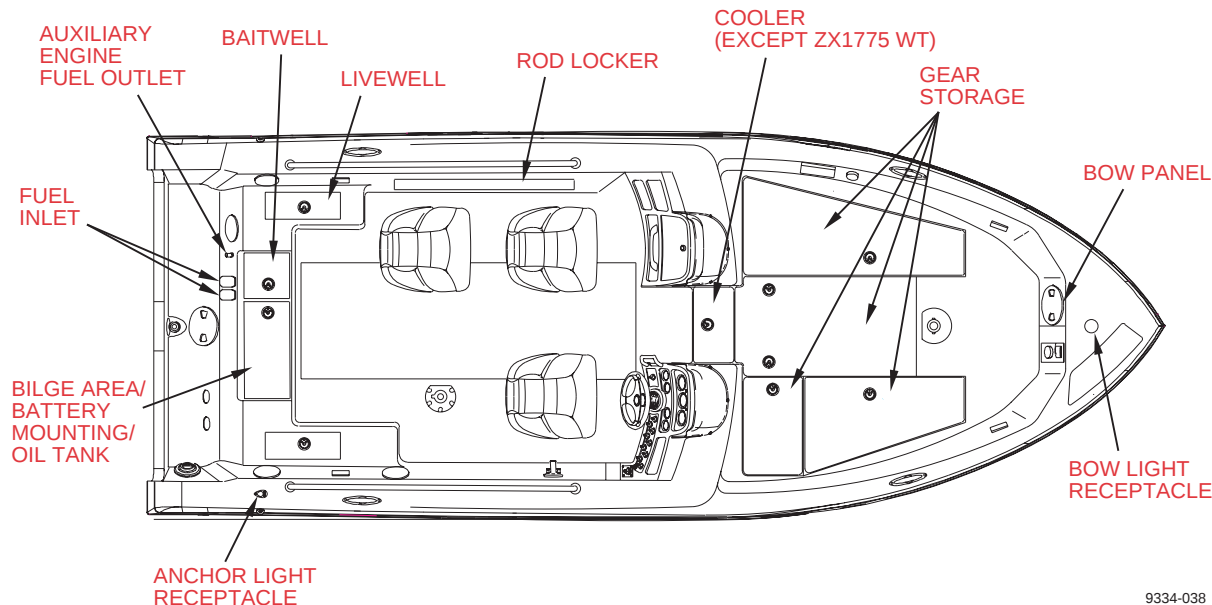


DEEPWATER BOATS

1. Tilt Steering Latch
2. Power Switch
3. Fuel Gauge
4. Trim Gauge
5. Speedometer
6. Engine Warning Light
7. Fishfinder/Depthfinder
8. Steering Fluid Fill Cap
9. Engine Low Oil Pressure Warning Light
10. Tachometer
11. Water Pressure Gauge
12. Voltmeter
13. Switch Panel
14. Aerator
15. Starboard Livewell – Recirculation
16. Port Livewell – Recirculation
17. Starboard Livewell – Fill
18. Port Livewell – Fill
19. Horn
20. Fuel – Fore/Aft
21. Navigation Lights
22. Courtesy Lights
23. Bilge Pump
24. Ignition Switch
25. Engine Stop Switch and Cord (Lanyard)
26. 12 Volt Accessory Port – except ZX1775SC
27. Bilge Switches
28. Tilt Switch
29. Remote Control



GENERAL DECK LAYOUT

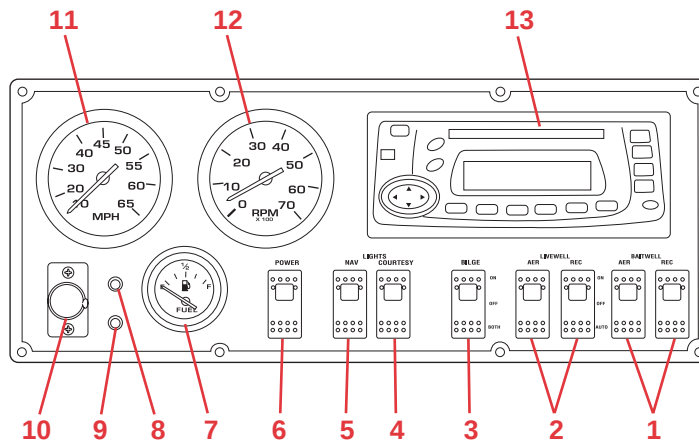


9334-038

General Deck Layout
Figure 5-2



GAUGE AND SWITCH PANEL



9343-039

Gauge and Switch Panel – ZX1775WT

Figure 5-3

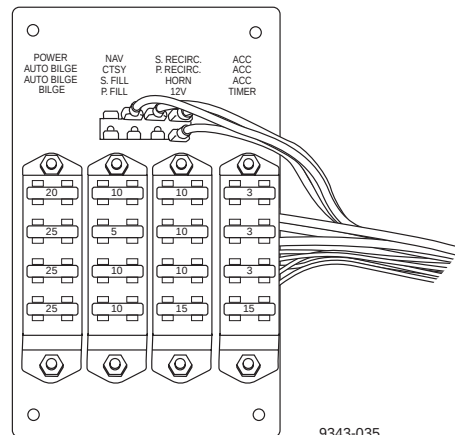
- | | | |
|-----------------------------|--|----------------------------|
| 1. Baitwell Switches | 6. Power Switch | 10. 12 Volt Accessory Port |
| 2. Livewell Switches | 7. Fuel Gauge | 11. Speedometer |
| 3. Bilge Pump Switch | 8. Engine Low Oil Pressure Warning Light | 12. Tachometer |
| 4. Courtesy Lights Switch | 9. Engine Warning Light | 13. AM/FM CD Player |
| 5. Navigation Lights Switch | | |



EQUIPMENT

Fuse and Relay Panel

The fuse and relay panel is located under the helm console and behind the gauge and switch panel on the ZX1775WT. Replace a blown fuse with an identical replacement.



Fuse and Relay Panel

Figure 5-4



WARNING

Never use a replacement fuse of a different color, size or amperage rating. An improper fuse can cause damage to the electrical system which could lead to a fire.

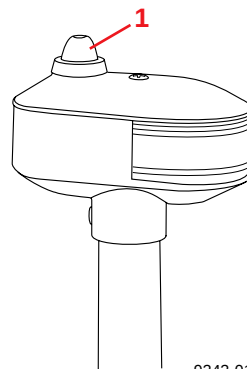


Bow Light

Your Skeeter boat is equipped with a bow light and a map light which can be turned off at the light. Press the button **(1)** to turn the map light off or on. The navigation light switch must be activated for this feature to work.

Tilt Steering Latch – ZX2050, ZX1950, ZX1775SC

Pull the latch toward you to adjust the steering wheel angle. The steering wheel has five positions and locks into a detent.



9343-019

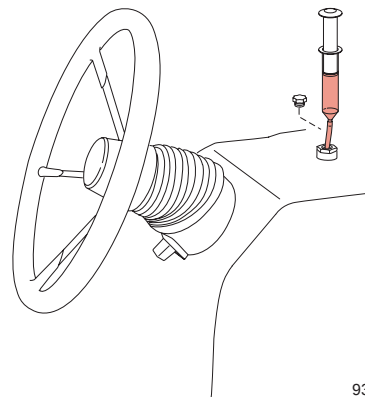
Bow Light with Remote Switch
Figure 5-5



Hydraulic Steering

Maintenance of the steering system varies with usage and climate and should be inspected by a qualified marine mechanic at least twice a year or at the first sign the steering system is not operating normally.

To check the oil level, remove the steering fluid fill cap. The oil level should be within 1/2 inch of the bottom of the filler hole. Refer to the manufacturer's literature for more information on maintenance.



9343-020

**Hydraulic Steering –
ZX2050, ZX1950
Figure 5-6**

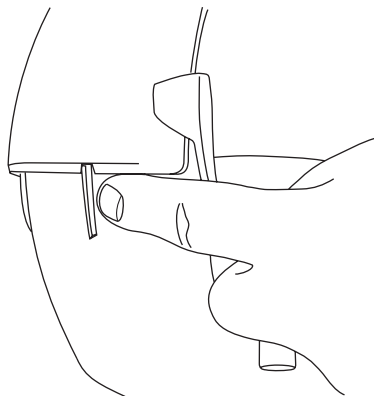


WARNING

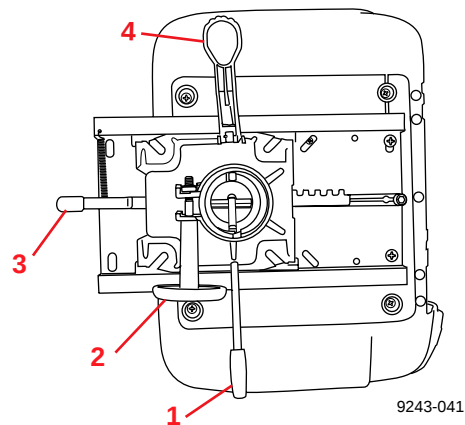
Failure to comply with steering maintenance checks may result in loss of steering which may cause an accident with injury or death.



Adjustable and Moveable Seats



9343-040



9243-041

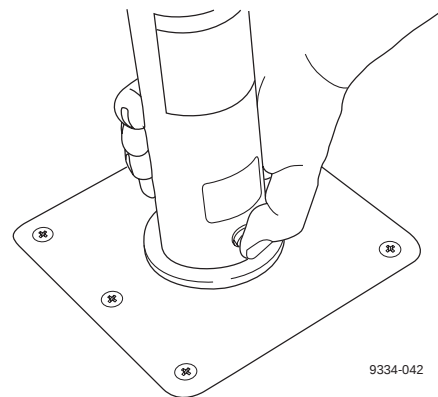
Adjustable and Movable Seating
Figure 5-7



Adjustable: Press the release to raise the seat back into position.

1. This lever releases the seat from its post.
2. Twist this handle to increase friction on post.
3. This lever adjusts the seat fore and aft.
4. This lever allows you to rotate on the post.

Movable: To move the seat to a different mounting location, press the snap lock button to remove the seat from its mount. When the seat is installed into its new location, twist the post to lock the post into position. The snap lock button will pop out when it is mounted correctly.



Seat Mount
Figure 5-8



WARNING

Avoid serious injury or death due to ejection from rotating seat. Lock swivel before boat speed exceeds 5 mph.



Battery Charging System – ZX2050, ZX1950

The battery charging system allows you to charge the batteries without removing the batteries from the boat. Refer to the manufacturer's literature for operating instructions.

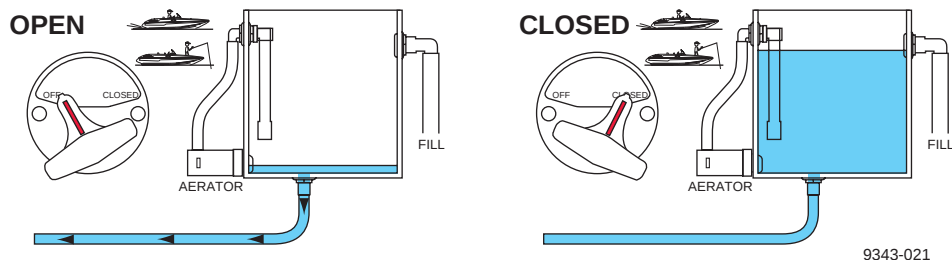
Make sure all accessories and outboards are in the OFF position when connecting to the power source and charging the batteries.



WARNING

Do not charge your batteries in the boat unless your boat is equipped with an onboard charging system.

Livewell System



OPEN/CLOSED Selector Switch – Livewell System

Figure 5-9



Your Skeeter boat is equipped with a livewell system designed to keep your fish alive and healthy. See **Section 8** for more information.

Use the selector switch to drain or maintain a full livewell.

OPEN – On/Off plane: Actuator in “OPEN” drains the livewell after the aerator is turned off.

CLOSED – On/Off plane: Actuator in “CLOSED” position is used to seal the livewell when it is full and prevent water from entering the livewell if it is empty.

Rinse the livewell and baitwell (if equipped) with fresh clean water, remove any debris from the pick-up and drain screens and allow the livewell to air dry after each use. The pick-up screens are located at the bottom of the transom and the drain screens are located in the livewell or baitwell.

NOTE

Your livewell should always be rinsed with fresh clean water. The pick-up screens and drain screens should be checked and clean before each use to optimize the system’s performance and longevity.

