Thanks for purchasing an Escape® Deck Boat from Johnson Outdoors. We’re thrilled to bring you this innovative, electric-powered boat, designed to reconnect you to the water and share that magic with the ones you love.

Before using your Deck Boat, please take time to read through this manual and familiarize yourself with the boat. Then keep the manual in a handy place for future reference.

We hope you enjoy your boat for many years to come.

See you on the lake,

Sandy Spielmaker, General Manager
Johnson Outdoors Watercraft - Sport and Leisure Group
Escapewatercraft.com
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**Escape Manual**

Provided by EscBoats.com
RECORDS, REGISTRATION, AND WARRANTY

Records
Please record the following information for future reference.

Serial Number (HIN): ____________________________

Date of Purchase: ______________________________

Purchased From: _________________________________

Registration
Before using your boat, check with your dealer or state licensing bureau to see if you need to register it. If you need to apply registration decals, clean the area with alcohol and allow it to dry before adhering the decals.

LIMITED WARRANTY (Consumer Use)

TO WHOM DOES THIS WARRANTY APPLY?
JOHNSON OUTDOORS INC. ("JOHNSON OUTDOORS") extends the following limited warranty to the original retail (CONSUMER) purchaser only. Warranty coverage terminates if the original retail purchaser sells or transfers the boat.

WHAT DOES THIS WARRANTY COVER?
This limited warranty covers material defects in workmanship and materials in your new Escape Electric Deck Boat. In addition, this limited warranty covers material defects on component parts and accessories, including factory installed electric motors.

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HOW LONG COVERAGE LASTS.
The limited warranty coverage lasts for two (2) years from the date of your original retail purchase. For component parts and accessories, including factory installed electric motors, the limited warranty coverage lasts for one (1) year from the date of your original retail purchase.

WHAT JOHNSON OUTDOORS WILL DO.
If within the warranty period, the boat is proven to Johnson Outdoors' reasonable satisfaction to have a material defect in workmanship or materials covered by this warranty, as Johnson Outdoors' sole and exclusive obligation and your sole and exclusive remedy, Johnson Outdoors shall, at its option, repair or replace the boat through an authorized dealer. In order to be covered by this warranty, any such repair must be performed within the warranty period.

This warranty covers replacement of parts and labor directly associated with the defect at an authorized dealer's facility and does not include any cost or expense of returning the boat and/or part to/from the authorized dealer. All risks associated with these delivery processes are your responsibility.

You must provide the Johnson Outdoors authorized dealer with written notice of the alleged defect within 10 days after you discover the defect. Include proof of purchase with your notice.

WHAT THIS WARRANTY DOES NOT COVER.
This warranty does not extend to or apply to any product that is used for rental or other commercial use, nor any boat that has been subject to misuse, modification, abnormal use, abuse, damage due to environmental or natural elements, failure to follow JOHNSON OUTDOORS' instructions, unauthorized repair, incorrectly performed maintenance or repair, improper storage, negligence, accident or damage resulting from use of motors in excess of rated horsepower. In addition, the warranty does not cover any damage caused by operation of the boat in extreme weather and sea conditions. Damage to the hulls and/or structure determined by Johnson Outdoors to have been caused by either electrolysis or improper trailering of the boat will not be covered under this warranty.
JOHNSON OUTDOORS SHALL NOT BE LIABLE TO YOU, OR TO ANYONE CLAIMING UNDER YOU, FOR ANY OTHER OBLIGATIONS OR LIABILITIES, INCLUDING, BUT NOT LIMITED TO, OBLIGATIONS OR LIABILITIES ARISING OUT OF BREACH OF CONTRACT OR WARRANTY, NEGLIGENCE OR OTHER TORT OR ANY THEORY OF STRICT LIABILITY WITH RESPECT TO THE BOAT OR JOHNSON OUTDOORS' ACTS OR OMISSIONS OR OTHERWISE. THE EXPRESS WARRANTIES DESCRIBED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES. FOR COMMERCIAL PRODUCTS, ALL WARRANTIES IMPLIED BY LAW, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURCHASE, ARE DISCLAIMED AND SHALL NOT APPLY. FOR CONSUMER PRODUCTS, WARRANTIES IMPLIED BY LAW, INCLUDING WITHOUT LIMITATION, THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE PERIOD OF THE WARRANTY STATED ABOVE.

