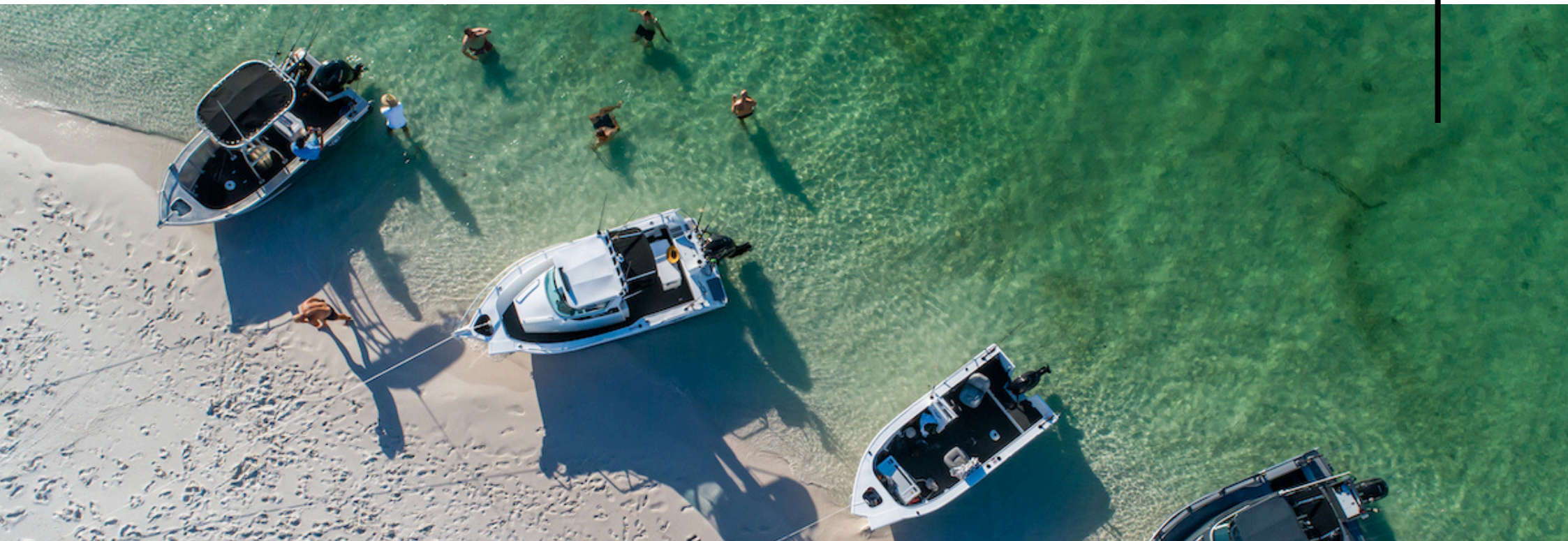




MAKOCRAFT

OWNER & MAINTENANCE MANUAL



OVER 50 YEARS OF BOAT MANUFACTURING, DESIGN & INNOVATION

ABOUT US

In 2025, Makocraft proudly celebrated 20 years of building premium aluminium boats purpose-built for Australian conditions, backed by more than 50 years of combined boat manufacturing, design and innovation expertise.