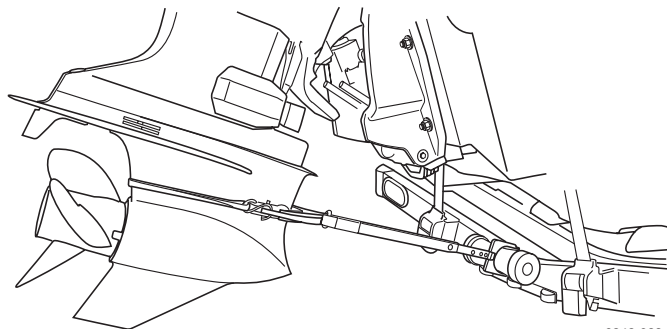


Electric Trolling Motor

Your electric trolling motor will have its own Operator's Manual. Refer to it for proper use and care.

Transom Saver

The transom saver is designed to protect your boat, outboard motor and trailer.



9343-022

Transom Saver
Figure 5-10



CAUTION

Avoid damage to the outboard lower unit. Transom Savers must be properly fitted to the trailer roller and secured to the outboard lower unit. The outboard must have power tilt and trim to use this product. Boat must be tied down to the trailer during use.

12 Volt Accessory Port – ZX2050, ZX1950, ZX1775T, ZX1750WT

The 12 volt accessory port allows you to conveniently connect an accessory to your electrical system. The accessory port is fused with a 15 amp fuse.

CAUTION

Do not connect an accessory which will exceed this fuse rating.

Optional Equipment

Your Skeeter boat may be equipped with many options which cannot all be covered in this manual. Make sure you read and understand the optional equipment's safety, use and maintenance literature provided by the manufacturer to maximize the benefits and uses these options have to offer. Contact your Skeeter Dealer for more information or explanation.



FISH AND SKI BOATS

This section is specific to your Skeeter fish and ski boat. The picture or pictures used to show feature(s) and location may show more than your actual boat is equipped with. If you have any questions regarding your specific boat, you can always contact your Skeeter Dealer.

SAFETY LABELS

The safety labels attached to your boat are there to protect you, your occupants, others around you and your Skeeter boat. Read, know and understand them.

! WARNING !

DO NOT RIDE OR OPERATE BOAT WHEN UNDER POWER OF MAIN ENGINE WHILE SEATED OR LYING ON ELEVATED DECK AREAS. THIS BOAT SHOULD BE OPERATED ONLY BY A TRAINED AND EXPERIENCED OPERATOR. FAILURE TO HEED THIS WARNING MAY RESULT IN INJURY.

9343-066

WARNING

LEAKING FUEL IS A FIRE AND EXPLOSION HAZARD. INSPECT SYSTEM REGULARLY. EXAMINE FUEL SYSTEM FOR LEAKS OR CORROSION AT LEAST ANNUALLY.

9343-067

! WARNING

Avoid serious injury, death or boat damage from Ski Pylon failure. Ski Pylon must be secured to base. Do not use with any equipment which is TIED to the tow rope, such as inner tubes, aquaplanes, etc. Always sit at least 3 feet forward of pylon.

9343-062



FISH AND SKI BOATS

! WARNING !

Fuel vapors are fire and explosion hazards.
Do not store fuel or flammable liquids in
this compartment.
Ventilation has not been provided.

9343-068

CAUTION:
DO NOT BOARD LADDER
WHILE ENGINE IN OPERATION

9343-065

! WARNING

AVOID OBSTRUCTION OF NAVIGATION
LIGHTS AND POSSIBLE COLLISION. REMOVE CANVAS
BEFORE USING NAVIGATION OR ANCHOR LIGHTS.

9343-070

CAUTION: TO AVOID INJURY, WINDOW MUST BE SECURED
IN THE CLOSED POSITION WHEN VESSEL IS
IN MOTION. USE BOTH WINDOW LOCKS.

9343-069



DANGER

EXHAUST FUMES FROM ENGINES CONTAIN
CARBON MONOXIDE.

BOATS WITH CANVAS DEPLOYED ARE MORE
LIKELY TO COLLECT EXHAUST FUMES.

AVOID BRAIN DAMAGE OR DEATH FROM
CARBON MONOXIDE.

KEEP COCKPIT AND CABIN AREAS
WELL VENTILATED.

SIGNS OF EXPOSURE INCLUDE NAUSEA,
DIZZINESS, AND DROWSINESS.

SEE BOAT OWNER'S MANUAL FOR MORE DETAILS.

9343-063

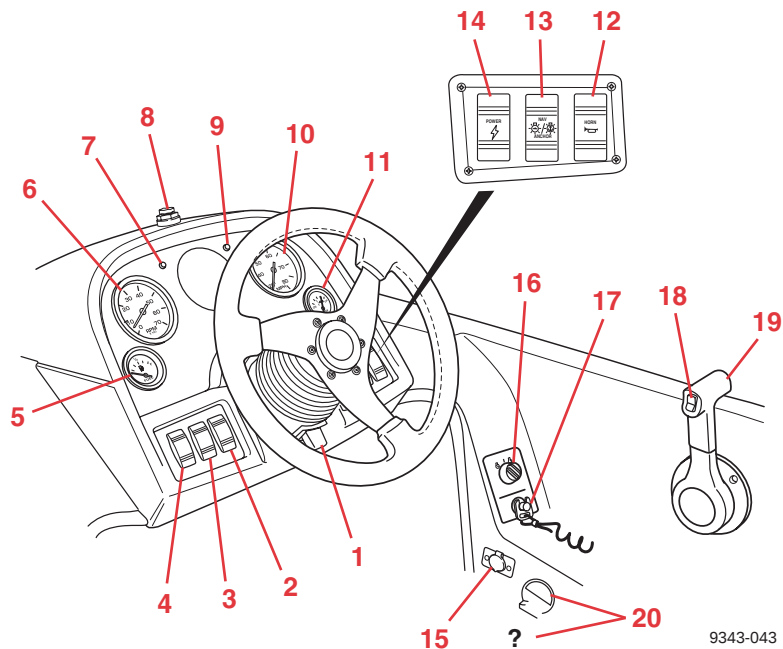


FISH AND SKI BOATS

NOTES



HELM LAYOUT



Helm Layout

Figure 6-1

6-4

9343-043



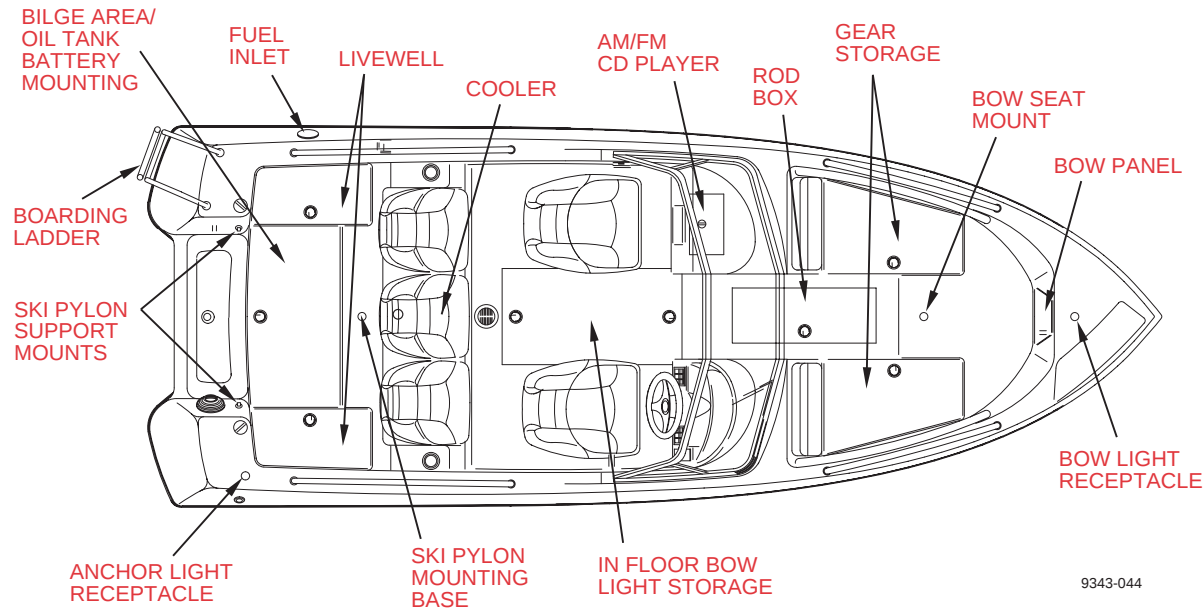


FISH AND SKI BOATS

1. Tilt Steering Latch (Option)
2. Starboard Livewell Fill Switch
3. Port Livewell Fill Switch
4. Bilge Pump Switch
5. Fuel Level Gauge
6. Tachometer
7. Engine Warning Light
8. Steering Fluid Fill Cap (Option)
9. Engine Low Oil Pressure Warning Light
10. Speedometer
11. Trim Gauge
12. Horn
13. Navigation Lights Switch
14. Power Switch
15. 12 Volt Accessory Port
16. Ignition Switch
17. Engine Stop Switch and Cord (Lanyard)
18. Trim Switch
19. Remote Control
20. Livewell Switches



GENERAL DECK LAYOUT



9343-044

General Deck Layout
Figure 6-2



EQUIPMENT

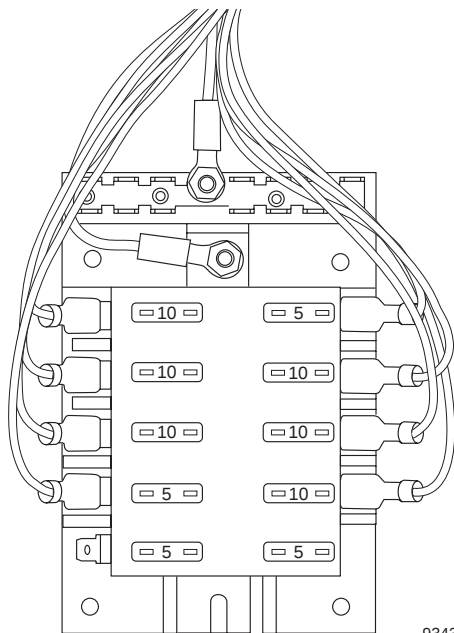
Fuse Panel

The fuse and relay panel is located under the helm console. Replace a blown fuse with an identical replacement.



WARNING

Never use a replacement fuse of a different color, size or amperage rating. An improper fuse can cause damage to the electrical system which could lead to a fire.



9343-032

SX, ST15 and SL Fuse Panel
Figure 6-3

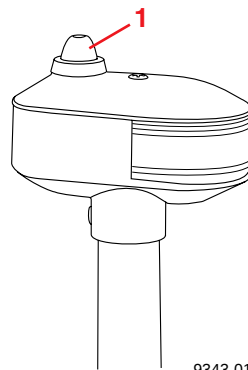


Bow Light

Your Skeeter boat is equipped with a bow light and a map light which can be turned off at the light. Press the button **(1)** to turn the map light off or on. The navigation light switch must be activated for this feature to work.

Tilt Steering Latch (Option)

Pull the latch toward you to adjust the steering wheel angle. The steering wheel has five positions and locks into a detent.



9343-019

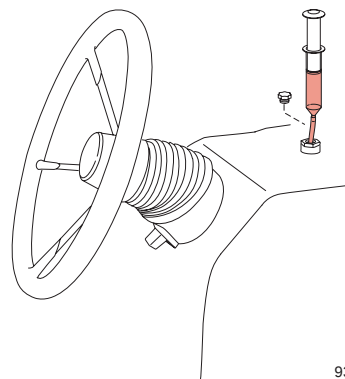
Bow Light With On/Off Switch
Figure 6-4



Hydraulic Steering (Option)

Maintenance of the steering system varies with usage and climate and should be inspected by a qualified marine mechanic at least twice a year or at the first sign the steering system is not operating normally.

To check the oil level, remove the steering fluid fill cap. The oil level should be within 1/2 inch of the bottom of the filler hole. Refer to the manufacturer's literature for more information on maintenance.



9343-020

Hydraulic Steering (Option)
Figure 6-5

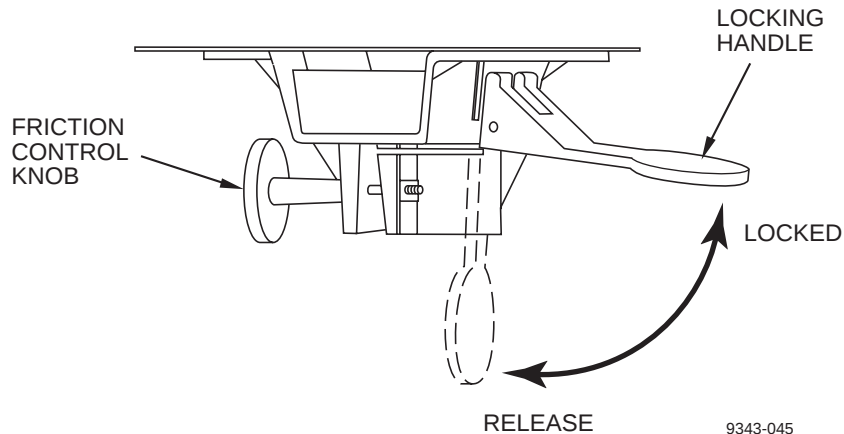


WARNING

Failure to comply with steering maintenance checks may result in loss of steering which may cause an accident with injury or death.