Any assistance Johnson Outdoors or its dealer provides to or procures for you outside the terms, limitations or exclusions of this warranty will not constitute a waiver of the terms, limitations or exclusions of this warranty, nor will such assistance extend or revive the warranty period.

LIMITATION ON DAMAGES.
IN NO EVENT SHALL JOHNSON OUTDOORS INC. BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL OR OTHER DAMAGES. Without limiting the foregoing, Johnson Outdoors assumes no responsibility for loss of use of a boat, loss of time, inconvenience or other damage or otherwise including, but not limited to, mechanic's travel time, in and out of water charges, telephone charges, trailering or towing charges, rental of another boat during the time warranty repairs are being performed, travel, lodging or damage to personal property or loss of revenue. JOHNSON OUTDOORS' AGGREGATE LIABILITY WITH RESPECT TO A DEFECTIVE BOAT SHALL BE LIMITED TO AN AMOUNT EQUAL TO YOUR ORIGINAL PURCHASE PRICE PAID FOR THAT BOAT.
SAFETY WARNINGS

For the safety of yourself and your passengers, please observe these guidelines when using your Deck Boat (Cruz)™.

• Know and follow all applicable boating regulations.
• Have a U.S. Coast Guard-approved personal flotation device (PFD) for each person on board. Children should always wear their PFDs when on board.
• Review the maximum capacity of the boat and make sure your passengers and gear are within the limits.
• Always stay clear of moving propeller.
• Do not use the motor near swimmers or bystanders.
• Review and follow battery guidelines listed in this manual.
• Be aware of other boats.
• Use good judgment regarding water and wind conditions.
• Avoid boating in weeds as much as possible.
• Watch your step. Wet surfaces can be slippery.
• Do not use alcohol or other mind-altering drugs while operating this boat.
BOAT OVERVIEW

IMPORTANT: Please read the entire Owner's Manual before using your Electric Deck Boat (Cruz™).

• The Deck Boat (Cruz™) has electric propulsion so boating is easy; just turn the key and go. No gas, no oil, and almost no noise.
• The electric propulsion system features the E-Drive by MinnKota®, the leaders in marine electric power. The E-Drive features power trim, keyed power switch, throttle, and power indication.
• It uses four deep cycle 12V DC batteries (not included) and has two built-in 20-amp battery chargers. Simply plug in to recharge.
• Built-in electrical systems include: navigation lights, courtesy floor lighting, AM/FM Stereo CD player. (See radio owners manual)
• The hull and deck are molded from a combination of Centrex® and ABS plastics. The hull and deck are virtually maintenance free, colorfast, and will retain their high gloss for years if cleaned on a regular basis.
• The materials of all other components on your Deck Boat (Cruz™) were selected for their resistance to corrosion in harsh marine environments:
  • The entire railing system is welded stainless steel
  • All fasteners are either aluminum or stainless steel
  • Canopy material is a vat dyed acrylic for resistance to mildew, fading and tearing and enclosed in a weather-protective boot.
  • An entertainment table is included to make cruising and entertaining easy.
  • The canopy is included for sun protection.
• This boat is manufactured to National Marine Manufacturer's Association (NMMA) construction and safety standards. The pontoons are foam filled for flotation.