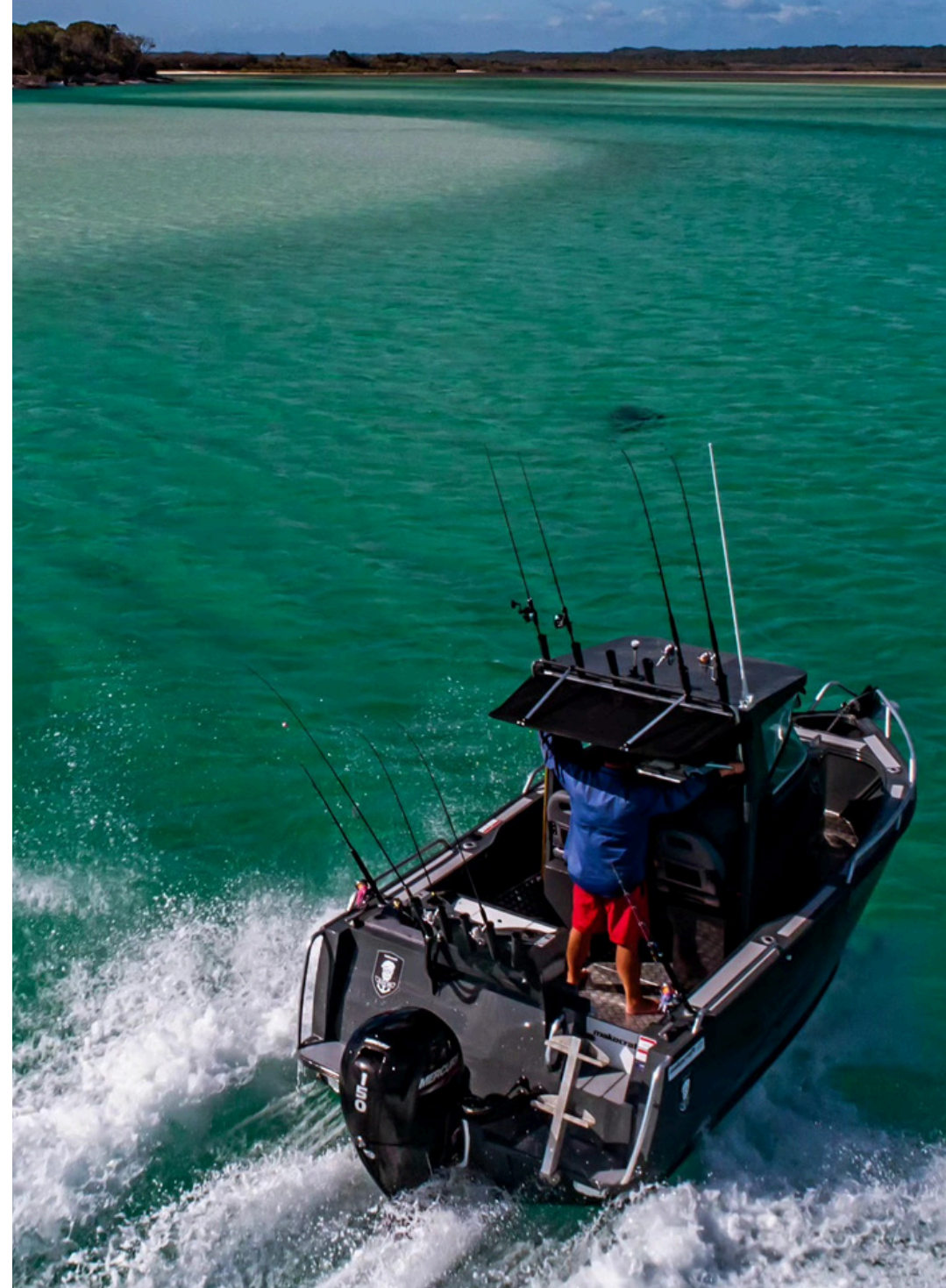
Your Makocraft has been engineered to perform in some of the most demanding waterways in the world and represents decades of refinement, hands-on industry knowledge and an uncompromising commitment to quality.

We thank you for choosing our brand and welcome you to the Makocraft community.

Welcome aboard.

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OWNER RESPONSIBILITY STATEMENT

This manual has been prepared to guide you in the safe operation and proper care of your new Makocraft boat.

With over 20 years of experience building premium aluminium boats for Australian waters, supported by more than 50 years of combined design and manufacturing expertise, Makocraft places the highest priority on safety, performance, and reliability.