Swivel Seats



Swivel Seats
Figure 6-6

Press the locking handle down to release the lock; this will allow you to rotate the seat on the post. Twist the friction control knob to control friction on the post. The locking handle must be in the locked position and the friction control knob must be tightened when boat speed exceeds 5 mph.



FISH AND SKI BOATS



WARNING

Avoid serious injury or death due to ejection. The locking handle must be in the locked position and the friction control knob tightened before boat speed exceeds 5 mph.

Battery Charging System (Option)

The battery charging system allows you to charge the batteries without removing the batteries from the boat. Refer to the manufacturer's literature for operating instructions.

Make sure all accessories and outboards are in the OFF position when connecting to the power source and charging the batteries.



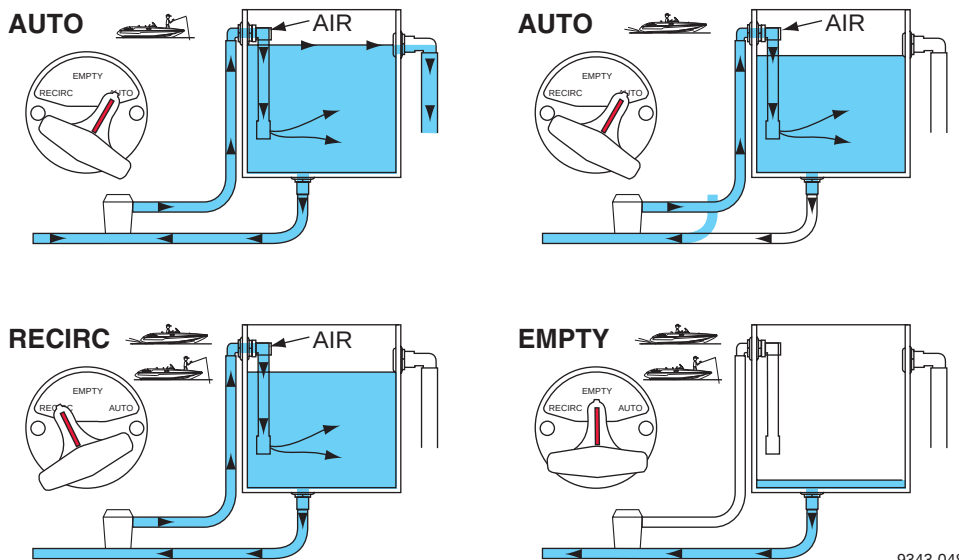
WARNING

Do not charge your batteries in the boat unless your boat is equipped with an onboard charging system.



Livewell System

Your Skeeter boat is equipped with a livewell system designed to keep your fish alive and healthy. See **Section 8** for more information.



9343-048

RECIRC/EMPTY/AUTO Selector Switch

Figure 6-7



FISH AND SKI BOATS

RECIRCULATE – On/Off plane: Actuator in “RECIRC”, outside water is prevented from entering while the control valve continues to allow the pump to recirculate and aerate the livewell. This position can be used when trailering fish.

EMPTY – On/Off plane: Actuator in “EMPTY” position drains the livewell but does not allow water to re-enter.

Rinse the livewell and baitwell (if equipped) with fresh clean water, remove any debris from the pick-up and drain screens and allow the livewell to air dry after each use. The pick-up screens are located at the bottom of the transom and the drain screens are located in the livewell or baitwell.

12 Volt Accessory Port

The 12 volt accessory port allows you to conveniently connect an accessory to your electrical system. The accessory port is fused with a 15 amp fuse.

CAUTION

Do not connect an accessory which will exceed this fuse rating.

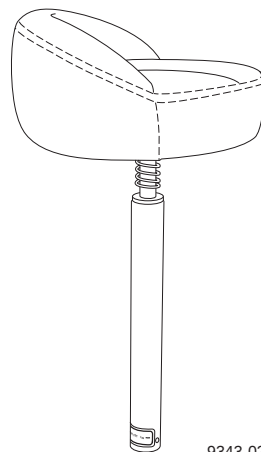


AM/FM CD Player

Your Skeeter boat is equipped with an AM/FM CD player. Refer to its operator's manual for more information.

Bike Seat

Mount the seat by selecting either the fore or aft swivel seat mount and twist to secure to mount.



9343-023

Bike Seat or Fishing Chair (Option)
Figure 6-9



FISH AND SKI BOATS



WARNING

Avoid serious injury or death due to ejection from seat. Do not use when boat speed exceeds 5 mph. Remove and stow seat when not occupied.

Boarding Ladder

Your Skeeter boat is equipped with a boarding ladder for easier boarding into the boat from the water.

Make sure the boarding ladder is in the stowed position after it is used. Always make sure no one is near the engine before you start it. Never use a ladder which is damaged.



WARNING

Do not board the ladder while the engine is running.

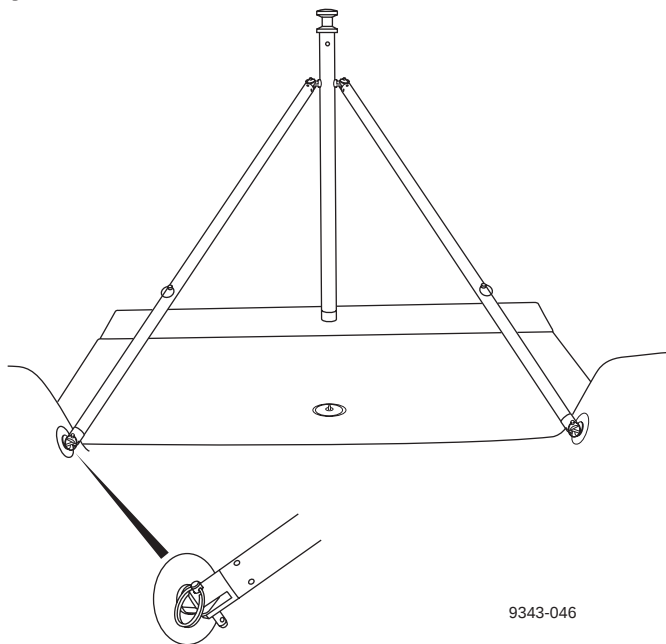


WARNING

Be careful when using the boarding ladder and exercise caution when you are near the outboard. Your outboard and propeller can have sharp edges. Always make sure no one is in the area behind your boat and the ladder is in the stowed position before starting your outboard.



Ski Pylon



9343-046

Ski Pylon
Figure 6-10

Your Skeeter boat is equipped with a ski pylon which provides an easy means for connecting a ski tow harness to your boat.

Make sure when you use the ski pylon, the pylon is installed into its mounting base completely and securely, and the supports are connected with their pins. Never substitute components and never use a damaged pin.



FISH AND SKI BOATS



WARNING

Avoid serious injury, death or boat damage from the Ski Pylon failure. The Ski Pylon must be secured to its base. Do not use with any equipment which is **TIED** to the tow rope, such as inner tubes, aquaplanes, etc. Always sit at least 3 feet forward of the pylon.

Walk Thru Windshield

Your Skeeter boat is equipped with a walk thru windshield which provides comfort to the cockpit area.

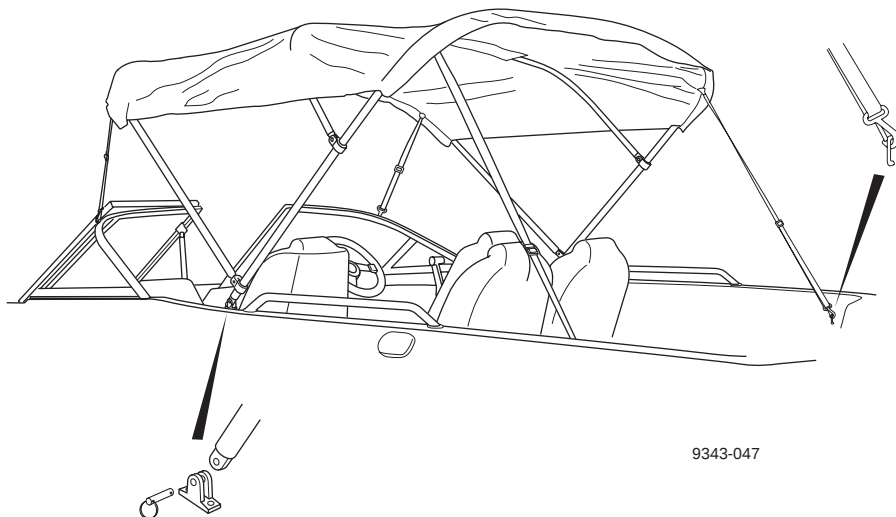
Always have the windshield closed and locked when your boat is moving.

Never use abrasives or solvents to clean the windshield. Use only mild soap and water or a quality glass cleaner.



WARNING

To avoid injury, the window must be secured in the locked position when your boat is in motion. Use both window locks.



9343-047

Canopy Top
Figure 6-11

Canopy Top (Option)

The canopy top provides comfort to the cockpit area from the sun and the elements.

The canopy top can be temporarily stowed, folded and laid on the sun deck. Make sure your canopy top is in a secured position before getting your boat underway.



FISH AND SKI BOATS

Never:

- stow the canopy wet or damp; allow it to air dry before stowing.
- use abrasives or solvents to clean the canopy; use only mild soap and warm (not hot) water and protect it with a high quality protectant.
- trailer your boat with the canopy top raised.

To raise the canopy:

1. Attach the supports into their mounts.
2. Remove the canopy boot.
3. Attach the bow straps to their mounting cleats.
4. Attach the stern straps to their mounting cleats.
5. Adjust the canopy's tension by adjusting the strap buckles.

Make sure the cockpit is well-ventilated when the canopy top is raised.



WARNING

Exhaust fumes from engines contain carbon monoxide. A boat with its canvas raised is more likely to collect exhaust fumes. Avoid brain damage or death from carbon monoxide. Keep the cockpit well-ventilated. Signs of exposure to carbon monoxide include nausea, dizziness and drowsiness.



Teak In-floor Hatch (Option) Care

The teak hatch option provides additional ventilation to the in-floor storage compartment.

To keep your teak in top condition, clean it occasionally with a teak cleaner. A teak cleaner can usually be found at your Skeeter Dealer. Treat it regularly or at least once a season. Follow the manufacturer's instructions and warnings carefully as some cleaners and oils may damage your boat's finish, vinyl and aluminum. Do not use rust-producing steel wool pads when you are cleaning your teak.

NOTE

Teak sealers and cleaners can be harmful to other materials. Make sure you thoroughly remove any spills or excess. Never varnish teak as the natural oils in teak will cause poor adhesion.



WARNING

Do not store rags used to clean or treat teak on your boat. Store or dispose of rags properly ashore.

Optional Equipment

Your Skeeter boat may be equipped with many options which cannot all be covered in this manual. Make sure you read and understand the optional equipment's safety, use and maintenance literature provided by the manufacturer to maximize the benefits and uses these options have to offer. Contact your Skeeter Dealer for more information or explanation.



FISH AND SKI BOATS

NOTES



STEERING

Under certain power trim positions of the outboard motor, there can be a noticeable pull on the steering wheel. This is often referred to as “steering torque.” The position of the outboard motor's trim tab affects the amount of steering torque. Refer to your outboard motor operator's manual for adjustment of the trim tab. Under any circumstances, the operator should always keep a firm, continuous grip on the steering wheel.

The owner/operator must inspect the steering system frequently.

- For Cable Steering, check for smooth, free, full range operation and steering components not worn or loose.
- For Hydraulic Steering, the fluid level should be checked periodically to determine the correct level.

Your Skeeter Dealer should investigate any steering system irregularities immediately. DO NOT continue to operate the boat if the steering system is malfunctioning.