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BOAT OVERVIEW

Forward/Reverse 2-way helm seat
Stem light
E-drive electric propulsion by MinnKota®
Battery compartment w/ two 20 AMP chargers
Drink holders
Each pontoon is filled w/ closed cell flotation foam
Canopy with boot
AM/FM Stereo CD Player
Captain's console with steering wheel, throttle, key start switch & battery charge indicator
Swivel Chairs
Stowable snack table
Captain's console with steering wheel, throttle, key start switch & battery charge indicator
Boarding gate
Stowable snack table
Swivel Chairs
Battery compartments
Comfortable padded seating
Welded stainless steel safety rail
Mooring Cleats
Navigation lights
Bow boarding gate

SPECS:
Length: 13'
Beam: 6.5'
Weight: 750 lbs.
Capacity: 800 lbs.
Speed: 5+ mph
Run Time: Up to 8 hours
Electrical: 48 volt (4 batteries)
Warranty: 2 years

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MOTOR INFORMATION
MinnKota® E-Drive Electric Propulsion System

48V DC Electric Motor
The Deck Boat (Cruz)™ is powered by a 48V DC E-Drive electric MinnKota® motor. The MinnKota E-Drive, 48V DC motor is controlled by a Pulse Width Modulating Control. In other words, instead of a continuous flow of electrical power from the batteries, the control "pulses" electrical current to the motor. The benefits of this control system are:
• Increased energy efficiency.
• Cooler motor operating temperatures resulting in longer motor life.

Controller
The MinnKota® E-Drive features a controller located at the captain's console. The controller has:
• Throttle Control Lever
• Trim Up/Down Switch
• Master On/Off Key Switch
• LCD Display
The motor is controlled by a "forward,""neutral," and "reverse" throttle lever. NOTE: The higher the speed setting, the faster the battery power will be used.

NOTE: The MinnKota™ E-Drive motor is for fresh water use only. Using in salt or brackish water will void warranty.

For more information on any of these features, please refer to the MinnKota® E-Drive Owner's manual.
ELECTRICAL SYSTEM OVERVIEW

The Deck Boat (Cruz)™ has both a 48V DC and a 12V DC electrical system. Only the motor and helm battery monitor operate on 48V DC. All other components (lights, pumps, radio/CD) operate on 12V DC.

Refer to the diagram and written instructions on the underside of the starboard (driver's side) seat cushion for battery installation and wiring connections.

BATTERY INFORMATION

Battery Selection

The Deck Boat (Cruz) requires four, 12V DC, Deep Cycle RV/Marine batteries. They should be size Group 27 and have 105 to 165 amp hours of capacity each. AGM (Absorbed Glass Mat) batteries that are 105 amp hours to 165 amp hours will also work well. AGM batteries are sealed and have longer power life.

It's important to use a true “deep-cycle” battery instead of a “hybrid” or “starter battery.” Deep-cycle batteries are designed for long life through many cycles of charging/re-charging.

DO NOT USE AUTOMOTIVE OR CAR BATTERIES.

You can purchase deep cycle marine/RV batteries and AGM batteries from your dealer or anywhere 12V DC batteries are sold. HINT: The higher the amp/hour rating of the batteries, the longer their overall runtime.

NOTE: New batteries are not necessarily fully-charged when you purchase them. After you install the batteries, plug in the charger (located under the starboard helm seat) and charge the batteries for several hours to ensure they are fully-charged before your first excursion.
Battery Installation

Install four batteries in the battery compartments; two in the starboard (driver's) side and two in the port side (passenger) compartment. See the wiring diagram for battery hook up information.

NOTE: Do not store any gear, tools, rope etc. in the battery compartments.

START CONNECTING THE BATTERY CABLES ON THE PORT / LEFT SIDE OF THE BOAT. BE SURE TO TAPE THE ENDS OF THE BATTERY CABLES ON THE STARBOARD / RIGHT SIDE TO PREVENT THEM FROM TOUCHING WHILE YOU CONNECT THE PORT SIDE CABLES.

START ON PORT / LEFT / PASSENGER BATTERY COMPARTMENT!

PORT SIDE LEFT PASSENGER BATTERY COMPARTMENT

STEP A: PLACE BATTERY #1 IN PORT / LEFT COMPARTMENT AND HOOK UP CHARGER WIRES

STEP A1) Place one battery in the PORT / LEFT compartment. Place so that the NEGATIVE (\(-\)) terminal is toward the front/bow of boat. Push toward outside of compartment to allow room for battery #2.