It is the responsibility of the boat owner and operator to read this manual thoroughly, follow all instructions, and observe safe boating practices at all times. Operators must also be familiar with common boating and nautical terminology, including navigational language, commands, and standard expressions used in Australian waters. Familiarity with these terms is essential for safe and effective vessel operation.

Owners are strongly advised to complete and return all warranty documentation supplied with the boat, motor, and any auxiliary equipment. This ensures registration with the relevant manufacturers and maintains your entitlement to warranty coverage. Operating manuals for the engine, trailer, and electronic systems must also be read carefully. Even experienced operators should review these manuals, as they contain critical safety warnings and precise instructions for correct operation.

Modern engines are largely electronically controlled and include warning and fail-safe systems designed to protect both the vessel and its occupants.

It is essential that operators fully understand these systems, including all alarms and indicators, before using the boat.

For any difficulties or concerns, contact your Makocraft dealer immediately for expert guidance.



PREPARATION IS KEY

At Makocraft, every journey is designed to be safe, confident, and enjoyable. Success on the water begins with careful preparation.

Before departure:

- Check all safety equipment is on board
- Review the weather conditions
- Ensure sufficient fuel for your trip

Know Your Vessel

Before taking delivery, receive a full demonstration of your boat's systems from your Makocraft dealer. Understanding your vessel is essential for safe and confident operation.

Read the Manual

Pay attention to fuelling, loading limits, launching, docking, maintenance, warranty, and safety practices.

Safety Training

Complete a recognised boating safety course to improve your skills and confidence.

Practice Launching

Familiarise yourself with your boat and trailer in a safe area:

- Always have a lookout when reversing
- Raise the outboard to avoid obstacles
- Ensure all bungs are securely fitted

Shakedown Cruise

Take a short trial trip before any extended journey. Confirm all equipment is functioning correctly. For any issues, contact your Makocraft dealer.

Passenger Awareness

All operators and passengers must understand the vessel's systems and safety requirements before leaving the shore.



PREPARATION IS KEY cont'd

Mandatory Equipment

Safety is paramount. Australian law requires specific equipment on all vessels. Requirements may differ for inshore and offshore operations.

Operators must:

- Ensure compliance with local regulations
- Maintain all equipment in good working order
- Understand the correct use of every item

Essential equipment

- Personal Flotation Device (PFD) for each person; children must always wear one
- Distress flares
- EPIRB (Emergency Position Indicating Radio Beacon)
- Anchor with rope, shackles, and chain
- Fire extinguisher
- Torch or signalling device
- V-sheet
- Marine radio
- Bilge pump
- First aid kit
- Paddles
- Bucket
- Rope

Always prioritise safety. When in doubt, use your equipment. Makocraft vessels are engineered for performance and reliability, but the safety of everyone on board depends on preparation, knowledge, and vigilance.

Capacity Information

The maximum weight, passenger number, and engine horsepower ratings displayed on your Makocraft boat's capacity plate are determined for your safety. Failure to comply with these limits may result in loss of stability, capsizing, or injury to occupants, and can also void your warranty. Always ensure that your load, including passengers, gear, and fuel, does not exceed the stated limits. Adhering to these guidelines is essential for safe operation and optimal performance of your vessel.

Passenger Safety

The owner and operator are legally and morally responsible for the safety of all passengers aboard, as well as the safety of other water users. Passengers should be informed of their responsibilities, including wearing a properly fitted Personal Flotation Device (PFD) at all times and remaining seated while the vessel is moving.

Each occupant should know the location of all safety equipment and understand how to use it. At least one passenger should be instructed on basic boat operation in case of an emergency. Passengers must never sit on the gunwale, over the bow, on seat backs, or place hands or feet in the water while the boat is underway. Common sense and attention to safety will ensure that everyone enjoys a secure and enjoyable outing.

Operators must also comply with Australian boating laws, which require maintaining a proper lookout by sight and sound at all times. Ensure the operator's view is unobstructed; no passengers, gear, or fishing seats should block the line of sight when operating above idle speed.