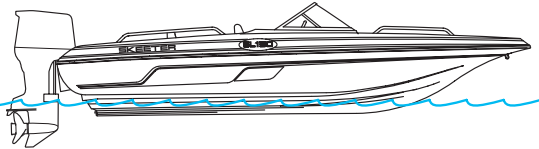
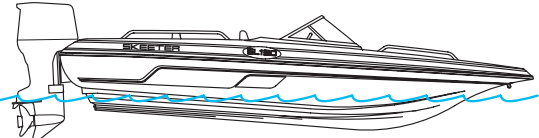
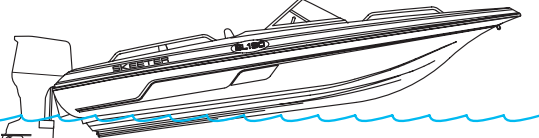
OUTBOARD MOTOR TRIM

Outboard motor trim is the angular relationship between the lower drive unit of the outboard motor and the transom of the boat. Boat trim while underway greatly affects your boat's performance and efficiency. For best results, the boat should be on plane and trimmed to reduce the wetted surface. With less boat in the water, both speed and fuel economy increases. Outboard motors with manual trim must be adjusted for best overall operation for the load and conditions. Outboard motors with power trim should be adjusted continuously for best results.

If the outboard motor is trimmed in too far (closer to the boat bottom), speed drops, fuel economy decreases and the boat may not handle correctly. However, it does provide better acceleration from a standstill; and because it forces the bow down, visibility is improved. If the outboard motor is trimmed out too far (away from the boat bottom), steering torque increases, the boat may be difficult to get on plane and may bounce.



CONTROLS/INDICATORS

	 CORRECT
	 IN TOO FAR
	 OUT TOO FAR

9343-017



CONTROLS/INDICATORS



WARNING

DO NOT trim the outboard motor out too far or the boat may begin to “porpoise” (bounce up and down). Porpoising reduces control and visibility and lowers top speed and fuel efficiency. Failure to maintain control or visibility could result in serious injury or death.

Refer to your outboard motor operator’s manual for power trim operation information.

FOOT THROTTLE (OPTION)

An optional foot throttle is available to improve throttle control. The foot throttle allows the boat operator to operate the throttle with both hands on the steering wheel. The foot throttle is equipped with a toe clip for additional safety in extreme operating conditions.

CAUTION

DO NOT shift the engine into gear if it is operating above 900 RPM. Only shift the engine into gear at the recommended idle speed.



PRO TRIM (OPTION)

The pro trim lever allows the boat operator to trim the outboard with both hands on the steering wheel.

NOTE

When the foot throttle and pro trim options are installed, the remote control will only function as a shifter.

INSTRUMENTS

NOTE

Types of gauges and switches vary by model. Not all models have all of the following items. Some of the following items are optional and cost extra. Skeeter reserves the right to change specifications without notice.

Some outboard motors are equipped with a multi-gauge to monitor the engine motor management system and other functions. Refer to the outboard motor operator's manual if your Skeeter boat is equipped with such a system.



Trim Gauge – If equipped

The trim gauge indicates bow position of the boat in the water. This is achieved by changing the angle of the outboard motor.

Sonar Fishfinder and Depthsounder – ZX, SX Models

Refer to the fishfinder and depthsounder operations manual.

Water Pressure Gauge – If equipped

The water pressure gauge monitors the cooling system pressure of the engine. Refer to your outboard motor owner's manual for information.

Voltmeter – If equipped

The voltmeter indicates voltage to the batteries from the charging system.

Tachometer

The tachometer registers engine speed in revolutions per minute (RPM). Refer to your outboard motor operator's manual for the correct operating range of the engine.



Speedometer

The speedometer indicates the speed of the boat in miles per hour. Be sure the speedometer pilot tube is clean and free from debris. Also make sure the speedometer tube is not pinched and allows for proper operation of the gauge.

Fuel Gauge

The fuel gauge registers the fuel level in the gas tank and not gallons. In some cases, because of the shape and size of the tank, when the gauge registers $1/2$, there may be as much as $3/4$ of a tank of fuel. Due to the various conditions affecting the way a boat floats, the gauge may register differently when the boat is on the trailer, at rest or on plane.

Engine Warning Light

Refer to your outboard motor owner's manual for additional information.

To assist in detecting engine emergency conditions while the boat is running at speed and engine and wind noises are high, a dash mounted, red engine warning light is provided. These will indicate a warning integrated in the engine. The light is to provide a visual warning in conjunction with the engine audible warning for low and burns continuously when the engine is hotter than normal running temperature. The light will blink in conjunction with the engine audible alarm test when the ignition is first turned on.



SWITCHES

Power Switch

This switch activates the gauges, most of the other switches, and most boat systems. The power switch is the main supply switch to all boat systems except the trolling motor system. No systems will work when this is set to OFF.

Bilge Switch

The bilge switch 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.

Courtesy Light Switch

The courtesy light switch activates interior lights for nighttime illumination.

Navigation Lights Switch

The navigation light switch activates the bow and stern lights in the RUN position and just the stern light in the ANC position. The lights should be in the RUN position while underway and in the ANC position when anchored or tied in open water or channels. 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.

Accessory Switches

Accessory switches are installed for use and convenience when installing optional equipment.

Horn Switch

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

Fuel Switch

The fuel switch is used to switch the fuel gauge operation to read from one tank to another. The switch also powers the fuel gauge on some models. These gauges will not work when the switch is in the OFF position.



CIRCUIT BREAKERS/FUSES

The main power supply at the battery, automatic bilge pump switches and trolling motor systems is protected from current overloads by circuit breakers or fuse holders at their power supply or at the battery in the positive (+) lead.

Circuit Breakers

Some main switch panels and trolling motor wiring is equipped with circuit breakers. The buttons will be labeled with the item they protect. If the circuit protected has a current overload, the breaker will trip and power will be discontinued. The cause of the overload must be determined and eliminated before resetting the circuit breaker. Reset the circuit breaker by pressing its button.

Fuses

Bus type fuses, located in a bus bar under the console, protect some electrical systems.



DO NOT exceed the recommended fuse sizes or bypass the fuse safeguard. Always install the proper (type and rating) fuses whenever replacing or changing fuses.



ELECTRICAL SYSTEM

Skeeter boats have sophisticated electrical systems to provide service and function to their owner. Power is supplied from batteries located in the aft rigging compartment directly in front of the engine. Red positive (+) leads and black negative (-) leads with ring terminals for connecting to batteries are located in this compartment. There will be three or four heavy gauge wires for the trolling motor system to connect to the trolling motor batteries. There will be two lighter gauge wires for the boat supply or “accessory” harness to connect to the engine cranking battery. Some system models are built to locate trolling motor batteries and wiring under the front deck.

FUEL SYSTEM

Your Skeeter boat is equipped with an internal fuel system meeting current federal requirements.

The fuel system must be thoroughly inspected and repaired, if necessary, before operating the boat. Do not operate your boat knowing you have a fuel system problem.

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



WARNING

Leaking fuel is a fire and explosion hazard. Inspect system regularly. Examine fuel system for leaks or corrosion at least annually.

Failure to inspect the fuel system could allow fuel leakage to go undetected, becoming a fire or explosion hazard.

If your boat has dual fuel tanks, it will be equipped with two fuel fill caps. Fuel is delivered from both tanks to your outboard motor.

If your boat is equipped with a capped second fuel delivery connector, this is used to supply fuel to a “kicker motor.”



LIVEWELL SYSTEMS

The livewell systems used on the Skeeter ZX and the Skeeter SX boats consist of a drain control valve, control cable and premium control cable actuator. All components are made of material suitable for both fresh and saltwater applications.

Skeeter ZX Livewell System

The Skeeter ZX livewell system features independent FILL and RECIRCULATE pumps for the port and starboard livewells. Take time to familiarize yourself with the controls for the livewell system.

- The Livewell Drain Control ACTUATOR positions the Flow-Rite remote drain control valve in the open or closed position.
- There are two electrical switches that control the power to either the Port or Starboard FILL pumps and two additional switches that control the Port and Starboard RECIRCULATION pumps. In addition to the OFF position, each switch can be placed in the MANUAL position for continuous duty, or the AUTO position for intermittent use.
- A separate 3-position timer switch (HIGH/MED/LOW) is provided for control of the intermittent off time when the AUTO position is selected on one or more of the pump switches. HIGH, MED, AND LOW represent 5, 3 or 1 minute off times, respectively.



Filling: Before filling, close the livewell drain by placing the drain control valve cable actuator in the CLOSED position. Fill the appropriate livewell or both by turning on the corresponding port or starboard FILL pumps while the boat is off-plane. Once the livewell is approximately half full, the RECIRCULATE pump may also be turned on for added recirculation and oxygenation. The FILL pumps can be operated any time the boat is off-plane and should, at a minimum, be operated periodically during the day to top off and freshen the livewell water.

Recirculation: When off-plane, both the FILL and RECIRCULATE pumps can be used to provide aeration for the livewell. The RECIRCULATE pumps can be left on during on-plane runs for continuous circulation duty; however, the FILL pumps should be turned off during on-plane runs for maximum pump life.

Emptying: To empty the livewell, turn off the pumps and place the drain control valve in the OPEN position. This will allow your livewell to gravity drain while on the trailer or while on-plane. If draining while on-plane, move the drain to the CLOSED position once the livewell is empty and before coming off-plane to prevent water from entering the drain. Draining while off-plane will only allow the water level to drain to the outside water level.

Pump-Out Feature: Your boat is equipped with the Pump-Out / Aerator Combo; the livewell can be pumped out on- or off-plane or on the trailer by pulling the head of the Pump-Out Aerator to the "Pump-Out" position and using the recirculation pump. Ensure that the "Fill" pump is off and that the drain control valve is "Closed." This feature can be used to lower the livewell water level to facilitate fish removal for tournament weigh-ins and for filling weigh-in bags. It can also be used to simply empty the livewell before a tournament blast-off when the drain control valve has been inadvertently left in the open position during boat launching.



Skeeter SX Livewell System

Familiarize yourself with the three controls for the Skeeter SX livewell system.

- The Livewell Control ACTUATOR positions the Flow-Rite 3-position (RECIRC/EMPTY/AUTO) automatic control valve into the desired operating mode.
- The electrical AERATOR switches control the power to either the Port or Starboard aerator pump.

These switches can be placed in the MANUAL position for continuous duty, or the AUTO position for intermittent use.

NOTE

When in the AUTO position an automatic timing feature is enabled, which allows the pump to run in a one (1) minute on/two (2) minute off cycle. This cycle will continue until such time that the timer is moved to another position other than AUTO.

1. Place control valve actuator in the AUTO position.
2. Turn on the livewell aerator pump.
3. Keep fishing.



This is really all that's necessary to operate your Skeeter SX Livewell. The Flow-Rite automatic control valve will allow you to keep your mind on fishing while all necessary livewell functions are performed without any further assistance until you are ready to empty it. Please continue reading and familiarizing yourself with all the features your livewell system offers.

Auto: This is the primary operating position of the Flow-Rite automatic control valve and is connected directly to the main aerator pump. This position allows the main pump and control valve to perform all necessary livewell functions without any further operator assistance. This position:

- Automatically keeps livewell full.
- Automatically closes drain when on-plane.
- Automatically opens drain intake when pump runs off-plane.
- Automatically blends fresh oxygenated water with recirculated water when off-plane.
- Automatically replaces used water with fresh to prevent ammonia buildup.
- Automatically replaces any water that is forced out of the overflow after each on-plane run.
- Automatically switches pump duties to closed recirculation during on-plane runs.



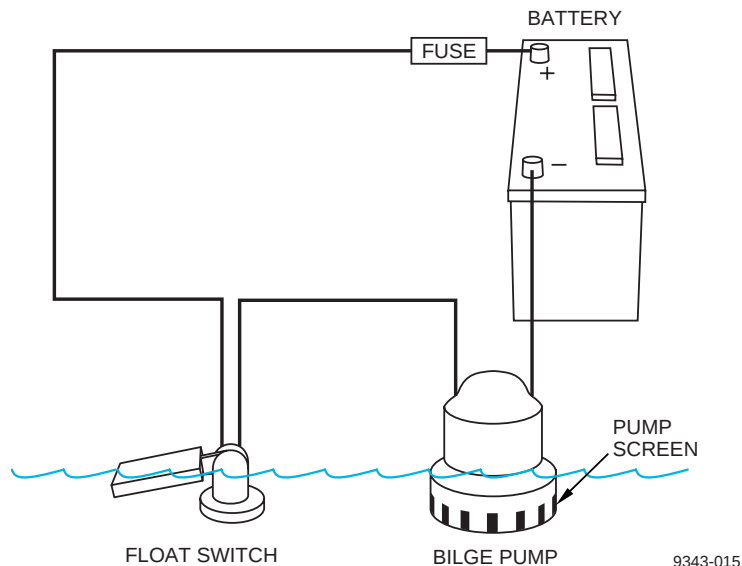
Recirc: This position is used whenever outside water is not wanted. This position closes the transom intake while it allows the main system pump to recirculate and aerate the livewell water. Times when outside water may not be desirable include refueling at dockside and when using livewell additives or ice. This position is also used while the boat is on the trailer for out of water weigh-ins or transporting fish to a remote weigh-in site. Other times include extremely long runs on-plane when outside water is not available and when using the optional pump-out system.