STEP A2) Place one set of charger wires on battery #1 (BLACK to NEGATIVE (\(-\)) terminal, RED to POSITIVE (+) terminal).

STEP B: PLACE 48 VOLT MOTOR WIRES

STEP B1) Place RED / BLACK striped wire (coming from bow/front) to the NEGATIVE (\(-\)) terminal on battery #1. Place wingnut on terminal and tighten.

STEP B2) Place RED POSITIVE motor wire (coming from stern/rear) to the POSITIVE (+) terminal on battery #1. Place wingnut on terminal and tighten.

IMPORTANT: Please follow these instructions carefully to complete these procedures. You are working with LIVE current and carelessness can result in electrocution or equipment failure.
STEP C: PLACE BATTERY #2 IN COMPARTMENT AND HOOK UP CHARGER WIRES

**STEP C1)** Place battery #2 in same compartment with POSITIVE (+) terminal facing bowfront.

**STEP C2)** Place remaining charger wire set leads on battery #2 (BLACK to NEGATIVE (-) terminal, RED to POSITIVE (+) terminal).

STEP D: PLACE BLACK MOTOR WIRES

**STEP D1)** Place BLACK NEGATIVE wire (coming from bowfront) to POSITIVE (+) terminal on battery #2. Place wing nut on terminal and tighten.

**STEP D2)** Place BLACK NEGATIVE wire (coming from stem/rear) to NEGATIVE (-) terminal on battery #2. Place wing nut on terminal and tighten.

Port / Left Compartment is now complete. Move to starboard / right side of boat.

STEP E: PLACE BATTERY #3 IN STARBOARD COMPARTMENT AND HOOK UP CHARGER WIRES

**STEP E1)** Place battery #3 in STARBOARD / RIGHT compartment with POSITIVE (+) terminal towards bowfront of boat. Slide to outside of compartment.

**STEP E2)** Place one set of charger wires on to battery #3 (BLACK to NEGATIVE (-) terminal, RED to POSITIVE (+) terminal).

STEP F: PLACE RED / BLACK STRIPED WIRE

**STEP F1)** Place RED / BLACK STRIPED #8 gauge wire (coming from bowfront) to POSITIVE (+) terminal on battery #3. Place wing nut on terminal and tighten.

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STEP G: PLACE BATTERY #4 IN STARBOARD COMPARTMENT AND HOOK UP CHARGER WIRES

STEP G1) Place battery #4 in compartment with NEGATIVE (-) terminal towards bowfront.
STEP G2) Place remaining set of charger leads to battery #4 (BLACK to NEGATIVE (-) terminal, RED to POSITIVE (+) terminal).

STEP H: PLACE SUPPLY WIRES ON BATTERY #4

STEP H1) Place BLACK, thin NEGATIVE 12-volt supply wire (coming from stern / rear) to NEGATIVE (-) terminal of battery #4. Place wing nut on terminal (to hold wires in place). Do not tighten.
STEP H2) Place RED, thin POSITIVE (+) 12-volt supply wire (coming from stern / rear) to POSITIVE (+) terminal on battery #4.

FOR WINTERIZING, please perform these procedures in reverse order. Please place electrical tape on ends of the two wires coming from the front/bow of the starboard / right / driver’s side compartment after removing them from the terminals. This will keep them from touching and causing a possible short as you’re disconnecting the remaining wires.
Battery Life

Minimizing the use of the highest speed setting will significantly extend your run-time before the batteries need to be recharged. It also extends the life of the motor itself.

Here are very approximate run-time using four Group 27 Series 12V DC, deep cycle batteries before experiencing a noticeable loss of performance:

**Setting**
- Low Speed: 4 - 4.5 hours
- Medium Speed: 3.5 - 4 hours
- Top Speed: 2-3 hours

**NOTE:** Run time will vary significantly with wind and water conditions.

Battery Maintenance

**CAUTION:** Do not smoke or allow open flames when you are working near the batteries – the gas that escapes batteries is explosive.