THE ESSENTIALS

The safety and enjoyment of any outing on the water begins with careful planning. Before departure, consider the following key steps:

- **Check the Weather:** Review the latest forecasts and obtain regular updates during your trip.
- **Inform a Responsible Person:** Advise someone of your boating plans, intended route, and a detailed description of your vessel. If plans change, notify them immediately. Always report back when you return.
- **Marine Radio Ready:** Ensure your marine radio is fully operational. Do not rely on mobile phones for offshore distress communications, as reception may be unavailable.
- **Know Your Route:** Familiarise yourself with navigational aids, hazards, and potential obstacles along your planned course.
- **Operator Alertness:** Ensure all operators are free from alcohol or non-prescribed drugs.
- **Understand Your Boat:** Be aware of your vessel's capabilities and limitations, regardless of how favourable conditions may appear.

Proper preparation ensures a safer, more enjoyable experience and allows you to make the most of your time on the water with your Makocraft boat.

FUEL MANAGEMENT

Ensure your boat carries enough fuel for the planned duration of your trip, with an additional 50% reserve. Fuel consumption can increase significantly in rough conditions, so plan based on the most demanding conditions you may encounter. Any spare fuel should be stored in an approved container.

When refuelling, take care not to overfill the tank. Spilled fuel can damage paintwork and finishes, so always exercise caution to protect both your vessel and the environment.

Underfloor Fuel Tank

- **Safety First:** Before refuelling, ensure all electrical equipment is switched off and no items capable of producing sparks are nearby.
- **Filling the Tank:** The underfloor tank is filled via the through-hull fitting and is equipped with two breathers to allow a steady fill rate. Keep the fuel nozzle in contact with the fitting while filling to minimise static sparks. Replace the cap once the tank is full. Do not overfill; allow for fuel expansion, particularly on hot days.
- **Tracking Fuel Levels:** When filling from empty, note the number of litres added before the gauge moves from empty, and again at the halfway point. This helps accurately plan trips and understand your vessel's fuel capacity.
- **Spill Management:** Always clean up any fuel spills immediately. Spilt fuel can damage your boat's finish and create safety hazards.
- **Carrying Spare Fuel:** Carry additional fuel only in approved containers, stored securely in a safe location.
- **Refuelling Timing:** It is recommended to refuel on the way to the water rather than on return trips or before storage, as fuel can degrade over time.

Portable Fuel Tank

- **Safety First:** Switch off all electrical equipment and remove any potential spark sources before filling.
- **Tank Handling:** Remove the portable tank from the boat before refuelling.
- **Engine Requirements:** Follow your engine manual instructions if a petrol/oil mix is required.
- **Avoid Overfilling:** Leave space for thermal expansion of fuel on hot days.
- **Spill Management:** Clean any fuel spills before returning the tank to the vessel.
- **Ventilation:** Ensure vent screws or caps are open as required during engine operation.



WARNINGS

- **Fuel Type:** Do not use fuels containing alcohol or alcohol derivatives. These can damage marine fuel hoses and components, potentially causing leaks, fire, or explosion.
- **Flotation Material:** Petroleum-based products can affect the flotation material used in your Makocraft vessel. If any fuel is spilled inside the boat, inspect the flotation material before your next trip.

GETTING ON THE WATER

Loading and Weight Distribution

Proper weight distribution is critical to the safe and optimal performance of your Makocraft boat.

Concentrating too much weight in one area can negatively affect the vessel's handling, stability, and overall safety.

Take care when positioning items such as cooler boxes, portable fuel tanks, water containers, and other gear to maintain a balanced running attitude.

Passenger placement is equally important; shifts in passenger weight can alter the hull's planing angle. For this reason, passengers must not change seats while the boat is underway.



Important: Your vessel is fitted with a compliance plate indicating the maximum load capacity. This limit must never be exceeded, as exceeding it can compromise safety, performance, and may void your warranty. DO not use your boat as a trailer. Do not carry excess weight in the boat while trailering or travelling.