Empty: To empty the livewell while on the trailer, ensure all pumps are off and place the valve actuator in the “Empty” position. When this is performed while the boat is at rest in the water, the livewell will drain to a level equal to the outside water level. When performed on-plane, all livewell contents will be drained and the control can be placed in the RECIRC position to prevent outside water from entering.



BILGE

Bilge Pump



Bilge Pump
Figure 8-1



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.

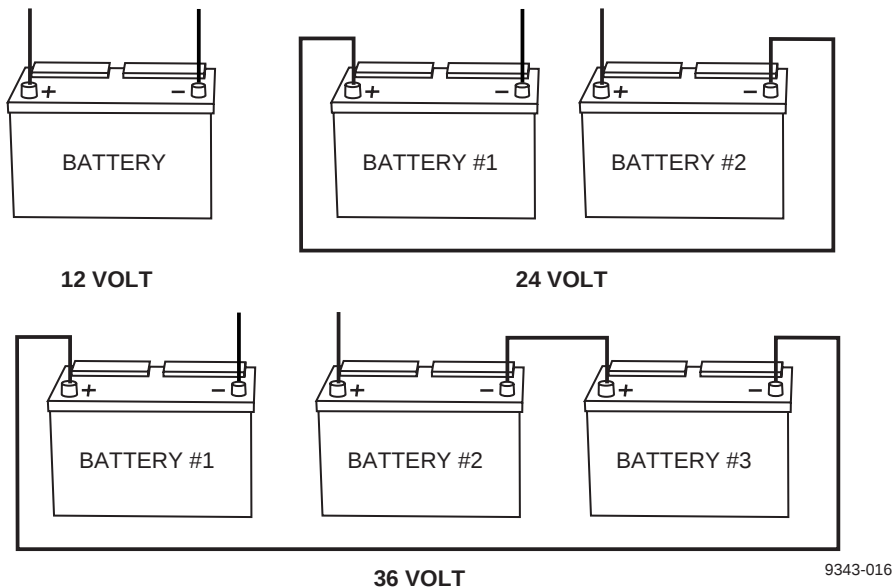
Figure 8-1 shows a typical bilge pump system with an automatic float switch.

Battery Connections

Refer to the manufacturer's engine manual for battery requirements.

Maintain the battery or batteries following the manufacturer's recommendations.

Disconnect all battery cables before servicing the battery or the outboards and make sure metal objects do not touch the battery posts.



Battery Connections
Figure 8-2

Figure 8-2 shows a typical 12, 24, and 36 volt connection.



WARNING

Keep the battery connections clean, tight and insulated to prevent shorting or arcing and causing a possible explosion. Install protective covers and check the connections often to make sure they are clean and tight.

DO NOT charge your batteries in the boat if your boat is not equipped with an on-board charging system.

Make sure all accessories and outboards are in the OFF position before making any battery connections.

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



NOTE

Connect the 12 volt accessories to the outboard motor's battery or to the #2 battery if two batteries are used for your electric outboard. If they are connected to the #1 battery, galvanic corrosion can occur and damage the electric outboard.

If your boat is equipped with a 24 volt electric outboard, interference can occur if you connect your accessories to the same batteries. Interference can also occur if the transducer wire is strapped or run next to the electric outboard's battery cable. Make sure your transducer wire is routed away from the cable and other wires.

If your electric outboard is connected to the battery using a receptacle, make sure all the connections are tight. If you operate your electric outboard with loose connections, damage to the electric outboard can result.

Never check your connections by running either of your outboards out of the water.



OPERATION

Starting the Engine

SEVERE INJURY OR DEATH MAY RESULT IF YOU IGNORE ANY OF THE FOLLOWING:

- Before operating your Skeeter boat, become familiar with all controls. Consult your Skeeter Dealer about any control or function you do not fully understand.
 - Attach the engine stop cord (lanyard) to a secure place on your clothing, or your arm or leg and keep it free from steering wheel or other controls so that the engine stops if the operator accidentally leaves the helm. Failure to attach the engine stop cord could result in a runaway boat if the operator is ejected.
 - Check throttle and steering for proper operation before starting the engine.
 - Shift into Neutral before starting engine.
 - Never start the engine or let it run any length of time in an enclosed area. Exhaust fumes contain carbon monoxide, a colorless, odorless gas that may cause loss of consciousness and death within a short time. Always operate the boat in an open area.
1. There is a hull drain plug at the bottom of the stern in the center. Be sure it is securely tightened before launching the boat.
 2. Attach the engine stop cord to your PFD. Install the cord clip onto the engine stop switch by pushing the clip groove over the nut beneath the knob. Be sure the cord is not wrapped around the steering wheel or tangled in the controls.



NOTE

It is not possible to start the engine with the clip removed from the engine stop switch. However, the starter motor will turn the engine over.

3. Put the throttle lever in the Neutral position. Turn the ignition key to “Start.” When the engine starts, release the key. Refer to the outboard motor owner’s manual for more information.

Stopping the Engine

To stop the engine, return the throttle levers to the Neutral position, then turn the main switches to “Off.” The engine can also be stopped by pulling the engine stop switch cord (lanyard).



WARNING

Once the engine has stopped, you have very little steering control over the boat. You could collide with another boat, a dock, or other obstacle.

NOTE

Remove the ignition keys and the engine stop switch cord (lanyard) if the boat will be left unattended. Stopping the engine immediately after operating at high rpm is not recommended. Let the engine cool off at idle or low speed for a few minutes first.



DRIVING YOUR SKEETER BOAT

Getting To Know Your Boat

Operating your Skeeter boat requires skills acquired through practice over a period of time. Take the time to learn the basic techniques well before attempting more difficult maneuvers.

Boating with your new Skeeter boat can be a very enjoyable activity, providing you with hours of pleasure. But it is essential to familiarize yourself with the operation of the Skeeter boat to achieve the skill necessary to enjoy boating safely. Before operating this Skeeter boat, read this Owner's Manual, the Owner's Manual for your outboard motor, all Warning and Caution labels on the boat and motor, as well as all other informational material supplied with your boat.

Boating With Passengers

When one or more passengers are on board, the boat may handle differently, so operating it requires a higher degree of skill.

Passengers should sit so the weight in the boat is balanced from side-to-side and bow-to-stern as much as possible. If passenger seats are provided on your boat in front of the helm, be sure the operator's view ahead is not obstructed when they are used.



Passengers must sit in one of the seats and hold onto the grips while putting both feet on the deck.

When passengers are on board, make sure they are seated and holding on before you start to accelerate. An unprepared passenger could lose balance and fall.

Boarding From a Dock or Landing Jetty

1. Board the boat from the side. One person should board at a time by stepping into the boat. Never jump in. Avoid stepping on slick gelcoat surfaces on the boat's gunwales, especially if wet.
2. Sit in one of the seats provided and put both feet on the deck.

Stopping

The Skeeter boat is not equipped with a separate braking system. It is stopped by water resistance after the throttle levers are moved back to idle. The stopping distance varies depending on gross weight, water surface conditions, and wind direction. The boat slows down as soon as the throttle lever is returned to idle but will coast for a distance before fully stopping. If you are not sure you can stop in time before hitting an obstacle, apply throttle and turn in another direction.

You will lose most steering control if you put the throttle lever in Neutral.



Docking

1. Make sure no obstructions, boats or swimmers are close to the boat. Come to a stop before you reach the dock.
2. Notice how wind and water currents are affecting boat movement as you attach your mooring lines and fenders.
3. Approach the dock at idle speed. Use reverse as necessary during slow speed maneuvering to help control speed and direction. Position the boat according to wind and water conditions.



WARNING

Do not use your hand, arm or other part of your body to try to keep the boat from hitting the dock. You could be injured if the boat pushes against the dock.

Wind or current pushing boat away from dock:

Slowly approach the dock at about a 45° angle. Secure the bow to the dock, then use engine power or a boat hook to gently move the stern to the dock.

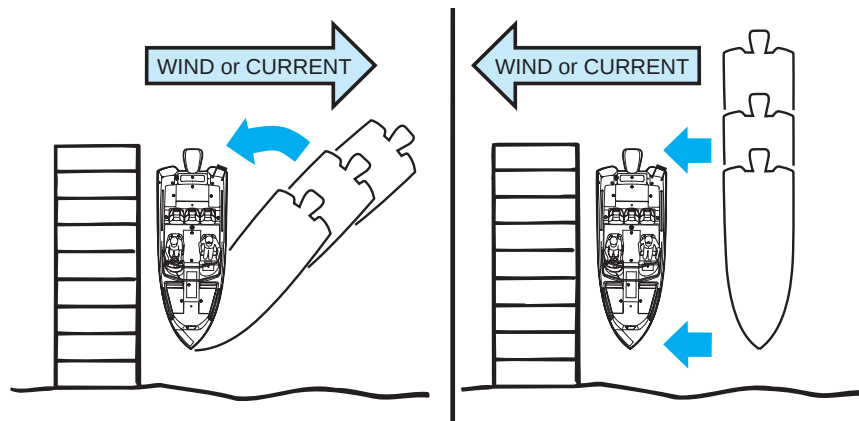
Wind or current pushing boat toward dock:

Slowly maneuver to a shallow angle and allow the boat to move toward the dock.



No wind or current:

Approach the dock at a shallow angle. Secure the bow to the dock, then use engine power or a boat hook to gently move the stern to the dock.



9343-011

Docking
Figure 9-1



Leaving a Dock

Because boats steer from the stern, the stern first moves in the direction opposite your desired turn. It is especially important to understand this characteristic when leaving a dock. If you simply turn the wheel to steer the bow away from the dock, as you would when driving a car out of a parking space, you will drive the stern of the boat into the dock. Following is a basic maneuvering technique which can be used in most circumstances.

1. With engine idling and the bow still moored to the dock, turn the steering wheel toward the dock. This will start to move the stern of the boat away from the dock.
2. When the stern is out a few feet, release the bow mooring then steer in the direction you want the bow to move. Open the throttle slightly and begin to move away from the dock.



Crossing Wakes and Swells

You will not always have flat, smooth water. There will be swells, wakes from other boats, etc. The best way to cross wakes and swells is with the least jolt to you and the boat. Small swells are not as difficult to cross as larger swells or wakes. Crossing a sharp wake gives more of a jolt than a broad swell.

To cross a wake or swell, change your speed and choose the angle at which you cross the wake or swell. Usually, a slower speed and "quartering" the wake (crossing at an angle) will reduce the jolt.

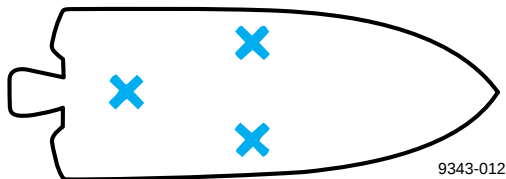
Two other things you may notice. The first is that crossing a group of wakes or swells is not as easy or smooth as crossing just one wake. The second is that when you quarter the wake or swell the boat will try to steer away from the wake or swell. When crossing at a 45° angle, you may not notice this, but at a smaller angle, say 10°, it can be very strong. Be prepared to steer and balance as necessary.



BOAT TRIM

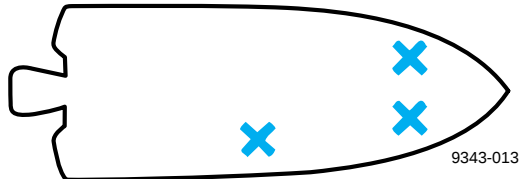
The performance of your Skeeter boat depends on load weight and distribution. Distribute weight evenly, from bow to stern, and also from port to starboard. After loading, the boat's trim can be adjusted by changing the outboard trim angle.

Overloading of passengers, personal equipment and supplies could result in an accident, especially in rough waters. Maintain a balanced load at all times.



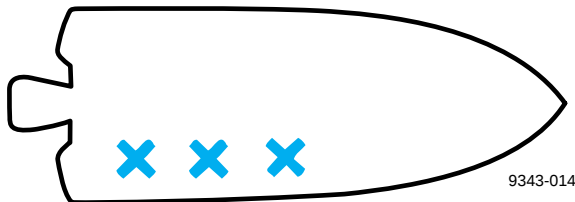
9343-012

Proper Distribution
Figure 9-3



9343-013

Improper Distribution (Bow Heavy)
Figure 9-4



9343-014

Improper Distribution (Starboard Heavy)
Figure 9-5



OPERATION

NOTES



There are many things to consider to make your boating trip safe and enjoyable. You are responsible for the safety of all passengers, the boat and any damage the boat or its wake may cause. Keep passengers from blocking your view so that you do not run into other boats, swimmers, water skiers, personal water vehicles or aids to navigation.