"Maintenance" does not refer to charging. It refers to maintaining the proper amount of distilled water in the battery cells and ensuring that the battery terminals are kept clean and free of corrosion.

Unless water levels within these cells are maintained at the recommended levels, permanent damage to the battery can occur.
If you have standard deep cycle marine batteries (not AGM), check your batteries at least once a week to ensure that cells are filled to their proper level. Here’s how to do it:

1. Remove the seat cushions to get at the batteries.
2. Remove each cap and visually check for the level of electrolyte (liquid) in each cell.
3. If it is below the bottom of the fill neck, add distilled water to the bottom of the fill neck. DO NOT USE TAP WATER, WELL WATER, OR “SPRING” WATER. Use only distilled water (available in most grocery stores).
4. Make sure the plates are completely covered with solution. If you accidentally overfill the cells, the solution will spill out the vents. BE CAREFUL NOT TO OVERFILL: This solution is an acid and very corrosive, easily causing burns on the skin and holes in clothing. Rinse all spilled solution from the battery compartment and from your hands with water.

**NOTE:** Absorbed Glass Mat (AGM) batteries are sealed. They do not require that the cells are refilled.

**Battery Charging**

One of the most convenient features of the Deck Boat (Cruz)™ is its built-in MinnKota® Onboard battery chargers. On board battery chargers are located under the helm seats.

For detailed instructions on use, please refer to the MinnKota® Owner’s Manual for Onboard Battery Chargers.

**SPECIAL NOTE:** Always keep the seat cushion installed over the battery compartment when changing. The compartment is designed with a notch in the side so the cushion will seat properly without pinching the cord.

**Battery Charge Checking**

The primary charge level indicator on the Deck Boat (Cruz)™ is located at the captain’s console on the LCD display. See E-Drive Owner’s Manual for detailed information.

**NOTE:** To take an accurate battery charge level reading, turn off all electrical devices, and wait 60 seconds before checking.
OPERATING YOUR DECK BOAT (CRUZ)™

Departure Checklist
The following checklist will help make certain all systems are safe and functioning before leaving on your excursion.
1. Unplug the battery charger, and secure any extension cord(s).
2. Check the battery monitor gauge at the helm before turning on any electrical system. Make sure the batteries are fully charged.
3. Make sure there are enough PFD’s (life jackets) for all passengers. Insist that all children and any adults who cannot swim wear PFD’s at all times.
4. Check the weather and wave conditions. The Deck Boat (Cruz)™ is not intended for use in high waves and high winds.
5. Check the motor / propeller. Make sure they are operable and free of weeds, debris, fishing line and other obstructions.
6. Ensure a safety kit is on board. This safety kit should contain: extra propeller and shear pin, extra fuses and a first aid kit.

Marine Rules and Regulations
Before launching your Deck Boat (Cruz)™, be sure you know relevant marine laws, rules and regulations that govern watercraft operation on your body of water and within your state.

Launching
When the Deck Boat (Cruz) is launched from a trailer, certain precautions should be taken to prevent damage to the boat or motor.
1. Make sure the motor is in the “UP” position.
2. Check the water depth. Make sure the water is deep enough to lower the motor and launch with the load you are carrying. The minimum water depth is 2 feet.
Operating the Deck Boat

1. Make certain your boat is in at least two feet of water.
2. Turn key to “ON” position.
3. Lower the motor with the power trim button on the controller.
4. Direction is controlled by the steering wheel.
5. Speed is controlled by the throttle control lever that has forward/neutral/ and reverse positions.

The higher the speed setting, the more amps (energy) the motor will draw from the batteries and the shorter the overall run time between battery recharges. Use high speed when you honestly want to go at maximum speed or are trying to overcome resistance from wind and/or current. Windy conditions offer resistance that the motor must overcome. Lowering the canopy will help reduce wind resistance and extend run times.
6. Be sure to check your battery charge level during your trip. Plan to be on the return leg of your trip before the charge level gets to 50%.
7. The navigation lights are controlled by a switch located near the stereo. The control switch has two positions:
   - Off
   - Navigation (both bow and rear lights on)

At dusk or dawn - and during the hours of darkness - the bow and rear (anchor light) light must be turned on when the boat is moving. If you are anchored or drifting, you must have just the rear light on.