Trailering Your Makocraft

Before towing your Makocraft boat, it is essential to familiarise yourself with your trailer's owner's manual. For aluminium boats, trailers with skids are recommended, as they distribute the vessel's weight evenly and reduce wear.

Preventative maintenance is key to ensuring the longevity and safe operation of your trailer.

Key Guidelines:

- **Towing Regulations:** Ensure you understand and comply with all towing laws in your state.
- **Trailer Connection:** Always check that the trailer is securely attached to the towing vehicle. Inspect the coupling, safety chain, and lights before each journey – a double-check is recommended.
- **Vehicle Handling:** Towing affects vehicle behaviour. Maintain a safe following distance and allow extra braking distance at all times.
- **Towing Capacity:** Confirm that the combined weight of the trailer and boat does not exceed the towing capacity of your vehicle.
- **Securing the Boat:** Attach the bow to the winch using a cable, supplemented with a safety chain from the bow eye to the winch stand or trailer tongue. Secure the stern with suitable tie-down straps, these are typically supplied with your boat.
- **Loose Items:** Ensure all equipment and personal items are firmly stowed to prevent movement while underway.
- **Spare Wheel and Tools:** Always carry a spare wheel, tyre, and the tools required to change them if needed.
- **Lighting Checks:** Verify that all tail lights and indicators function correctly when connected to the towing vehicle.
- **Motor Support:** Use a motor support bracket to protect the outboard during transport.

Following these guidelines will help ensure safe, efficient, and trouble-free trailering.

LAUNCHING AND RETRIEVING YOUR MAKOCRAFT

Smooth and safe launching and retrieval are key to an enjoyable day on the water.

Follow these guidelines to ensure a safe and efficient experience:

Practice Before You Launch

- Familiarise yourself with backing your trailer in a safe area before arriving at the ramp.
- Always have a lookout when reversing to guide you and prevent accidents.

Pre-Launch Preparation

- Ensure all bungs are securely fitted.
- Verify that the boat is firmly attached to the trailer.

Launching Your Boat

- Before descending the ramp, disconnect the trailer lights to prevent electrical damage if the trailer becomes submerged.
- Attach a bowline to the boat's bow and maintain control while launching.
- Have passengers board the boat only after it is safely afloat.
- Before starting the engine, ensure it is in neutral and check for any fuel leaks.

Retrieving Your Boat

- Plan in advance who will handle the boat and who will manage the towing vehicle.
- The person securing the boat must be capable of doing so under the prevailing conditions.
- Confirm that the boat is properly positioned on the trailer and securely tied down before driving away.

Post-Trip Checks

- Remove all bungs.
- Double-check that the boat is secured to the trailer and vehicle according to the recommended procedures.

Following these steps will help ensure the safety of passengers, protect your vessel, and make launching and retrieving your Makocraft boat a straightforward and enjoyable part of your boating experience.



ON THE WATER – MANOEUVRING AND SAFETY

Safe and confident handling of your Makocraft boat begins with understanding how it behaves on the water.

Follow these guidelines to ensure a safe and enjoyable experience:

Boat Handling

- **Practice First:** When driving your boat for the first time, practice manoeuvring at slow speeds to become familiar with its handling characteristics. Remember, boats do not have brakes. To slow down, reduce speed below 10 km/h, or place the engine in reverse and gently apply power to stop forward movement.
- **Steering Principles:** Boats steer from the stern, not the bow. While a steering wheel may feel familiar like a car, the way a boat responds to weight and steering is very different. Weight distribution significantly affects the boat's "attitude" – how it sits and planes in the water.
- **Weight Management:** Keep weight as low and balanced as possible to maintain stability and improve handling.