SAFETY CHECKLIST



Do not operate the boat if any problem is found during this inspection. A problem could lead to an accident during the outing causing severe injury or death. Problems found during this inspection should be handled by your Skeeter Dealer.

The following checks are essential to safe boating and must be performed before starting the engine.

- Check the weather report, wind and water conditions.
- Check that required safety equipment is onboard and in proper operating condition.
- Check that the fire extinguisher is fully charged.
- Be sure the boat is not overloaded.
- Be sure the operator's visibility is not obstructed.
- Check that all maintenance has been performed.
- Check the fuel system for leaks and fumes.



GETTING UNDERWAY



WARNING

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.

SAFETY EQUIPMENT

Federal and local laws require certain safety equipment to be on board at all times. In addition, responsible boaters carry other equipment in case of emergency. Check with local boating authorities for any additional requirements over and above the federal requirements.

BOARDING

When boarding the boat, always step in. Do not jump. Avoid stepping on fiberglass or other potentially slippery surfaces. Board one person at a time.

Do not board the boat while carrying gear. Set the gear on the dock, board the boat and then pick up the gear.

Do not use the outboard as a boarding ramp, use the boarding ladder. To prevent injury, make sure the engine is OFF when swimmers, drivers and skiers are boarding.



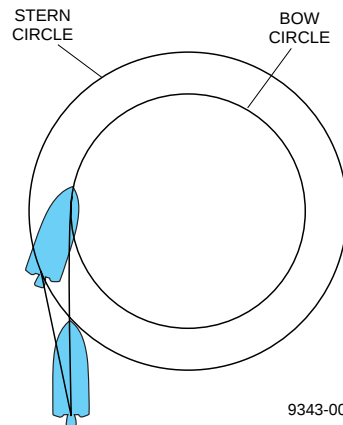
Skeeter urges you and all others operating your boat to seek certified instruction from the local boating authorities.

This section is designed to present the most basic operational principles. It is NOT intended to cover all conditions encountered during operation. Therefore, the principles in this manual are limited to the facts related directly to the operation of your boat, while the responsibility for the proper application of these principles belongs to you.

MANEUVERING TECHNIQUES

Steering response depends on three factors: outboard position, motion and throttle.

When making tight maneuvers, it is important to understand the effects of turning. Since both thrust and steering are at the stern of the boat, the stern will push away from the direction of the turn. The bow follows a smaller turning circle than the stern.



9343-007

**Maneuvering
Figure 11-1**



The effects of unequal propeller thrust, wind and current must also be kept in mind. While wind and current may not always be present, an experienced boater will use them to his advantage. Unequal thrust is an aspect shared by all single engine propeller-driven watercraft. A clockwise rotation propeller tends to cause the boat, steering in the straight ahead position, to drift to starboard when going forward, and to port when going backward. At high speed, this effect is usually unnoticed, but at slow speed, especially during backing, it can be powerful. For this reason, many veteran boaters approach the dock with the port side of the boat toward the dock, if possible.

Stopping (checking headway) is a technique that must be developed. Reverse thrust is used to slow and stop the boat. The momentum of the boat will vary according to the load as well as the speed. Make it a practice to slow to idle (no-wake) speed before shifting into reverse.

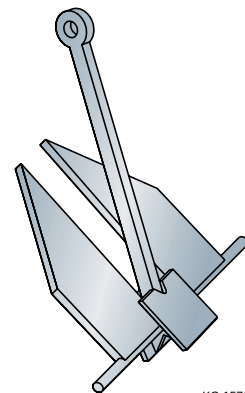
It is best to learn maneuvering skills in open water away from traffic. Adequate practice is the only way to develop your boating skills.



ANCHORING

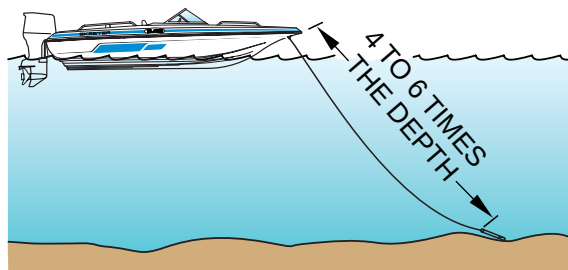
Always anchor from the bow. Anchoring only from the stern will make the boat unsteady. A strong current can pull a stern-anchored boat underwater. Select an anchor appropriate for your boat and water conditions. A “danforth” (or fluke) type anchor is suitable for most applications; your dealer can help you choose an anchor.

1. Make sure the anchor line is securely tied to the anchor and to the bow eye.
2. Move the boat to the spot where you want to lower the anchor, heading the boat into the wind or current. Stop the boat, then lower the anchor until it hits bottom.
3. While keeping tension on the line, slowly back up the boat until you have let out line that is 4 to 6 times the depth of the water. For example, if you are anchoring in 10 feet of water, let out 40 to 60 feet of line. Secure the line.
4. Pull on the line to be sure the anchor is holding. Also, periodically check your boat's position against the shoreline to make sure it is not drifting and dragging the anchor. Reset it if necessary.
5. To pull in (“weigh”) the anchor, start the engine and move forward, keeping tension on the line as you pull it in. When the anchor line is straight up and down, pull hard to lift the anchor from the bottom material.
6. If the anchor is stuck on the bottom, try this: Let out a few feet of anchor line and secure the line to the boat again. Slowly maneuver the boat around the anchor until the anchor pulls loose. Keep the line taut during this procedure.



KC-1571C

Danforth Anchor
Figure 11-2



9343-008

Anchoring
Figure 11-3



PERFORMANCE BOATING

Your Skeeter boat is a high speed, high performance boat. DO NOT be tempted to push your boat to its limits until you are completely familiar with its operating characteristics.

We recommend that you never operate the boat without first having an initial orientation and familiarization/ demonstration ride with your dealer or an operator experienced with the boat/outboard combination. All boats perform differently.



WARNING

DO NOT trim the outboard out too far or the boat may begin to “porpoise” (bounce up and down). Porpoising reduces control and visibility and lowers top speed and fuel efficiency. Failure to maintain control or visibility could result in serious injury or death.



PROPELLERS

Care and selection of your propeller is very important to proper boat operation. Refer to your outboard motor operator's manual for propeller information.

Problems associated with propellers include ventilation, cavitation and blow-out. These problems have similar symptoms and are best diagnosed by an expert. Consult your Skeeter Dealer if you think you have a propeller related problem.



WARNING

**Never change a propeller without disconnecting the battery from your outboard.
Your propeller can have sharp edges. Handle with care.**



POST-OPERATION CHECKS

Post-Operation Checks

These post-operation procedures are developed to help preserve the long-term appearance and reliability of your Skeeter boat. Perform these procedures as soon as possible after the boat is loaded back on the trailer after the day's use.

Some owners plan to moor their boat seasonally, rather than keeping it on the trailer between uses. The procedures described in this section may not be possible if your Skeeter boat is moored in the water. Boats which are moored will require periodic removal from the water to clean the hull and jet pump area. The frequency of this maintenance will depend upon whether the water is salt or fresh, as well as other local water conditions.

Leaving the boat in the water for extended periods will accelerate the rate of normal deterioration of the jet pump components and hull finish. Stray electrical voltage in the water, marine organisms, and saltwater corrosion are a few of the conditions that can adversely affect the life of many Skeeter boat components.

1. Follow the post operation or storage instructions in your outboard motor's Owner's Manual.
2. Wash down the hull, helm, and outboard motor with fresh water. Remove the drain plug at the stern to let any water drain from the bilge.



NOTE

This boat is equipped with an electric bilge pump that automatically removes excess water from the bilge while you are underway. However, some residual water remains that must be drained by removing the drain plug.

Tighten the hull drain plug securely before launching the Skeeter boat. Clean any foreign material, such as dirt or sand, from the threads before installing the drain plug.

3. Spray a rust inhibitor, such as Yamaha Silicone Protectant and Lubricant, on metallic parts to minimize corrosion.



TRAILERING



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.

A trailer is provided as standard equipment with your Skeeter boat. If you need to obtain another trailer, choose one that is manufactured to carry a boat of the size and weight of your Skeeter boat. Check the certification label on the left 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.



Hitch

The trailer hitch ball must match the size of the socket on the trailer hitch coupler. Hitches are divided into classes that specify the gross trailer weight (GTW) and the maximum tongue weight. Always use a hitch rated for the same or higher class. Use a bolted-on or welded-on hitch; clamp-on bumper hitches are not recommended. Be sure the trailer hitch's release handle is latched with the lock pin installed before towing.

Use safety chains between the towing vehicle and the trailer so the trailer will not detach completely from the towing vehicle if it accidentally comes loose from the hitch ball. Crisscross the chains under the trailer tongue so the tongue will not hit the road surface if it falls loose. Rig the chains as tightly as possible while allowing just enough slack to permit tight turns.

Be sure the tongue weight (vertical weight on the hitch point) is correct. Generally, 5% to 10% of the combined weight of the boat and trailer should be on the tongue. Too much or too little weight can cause difficult steering or trailer swaying.



Trailer Checklist

- Check your state laws to be sure your trailer meets all regulations, such as proper licensing, brake, axle load, and safety chain requirements.
- Check trailer for any loose fasteners or damaged parts.
- Check tires for proper inflation.
- Check wheel bearings and wheel lug nuts before each trip.
- Check tail, brake, and turn signal lights for proper operation.
- Secure the bow of the boat to the trailer with the winch line and also with the chain. Secure the stern cleats to the trailer with tie-downs.
- Take down and store the bimini top, if used. The top is not designed to stay unsecured on the Skeeter boat at highway speeds.
- Carry a spare tire for the trailer, along with sufficient tools to change the tire.
- While traveling, check the wheel hubs on the trailer whenever you park. If the hub feels abnormally hot, have the bearing inspected before continuing your trip. On longer trips, it is a good idea to carry a set of spare wheel bearings, seals, and races.
- When making a turn, do not cut corners. The trailer has a smaller turning circle so it turns more sharply around the corner than the towing vehicle.
- Before backing your trailer into the water, disconnect the light plug from the towing vehicle. This will reduce the likelihood of the lights blowing out when submerged.



Backing Your Trailer

It takes practice to back a trailer successfully. If you are not familiar backing up with a trailer, practice first in an open area away from obstacles.

Keep the following points in mind:

- Back slowly. Make steering adjustments in small steps.
- Turn the towing vehicle's wheels opposite the direction you want the trailer to go.
- After the trailer begins moving, turn the towing vehicle to follow it.
- Have a second person stand by to help direct you with hand signals.



Launching

As a courtesy to other boaters, prepare your Skeeter boat for launching before using the ramp. Each launch may have particular differences, such as ramp angle, prevailing wind, waves, and water currents. If possible, watch a couple of boaters launch their boats first to notice any problems. While every boater develops a preferred launch procedure, here is a recommended general procedure:

1. Perform the Pre-Operation Checks shown on Page 1-20 that can be performed on land, including operating the blower for at least 4 minutes.
2. Remove all trailering tie-down lines from the boat and attach your docking lines and fenders, if used.
3. Disconnect the trailer lights from the towing vehicle.
4. Back the trailer down the ramp as close to 90° to the shoreline as you can. If possible, have a second person stand aside as an observer. Stop when the wheels are at least halfway submerged. Set the parking brake.
5. Remove the bow line from the bow eye.
6. Back the trailer farther into the water until just the tops of the fenders show, then reset the parking brake. Board the boat and start it. If possible, remain on the trailer until the engine is warm and is responding to throttle.
7. Back the boat out into the water, watching carefully for people, other boats, or obstacles.



Loading

1. Disconnect the trailer lights from the towing vehicle.
2. Back the trailer down the ramp as close to 90° to the shoreline as you can. If possible, have a second person act as an observer while standing to the side of the boat. Stop when the tops of the trailer's fenders are about 3 inches above the waterline.
3. With the boat moving at the slowest idle speed, guide the boat onto the support rails. Use throttle only if necessary for steering ability.



WARNING

Using too much throttle can cause the boat to jump over the front of the trailer which can result in injury to the boat operator and bystanders. Use only enough throttle to maneuver the boat into the correct position.

4. Make sure the boat is centered on the support rails and is headed straight for the bow stop (bumper board). Ease the boat forward until the bow rests against the bow stop.
5. Attach and tighten the winch line.