NOTE: The anchor light must be plugged into the socket (see photo).

NOTE: Make certain the lights are not obstructed by gear or debris.
8. The courtesy light illuminates the floor, boarding areas and captains’ console controls. It is controlled by an on/off switch located near the stereo.

9. Watch for shallow water and underwater obstructions. Steer away from them or quickly raise the motor to the “up” position to avoid damaging the propeller or motor. Try to avoid thickly weeded areas. Weeds can foul the propeller and result in a loss of performance and an inefficient power use.

10. When you approach a dock or are going to beach the boat, aim the boat at a target point and use only enough speed to keep the boat moving in that direction. Use the boat’s momentum to carry it in the desired direction. Too much speed results in overshooting the target or hitting the dock - this could cause scraping of the hull surface.

11. When you leave the Deck Boat (Cruz) at a dock, use boat fenders or some other cushioning devices to prevent abrasion caused by the boat bumping against the dock. When mooring the boat by anchoring or attachment to a buoy, use the eyes (one at the bow; two at the stern) if possible. Otherwise, tie off to a cleat.

If the boat is left unused for more than a day, it is a good idea to cover the seats with the optional seat covers. As an alternative, you can also cover the entire boat with the mooring/storage cover.
## Entertainment Features

### Entertainment Table
The table is supported by a pedestal which fits in a socket on the underside of the table and into a floor socket. The table can be stored by hanging it from the stern rail stanchions (upright supports). Simply snap the rubber clips on the table to the rail stanchions. The top of the table will face the front of the boat. Then thread the pedestal through the elastic straps. The pedestal will help further secure the table to the rail stanchions.

### AM/FM CD Stereo
The AM/FM radio CD player is designed for rugged marine use. The electrical circuitry is protected by an in-line 3-amp fuse located behind the stereo body and on the fuse block. To access the fuse, remove the four screws holding the radio mounting panel and slide the radio out of its mounting hole. The in-line fuse is in the plastic capsule on the power lead (red) leading from the radio.

**NOTE:** Under certain operating conditions AM reception can be adversely affected by other electrical components causing interference in the form of static. This condition does not indicate a malfunction in your stereo.

### Floor Draining
There are three floor drains that channel water overboard from the deck. Two are located at the foot of the captain's console and one is under the carpeted floor at the bow. There is also a drain in each battery compartment. Be sure to periodically check these drains to make sure they are not blocked or covered with debris.

### Deck/Hull Draining
There is a drain plug at the rear of the boat to drain water that may accumulate between the deck and the top of the hull.

**NOTE:** Water cannot accumulate in the hulls because they are foam filled.

Raising the bow (12.5° or more is preferred) will drain the water. If raising the bow is not possible, remove the plug while the boat is floating. Put as much weight at the back of the boat as possible to help draining.

**NOTE:** It is important to ensure deck/hull has been drained, prior to winter storage, to prevent cracking.

**NOTE:** A small amount of water will remain inside. This is expected and normal.
TRANSPORTING YOUR DECK BOAT (CRUZ)

If you plan on frequently trailering the Deck Boat (Cruz) or storing it on a trailer, we strongly recommend purchasing the trailer that was specifically designed for it. Your dealer can order this trailer for you. If another trailer is used, ensure that all support bunks are at least 10 feet long, carpeted, and are made from 2” x 6” material turned wide side up. A minimum of two bunks supporting each pontoon are required.

Make certain to remove all seat cushions prior to transporting.

The trailer should have a minimum weight-carrying capacity of 800 lbs. Also the bow "V" block should be rotated so it is in a "<" position and catches the vinyl rubrail in its jaws. Do not put extreme pressure on the rope to secure the boat to the trailer. Securing the boat snugly is enough. There are two stainless steel eyes under the stern deck on either side of the rudder. Attach additional tie-down ropes or straps crossways to the trailer frame.

NOTE: Avoid beaching the boat on concrete or asphalt boat ramps. These surfaces can damage the boat.

Deck Boat (Cruz) can be powered up on a trailer only about halfway. Attempting to use the motor to push it on further may damage the propeller if it strikes the trailer frame.

Once the boat is partially positioned in the proper location on the trailer, raise the motor to the "UP" position and use the trailer winch to pull the boat into position. Remember, there is a stainless steel bow eye mounted on the centerline under the bow deck. Attach the winch rope only to the bow eye. Do not attach it to the mooring cleats or rail supports.

OFF-SEASON STORAGE

Drain the deck/hull. (see Deck/Hull Draining) It is important to ensure deck/hull has been drained, prior to winter storage, to prevent cracking.

NOTE: A small amount of water will remain inside the deck/hull space after draining. This is expected and normal.

Disconnect and remove the batteries and put them in a clean dry area for storage. Keep them fully charged and protect them from freezing.

Cover the boat to keep off dirt and debris.
SPRING CHECKLIST
Use this checklist prior to launching your Deck Boat (Cruz) at the beginning of each season.

BATTERIES
1. Perform battery maintenance per the manufacturer guidelines.
2. Clean the battery terminals with a wire brush to remove any oxidation.
3. Using the wire brush, also clean the battery connectors.
4. Apply a small amount of marine or electrical grease to the battery terminals to prevent corrosion during the boating season.
5. Re-attach the battery cables to the batteries and tighten securely.
6. Charge the batteries completely and test with a digital voltmeter to make certain the batteries are holding the charge. You may wish to charge and check the batteries prior to installing them in the boat.

LIGHTS, ETC..
1. After the batteries are charged, test all navigation and courtesy lights to ensure they are in working order.
2. Check the stereo to ensure proper operation.

MOTOR
1. Clean any fishing line, weeds or other debris from the shaft and/or propeller. Remove the propeller if necessary.
2. Make sure the motor turns freely.
3. Turn the motor on for a few seconds in forward and reverse to be sure the unit functions properly. Do not run the motor longer than a few seconds out of water as it will start to erode the shaft seal causing the seal to leak.
4. Raise and lower the motor.

REMEMBER: The electrical system is the heart of your Cruz™ boat. The better the condition of the wiring, batteries and connections, the better the boat will perform.
Escape® Deck Boat (Cruz™)
12 VOLT WIRING SCHEMATIC

PORT SIDE
(Passenger Side)

BATTERY
0 -
0 +

BATTERY
0 -
0 +

STARBOARD SIDE
(Driver's Side)

BATTERY
0 -
0 +

BATTERY
0 -
0 +

BOW LIGHT

COURTESY LIGHTS

STEREO
CD PLAYER

3 AMP FUSE

SWITCH

12 VOLT

FUSE BLOCK

SWITCH

REMOVABLE
STERN LIGHT

FUSE BLOCK
LOCATION

CHARGER

CHARGER

FUSE BLOCK
LOCATION

3/10/05

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## TROUBLESHOOTING BASICS

### PROBLEM: Motor won’t run.

<table>
<thead>
<tr>
<th>Potential Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Dead or low batteries</td>
<td>Fill batteries with distilled water and charge batteries</td>
</tr>
<tr>
<td>• One dead battery</td>
<td>Check wiring connections and cables, if loose or corroded clean and tighten</td>
</tr>
<tr>
<td>• Radio or lights left on</td>
<td>Check fuses on charger circuits, and replace if needed</td>
</tr>
<tr>
<td>• Loose, corroded or broken wires or connections</td>
<td></td>
</tr>
<tr>
<td>• Blown fuse in charger circuit</td>
<td></td>
</tr>
<tr>
<td>Faulty controller or motor</td>
<td>Call MinnKota® customer service @ 1-800-227-6433 for repair options or contact your dealer</td>
</tr>
</tbody>
</table>