CAUTION

- The winch line is not designed to pull the boat onto the trailer.
- The winch line should not be the only line securing the bow during trailering. Use the chain along with the winch to secure the boat to the trailer.

6. Pull the trailer up the ramp out of the way of other boaters. Attach the bow and stern tie-downs. Reconnect the trailer lights.
7. Follow the Post-Operation Checks on Page 11-6.



RUNNING

NOTES



This section describes how to care for and maintain your Skeeter boat. Periodic inspection and maintenance of items listed in this section are absolutely necessary.

REPAIRS AND MODIFICATIONS

Your Skeeter boat is designed for safety in the harsh marine environment and thoroughly tested and certified for compliance with applicable safety standards. Because of the possibility of interference with the design of the boat, owner installation of additional equipment or modification of factory equipment is not recommended.

In addition, DO NOT attempt to make repairs unless you are certified to do so, have the necessary authorized repair information and use approved marine replacement parts.

Your Skeeter Dealer is qualified to make such repairs, additions or modifications to your boat that will not compromise safety, design integrity or warranty coverage.



ELECTRICAL



Use extreme caution when checking for an electrical problem.

An electrical system problem must be treated seriously. Do not operate your boat knowing there is a problem with the system. When a problem is discovered, have your Skeeter Dealer service it immediately.

NOTE

The electrical system is designed to protect your boat from short circuits or an overload condition. Any modifications to the system should be done by your Skeeter Dealer.

Battery

Periodically check the battery restraint system, making sure the battery is secured.



CARE/MAINTENANCE



WARNING

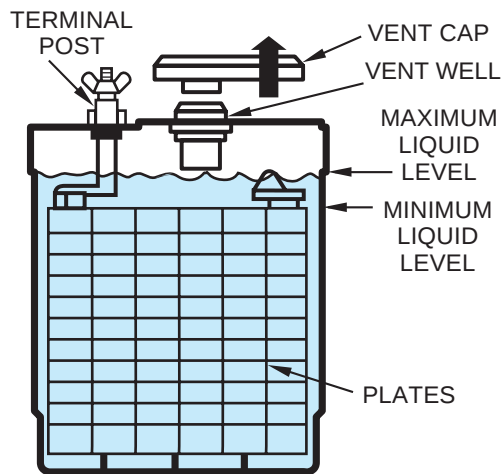
- Batteries contain sulfuric acid which can cause severe burns. Wear protective clothing to avoid acid contact with your skin and eyes. Failure to do so could result in severe injury.
- The battery compartment doors **MUST** be secured in the open position for ventilation when charging any batteries.
- Be sure to inspect your boat for and eliminate fuel fumes and their cause prior to connecting a battery charger to your batteries.

Check the batteries frequently for signs of corrosion. If corrosion is evident, clean 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 the solution from getting inside the battery.

NOTE

Some batteries are sealed and cannot be filled.

Check the fluid levels in the cells. Usually, a level approximately 1/4 to 1/2 inch (6 to 13 mm) above the plates is sufficient. If needed, fill with distilled water. **DO NOT** overfill!



KC-1620C

Figure 12-1



WARNING

Batteries produce explosive hydrogen gas. **DO NOT** attempt starting your engine with jumper cables under any circumstances. Keep all sparks, flames and smoking material away from the batteries. Risk of spark at the battery post igniting gasoline or hydrogen fumes is too great. Always wear skin and eye protection when near batteries and keep the battery compartment lids open to provide adequate ventilation when charging. An explosion can cause blindness or other serious injuries.

Batteries are perishable products and will self-discharge. If you operate your boat sparingly, you may want to charge your batteries occasionally.

Direct Battery Charging

Refer to **Electric Trolling Motor Systems**, in **Section 8** for charging trolling motor batteries information.

Secure the battery compartment doors in the open position. Observing polarity, connect the battery charger to the battery posts.



Onboard Charger

Charging through the optional onboard charger can be performed by securing the battery compartment doors in the open position. Plug a properly grounded extension cord into a 110-volt AC outlet. Place the receptacle end into the permanently mounted charger inlet on the boat. Charging will begin automatically.

CORROSION PROTECTION

Galvanic Corrosion

Galvanic corrosion (electrolysis) is the breakup of metals due to the effects of electrolytic action. When dissimilar metals are immersed in a conductive fluid such as salt water, an electric current is produced, similar to the action of a battery. The softest of the metals will be the first to become damaged. If not stopped, a great deal of damage could occur.

If you operate in salt, polluted or brackish waters, your boat should be equipped with a transom mounted zinc anode to prevent damage to those metal parts coming in contact with the water. By design, the anode is self-sacrificing. It is slowly eroded by electrolytic action and requires periodic inspection for deterioration. If the zinc anode shows extreme erosion, it must be replaced for continued protection.



CAUTION

DO NOT paint or coat a zinc anode with any substance. Once covered, the anode will not provide protection from galvanic corrosion. Replace the anode if it is deteriorated 50% or more.

Consult your Skeeter Dealer for additional information concerning galvanic corrosion.

Saltwater Corrosion

The entire boat should be rinsed with fresh water and washed immediately after use in saltwater. If the boat is used primarily in saltwater, wax the hull monthly and apply corrosion inhibitor to all hardware. See your Skeeter Dealer for products suitable for the marine saltwater environment.

Refer to your outboard operator's manual for cooling system flushing information.



GENERAL MAINTENANCE

Boat Finish

Most things, when left outdoors, man-made or natural, will gradually deteriorate from exposure to sunlight, water, dust and chemicals in the air. Such exposure may cause your boat's surface to show a variety of changes, including but not limited to:

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

Routine, periodic maintenance is the only practical way to keep the surface of your boat looking good.

Maintenance Procedures

You will get years of boating pleasure while slowing the changes described previously by following the simple maintenance procedures described below.



When Not In Use

Sunlight and dust can be your boat's worst enemies. Keep your boat covered when not in use. A boat cover (option available from your Skeeter Dealer), preferably light in color, is a wise investment to help prevent damage while the boat is stored or on the road. DO NOT use sheet plastic or other non-porous materials, which can trap moisture between the cover and the boat's surface.

Each Month

Wash the boat's surface with a mild soap to remove normal accumulation of soil and stain. Avoid any kind of alkaline cleansers such as tri-sodium phosphate (TSP), abrasives, bleaches or ammonia. DO NOT use acids or other strong chemicals to clean the boat. For best results, use cleaners recommended for fiberglass and follow the instructions on the label.

Twice Yearly (Minimum)

Wax your boat's gelcoat surface to help prevent loss of gloss and protect the finish. Use only wax recommended for use on fiberglass and follow the instructions carefully. Apply only a thick coat of wax to a small area (3 feet by 3 feet) at a time using clean applicator cloths. 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 gelcoat surface that has been sitting in the sun and is hot. Never wax a gelcoat surface in direct sunlight.



Carpet

Your Skeeter carpet has built in stain and soil release characteristics for easy, less costly maintenance. Maintenance such as vacuuming, hosing and washing should be performed regularly. Most stains and mildews are easily removed from the carpet. To clean mildew off the carpet, first check the cleaner on a small area of carpet that is hidden to determine compatibility of cleaner and carpet. "FISH ATTRACTANTS," which are commonly sprayed on lures and some insect repellants will cause deterioration of the carpet backing. Spray these formulas away from your boat carpet and any spills should be cleaned promptly. DO NOT use pressure sprayers to clean boat carpet.

Upholstery

Skeeter takes pride in manufacturing our own custom interiors. The vinyl fabric in your Skeeter interior was specially selected to take the tough punishment of the elements and hard usage of an active boater.

For General Care:

- Do not use the seat straps as a handle when carrying seats.
- An authorized Skeeter Dealer should install seats.
- Use quality upholstery cleaner to clean the vinyl upholstery.



CARE/MAINTENANCE

- Protect the seats from the weather and ultraviolet sunrays. Use a high quality vinyl conditioner containing UV inhibitors.
- Check the seat fasteners. Only Skeeter approved seats and associated hardware should be used in your boat. These seats and hardware should be periodically inspected for wear, tear and/or fatigue. If you notice these types of signs, please contact your Skeeter Dealer and have them replaced via the Skeeter Customer Service for a nominal fee.

Paints

If your boat is kept in water where marine growth is a problem, the use of anti-fouling paint may reduce the growth rate. Be aware of environmental regulations that may govern your paint choice. Contact your local boating authorities for information.

Cleaning Agents

Household cleaners should be used sparingly and not discharged into waterways. DO NOT mix cleaners and be sure to use plenty of ventilation in enclosed areas. DO NOT use products which contain phosphates, chlorine, solvents, non-biodegradable or petroleum based products. Citrus-based cleaners are excellent for marine cleaning purposes and are safe for you and the environment.



FUEL SYSTEM



WARNING

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 a leak, have your Skeeter Dealer repair the leak before your next boat outing.

Only USCG approved fuel hoses must be used on the fuel system.

STEERING SYSTEM

Frequently inspect the steering system for smooth, free and full-range operation. In addition, check the original self-locking nuts used to fasten the steering link rod between the steering cable(s) and the engine.

Have your Skeeter Dealer check for proper lubrication, any unusual backlash and any component wear of the steering system at least once a year.



TROUBLESHOOTING

The following chart will assist you in finding and correcting minor problems with your Skeeter boat. Refer to your outboard operator's manual for any problem concerning the starting, shifting or operation of the outboard.

Some problems may require the skills of a trained technician and special service tools. Please contact your Skeeter Dealer for assistance.

TROUBLE CHECK CHART

PERFORMANCE	
Symptom	Possible Cause
Poor boat performance	• Contaminated fuel • Uneven load distribution • Improper power trim setting • Improper propeller selection • Engine problem • Marine growth on hull
Poor gas mileage	• Improper power trim setting • Marine growth on hull • Engine problem



TROUBLESHOOTING

PERFORMANCE (Continued)	
Symptom	Possible Cause
Excessive vibration	• Damaged or fouled propeller • Engine problem
Engine runs but boat makes little or no progress	
	• Fouled or damaged propeller • Engine problem
ELECTRICAL	
Symptom	Possible Cause
Electrical problem	• Open circuit breaker or blown fuse • Loose wiring connection • Defective switch or gauge
Dim or no lights	
	• Circuit breaker tripped or in OFF position • Battery discharged



Storage or winter lay-up requires special preparation to prevent damage to your boat. If the boat is stored in below freezing temperatures, water inside the boat and in the livewell systems may freeze causing damage. Damage to the boat due to improper storage will not be covered by the warranty. The following procedures should help prevent damage to your boat.

CAUTION

Follow the instructions in the outboard operator's manual for off-season storage, stabilizing the fuel system and stabilizing the oil injection system, if applicable.

Remove the drain plug immediately after taking the boat out of the water. After washing, raise the bow of the boat enough to allow as much water as possible to drain while performing the following storage preparations.

- Thoroughly clean the hull, deck and interior of the boat as soon as it is removed from the water. Cleaning at this time is easier because the marine growth is still wet. Be sure to allow for a couple of days of air drying to prevent mildew due to trapped air. Refer to **General Maintenance**, in **Section 12**.
- Drain the livewell system. Refer to **Livewell Systems**, in **Section 8**.
- Apply wax to the entire surface of the boat. Refer to **General Maintenance**, in **Section 12**.
- Remove the batteries from the boat. Clean, fully charge and store them in an area not subject to freezing temperatures. DO NOT store batteries close to heat, spark or flame producing devices. Refer to **Battery**, in **Section 12**.



- Perform all scheduled maintenance for the outboard and the trailer.
- Use proper protection to cover the outboard and the boat while in storage.

Reactivating the Boat After Storage

- Charge and install the batteries. Refer to **Battery**, in **Section 12**.
- Check condition of the livewell system. Refer to **Livewell Systems**, in **Section 8**.
- Check the fuel system. Verify the condition of all hoses and fuel line. Should a fuel hose needs replacing, use only USCG approved hose. Be sure all hose clamps are tight.
- Check and lubricate the steering system.
- Verify the condition of all safety equipment.
- Verify proper operation of the engine stop switch and lanyard.