### PROBLEM: Motor runs sluggishly.

<table>
<thead>
<tr>
<th>Potential Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weeds, fishing line or other debris caught on prop</td>
<td>Lift motor and remove debris. <strong>Be sure power is shut off before clearing prop</strong></td>
</tr>
<tr>
<td>Batteries not charged fully</td>
<td>Recharge batteries. Be sure battery connections are clean and tight</td>
</tr>
<tr>
<td>Loose or corroded battery connections</td>
<td>Clean and tighten battery connections. Re-charge batteries if needed</td>
</tr>
</tbody>
</table>
### PROBLEM: Battery charger not charging.

<table>
<thead>
<tr>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batteries and chargers not installed properly</td>
<td>Re-attach batteries and chargers (See 48V wiring schematic)</td>
</tr>
<tr>
<td>Charger malfunction</td>
<td>See Charger Owner's Manual, call MinnKota® customer service @ 1-800-227-6433 or contact your dealer</td>
</tr>
</tbody>
</table>

### PROBLEM: Batteries won’t reach full charge.

<table>
<thead>
<tr>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessories left on</td>
<td>Turn off accessories and recharge</td>
</tr>
<tr>
<td>• If drained below 7 volts</td>
<td>• Remove battery and charge on alternate battery charger then re-install in boat</td>
</tr>
<tr>
<td>Battery electrolyte low</td>
<td>Check battery. Add distilled water. Recharge</td>
</tr>
<tr>
<td>Defective battery(ies)</td>
<td>Replace with new battery(ies)</td>
</tr>
<tr>
<td>Loose battery cables or corroded</td>
<td>Clean and tighten cables</td>
</tr>
</tbody>
</table>

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**Escape Manual**
**Provided by EscBoats.com**
PROBLEM: AM/FM CD won't work.

<table>
<thead>
<tr>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inline fuse blown behind radio</td>
<td>Remove radio, replace fuse, plug in antenna, re-install radio (see radio section)</td>
</tr>
<tr>
<td>Antenna unplugged or has bad connection</td>
<td>Check connection and re-attach if needed</td>
</tr>
</tbody>
</table>

PROBLEM: Courtesy lights or navigation lights not working.

<table>
<thead>
<tr>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulbs blown</td>
<td>Replace bulbs</td>
</tr>
</tbody>
</table>

PROBLEM: Won't steer properly.

<table>
<thead>
<tr>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor not lowered into “Run” position</td>
<td>Lower motor</td>
</tr>
<tr>
<td>Weeds or other debris caught on prop or motor</td>
<td>Raise motor, remove debris. <strong>Be sure power is off before clearing prop</strong></td>
</tr>
</tbody>
</table>

For additional help or to schedule service, please contact your dealer. You may also call our customer service department at 1-800-552-6287 or email us at web_contact@jowatercraft.com.

Please contact us at EscBoats.com for additional help.
Email us at escboatre refurb@gmail.com

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AVAILABLE ACCESSORIES

Boat Cover
The Deck Boat (Cruz)™ mooring cover is made from Outdura® material. This synthetic, heavyweight, marine-grade cloth carries a one-year warranty from the manufacturer against rotting and fading and is considered the best boat cover available today. The cover comes complete with three support poles and snaps for installation around the entire perimeter of the boat. Color: Blue.

Seat Cover Set
The Deck Boat (Cruz)™ seat covers are also made from Outdura® material. The covers are sold as a complete set that includes five (5) separate pieces: two (2) covers for the front swivel chairs, two (2) covers for the side seat modules, and one (1) console cover. The covers are held in place with stainless steel snaps. Color: Blue

Swim Ladder
The three-step swim ladder hooks over the side of the boat. The ladder folds up for easy storage or hangs off the stern rail assembly.

Trailer
The trailer designed especially for the Deck Boat (Cruz)™ makes transporting your boat easy.

To order see your local dealer or go to www.escapewatercraft.com...

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