LIFTING

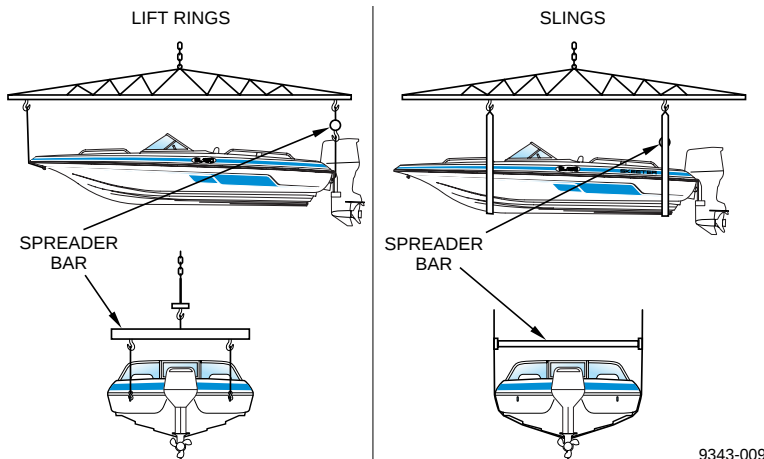


Figure 14-1



WARNING

Do not attach lifting cables to the bow eye, cleats, water-ski tow eye, or grab handles. Serious damage to the boat can occur. Use only a sling designed specifically for lifting boats.



If you need to remove the Skeeter boat from the water without a trailer, use these guidelines:

- Use a sling-type lifting mechanism designed for lifting boats. The sling should be covered with a protective material to prevent damage to the hull gelcoat.
- Use spreader bars to avoid side stress to the hull that may cause cracks in the gelcoat and fiberglass.
- Attach guidelines to the bow eye and stern tie-down cleats to control movement of the boat during lifting.
- Remove all people and all cargo from the boat. Drain any excess water from the bilge using the bilge pump.
- Be sure all people are standing clear, then lift boat slowly and just far enough to verify that the boat is securely held and properly balanced. If necessary, lower the boat again and adjust the slings.
- When ready, lift the boat slowly and carefully.

TRAILERING

The manufacturer of your trailer has provided you with a vehicle designed for many years of convenient, trouble-free service. It is up to you to use and care for it properly, to be sure that it will perform safely and satisfactorily. Instructions on how to do this are included in the trailer owner's manual. Read, learn, understand and act on the information included in this important book. Proper trailer maintenance and safety procedures are essential to safe and enjoyable trailering.



WARNING

Read, understand and follow the instructions for trailer ownership and use in the trailer owner's manual included with your Skeeter owner's package.



GLOSSARY OF TERMS

ABOARD – On or in the boat.

ABYC – American Boat and Yacht Council, Inc.

AFLOAT – On the water.

AFT – Toward the rear or stern of the boat.

AGROUND – Touching bottom.

AMIDSHIP – Center or middle of the boat.

ANCHOR – (1) An iron casting shaped to grip the lake bottom to hold the boat. (2) The act of setting the anchor.

ASHORE – On the shore.

ASTERN – Toward the stern.

BAIL – To remove water from the bottom of the boat with a pump, bucket, sponge, etc.

BAITWELL – A miniature livewell used to store and keep live bait alive and healthy.

BEAM – The widest point on the boat.

BEARING – Relative position or direction of an object from the boat.

BILGE – The lowest interior section of the boat hull.

BILGE KEELS – The raised areas or aluminum extrusions on the bottom of a boat that parallel the keel.

BOARDING – To enter the boat.



GLOSSARY OF TERMS

BOUNDARY WATERS – A body of water between two areas of jurisdiction; i.e., a river between two states.

BOW – The front of the boat.

BULKHEAD – Vertical partition (wall) in a boat.

BUNKS – Carpeted trailer hull supports.

BURDENED BOAT – Term for the boat that must “give-way” to boats with the right-of-way.

CAPACITY PLATE – A plate that provides maximum weight capacity and engine horsepower rating information.
It is located in full view of the helm.

CAPSIZE – To turn over.

CAST-OFF – To unfasten mooring lines in preparation for departure.

CENTER LINE – A lengthwise imaginary line which runs fore and aft with the boat’s keel.

CHINE – The point on a boat where the side intersects (meets) the bottom.

CLEAT – A deck fitting with ears to which lines are fastened.

CONSOLE – Also called helm. The steering wheel area of the boat.

CRANKING BATTERY – The main battery used for engine starting and electrical circuits.

CURRENT – Water moving in a horizontal direction.

DECK – The open surface on the boat where the passengers walk.



GLOSSARY OF TERMS

DEEP CYCLE BATTERIES – Special long-running batteries which can be repeatedly discharged and recharged without significant loss of power.

DOLLY WHEEL – A rolling jack assembly at the front of the trailer used for positioning the coupler during trailer hookup.

DRAFT – The depth of the boat below the water line, measured vertically to the lowest part of the hull.

ELECTROLYSIS – The break-up of metals due to the effects of galvanic corrosion.

FATHOM – Unit of depth or measure; 1 fathom equals 6 feet.

FENDERS – Objects placed alongside the boat for cushioning. Sometimes called bumpers.

FORE – Toward the front or bow of the boat. Opposite of aft.

FREEBOARD – The distance from the water to the gunwale.

FUEL SENDING UNIT – The electrical device that is mounted on the outside of a built-in fuel tank and controls the dashboard fuel gauge.

GIVE-WAY BOAT – (1) Term for the boat that must take whatever action necessary to keep well clear of the boat with the right-of-way in meeting or crossing situations. (2) The burdened boat.

GUNWALE – The rail or upper edge of a boat's side.

HEAD – A marine toilet.

HELM – The steering wheel or command area.

HULL – The body of the boat.



GLOSSARY OF TERMS

- HYPOTHERMIA** – A physical condition where the body loses heat faster than it can produce it.
- IN-LINE FUSE** – A type of protective fuse located in the power wire of a direct current (DC) circuit usually near the battery.
- KEEL** – The lowest portion of the boat; extends fore and aft along the boat's bottom.
- LIST** – Leaning or tilt of a boat toward the side.
- MAKING WAY** – Making progress through the water.
- MARINE CHART** – Seagoing maps showing depths, buoys, navigation aids, etc.
- MOORING** – An anchor, chain, or similar device that holds a boat in one location.
- NAVIGATION AID** – Recognizable objects on land or sea such as buoys, towers or lights which are used to fix position to identify safe and unsafe waters.
- NMMA** – National Marine Manufacturer's Association
- NO-WAKE SPEED** – The speed at which a boat travels to produce an imperceptible wake.
- PFD** – Personal flotation device.
- PITOT TUBE** – See SPEEDOMETER PICKUP TUBE.
- PLANING HULL** – A hull designed to lift, thereby reducing friction and increasing efficiency.
- PORPOISE** – A condition in which the bow bounces up and down caused by trimming the engine too far out.
- PORT** – (1) The left side of a boat when facing the bow. (2) A destination or harbor.



GLOSSARY OF TERMS

PRIVILEGED BOAT – Term used for the boat with the right-of-way.

RIGHT-OF-WAY – Term for the boat that has priority in meeting or crossing situations. The stand on or privileged boat.

RULES OF THE ROAD – Regulations for preventing collisions on the water.

SPEEDOMETER PICKUP TUBE – Also called pitot tube. The plastic device that extends below the bottom of the boat. It connects to the speedometer with plastic flexible tubing.

SPLASHWELL – The section of an outboard-equipped boat that is just forward of the transom.

STAND ON BOAT – Term for the boat that must maintain course and speed in meeting or crossing situations. The privileged boat.

STARBOARD – The right side of the boat when looking towards the bow.

STERN – The back of the boat.

STOW – To pack the cargo.

SURGE BRAKES – A type of trailer braking system designed to automatically actuate when the tow vehicle's brakes are applied.

TRANSDUCER – The unit that sends/receives signals for the depth sounder.

TRANSOM – The transverse beam across the stern.

TRIM – Fore to aft and side to side balance of the boat when loaded.



GLOSSARY OF TERMS

UNDERWAY – Boat in motion; i.e., not moored or anchored.

USCG – United States Coast Guard

WAKE – The waves that a boat leaves behind when moving through the water.

WATERWAY – A navigable body of water.

V-PAD – A modified vee hull design with a small, flat area in the keel aft.

VISUAL DISTRESS SIGNAL – A device used to signal the need for assistance such as flags, lights and flares.



FLOAT PLAN

Copy this page and fill out the copy before boating. Leave the filled out copy with a reliable person who can be depended upon to notify the USCG or other rescue organization, should you not return as scheduled. Do not file this plan with the USCG.

Name _____ Telephone _____

Description of Boat: Type _____ Color _____ Trim _____

Registration Number _____

Length _____ Name _____ Make _____

Other Info. _____

Persons Aboard: Name	Age	Address & Telephone
_____	_____	_____
_____	_____	_____
_____	_____	_____

Engine Type: _____ HP _____

No. of Engines: _____ Fuel Capacity: _____





Survival Equipment:

PFDs _____ Flares _____ Mirror _____ Smoke Signals _____

Flashlight _____ Food _____ Paddles _____ Water _____

Anchor _____ Raft or Dinghy _____ EPIRB _____

Radio: Yes _____ No _____ Type _____ Freq _____

Destination _____ Est. Time of Arrival _____

Expect to Return By _____

Auto Type _____ License No. _____ Parked _____

If not returned by _____ call the Coast Guard, or _____

(Local Authority). Coast Guard Telephone Number: _____

Local Authority Telephone Number: _____



TO VALIDATE WARRANTY – RETURN WITHIN 15 DAYS

WARNING: FAILURE TO VALIDATE WARRANTY CAN RESULT IN NO WARRANTY!!!

LIMITED WARRANTY

Skeeter Products, Inc. P.O. Box 230, Attn: Warranty Repair Department located at One Skeeter Road, Kilgore, TX, 75662, warrants its new boats from defects in material and workmanship under the normal use and service during the period specified below for the type of defect indicated.

STRUCTURAL DEFECTS: Those defects in material or workmanship of the internal strength providing framework of the boat such as transoms, stringers, or other like internal structure, for the duration of ownership of the first retail purchaser.

NON-STRUCTURAL DEFECTS: Those defects in material or workmanship of the cosmetic appearance of the boat such as finish, carpet or other like cosmetic attachments, or options providing for convenience such as livewells, rod boxes, or like constructed items, or other factory installed accessories and not covered by the supplying manufacturers' expressed or implied warranties but not to exceed those warranties, for one (1) year from the date of delivery to the first purchaser from the dealer. This warranty is given only to the first purchaser from the dealer. No warranty is given to subsequent transferees. These warranty provisions are a complete and exclusive statement of the terms of the agreement between the buyer and seller. During the warranty period specified above, Skeeter Products will repair at its factory such boats returned to it (with transportation charges prepaid) as its examination shall disclose to its satisfaction to have been thus defective – provided that it receives the applicable boat registration card within thirty (30) days from the date within one (1) year from the date the

defect is discovered or could reasonably have been discovered, and not afterwards. Skeeter Products does not authorize anyone to assume for it any liability in connection with the sale of its products. If the repair requires the boat to be derigged and requires derigging, Skeeter Products will derig and rig the boat at a charge to the purchaser, which must be paid before the boat will be returned. After repair, the boat will be returned to the purchaser freight collect.

This warranty does not apply to:

- (1) engine, out drives, controls, batteries, trailers, or other equipment or accessories carrying their own individual warranties (appropriate adjustments to them being provided by their respective manufacturers)
- (2) installation of engines or accessories installed by others
- (3) gel coat or metal flake cracks
- (4) gel coat fading
- (5) upholstery damage
- (6) any boat which has been altered, subjected to misuse, negligence, or accident, or used for racing purposes
- (7) any boat which has been overpowered according to the maximum BIA and U.S. Coast Guard recommended engine horsepower specifications on the capacity plate provided on the boat
- (8) failure to perform periodic maintenance in accordance with Skeeter recommendations. Skeeter boats contain flotation material; however, no boat is unsinkable. Therefore, life preservers should be carried for each passenger in accordance with U.S. Coast Guard requirements.

This warranty shall apply in accordance with the law of the State of Texas. EXCEPT AS EXPRESSLY STATED ABOVE NO WARRANTY IS GIVEN WHETHER EXPRESS OR IMPLIED. NO IMPLIED WARRANTY OF MERCHANTABILITY OF FITNESS FOR ANY PARTICULAR PURPOSES IS GIVEN. IF ANY IMPLIED WARRANTY IS DETERMINED TO EXIST, IT SHALL APPLY ONLY FOR 6 MONTHS AFTER THE DATE OF DELIVERY TO THE FIRST PURCHASER FROM THE DEALER. SKEETER PRODUCTS SHALL NOT IN ANY MANNER BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGE RESULTING FROM ANY DEFECTS IN ITS BOATS OR FROM A BREACH OF THIS WRITTEN LIMITED WARRANTY, INCLUDING ANY IMPLIED WARRANTIES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitations of incidental or consequential damages. So the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

This is Your
WARRANTY STATEMENT
Please Retain For Your Records

DATE OF PURCHASE: _____