Situational Awareness

- Always maintain a vigilant lookout for other craft, swimmers, and divers. The wake from your boat can affect smaller vessels and may cause capsizing. You are responsible for any damage caused by your wake.
- Accredited safe boating courses are highly recommended. These courses teach navigation rules, safe practices, and essential skills to make your time on the water safe and enjoyable.
- Never stand, kneel, or move around while the boat is underway. If someone must stand, avoid sudden speed changes that could cause loss of balance.

Ramp and Launching Procedures

- **Pre-Launch Checks:** Ensure all bungs are securely fitted, ropes are clear, and all equipment is safely stowed.
- **Courtesy on the Ramp:** Be considerate of other boaters; cooperation can be critical in case of assistance.
- **Launching the Boat:** Maintain a firm hold on the bowline while launching. Passengers should board only after the boat is afloat and the engine is running. Park your trailer in a safe and considerate location.

Tools, Spares, and Emergency Preparedness

- Carry essential tools and spare parts for minor repairs or breakdowns.
- Always carry safety equipment required by your State or Territory. A marine radio is recommended to communicate with shore in case of emergencies.

After Your Trip

- Wash your boat, equipment, and trailer with fresh water after exposure to saltwater or freshwater (avoid bore water).
- Flush your engine and rinse trailer wheels to remove salt and debris.
- Saltwater can damage electrical components; ensure all electronics are rinsed and checked after each outing.



PROTECTING YOUR MAKOCRAFT

Your Makocraft boat is built to deliver years of performance, but like any precision-engineered aluminium vessel, proper care is essential to protect its finish, integrity, and value.

Following these maintenance and cleaning practices will ensure your boat stays in peak condition.

Aluminium Oxidation and Corrosion

Aluminium naturally forms a thin protective oxide layer when exposed to air. This layer shields the metal from corrosion and is a normal part of aluminium's behaviour. Unlike iron, which rusts, aluminium is highly resistant to corrosion when properly maintained.

Paint or powder-coated surfaces may sometimes show bubbling or flaking. In most cases, this is due to oxidation beneath the coating or stray electrical currents (electrolysis) rather than a failure of the aluminium itself.

Electrolysis

Electrolysis occurs when stray electrical currents pass through the hull.

Common sources include:

- Engine or onboard wiring
- Shore power connections
- Trailer-mounted electric winches or marina power supplies

Aluminium contains small amounts of dissimilar metals; stray currents can react with these metals, causing paint to bubble or flake, or leaving a white powder on unpainted surfaces.

Factory-fitted sacrificial anodes and proper bonding on Makocraft boats help prevent this.

Practical Maintenance Guidelines

To preserve your Makocraft boat:

- **Rinse After Every Use:** Spray the boat with fresh water to remove salt, dirt, and chemicals. Avoid bore water where possible.
- **Wash Thoroughly:** Use ample fresh water and a soft sponge or car-washing brush to clean from top to bottom. This removes contaminants that can damage the paint coating and aluminium over time.
- **Avoid Harmful Substances:** Never clean your boat with carbon tetrachloride, nail polish remover, petrol, acetone, or harsh detergents.
- **Remove Contaminants Promptly:** Saltwater, dust, chemical residues, bird droppings, insects, old bait, sap, fuel spills, and loose lead sinkers or steel hooks should be washed off as soon as possible to prevent corrosion, discolouration, or stains.
- **Check Sacrificial Anodes and Wiring:** Inspect engine earth wiring and anodes regularly, replacing them if worn.
- **Battery Care:** Disconnect batteries during long-term storage.
- **Dry and Store Properly:** Store the boat in a dry location whenever possible. Inspect welds, fittings, and painted surfaces periodically, and address minor scratches or chips promptly.

By following these simple yet critical practices, your Makocraft will remain visually stunning, structurally sound, and ready for years of safe, high-performance boating.

PROTECTING YOUR MAKOCRAFT

ASSALT BOAT & JETSKI WASH



Back in 2020, Makocraft Owner, Tim Stessl, set out to fill a gap in the market: a premium, Australian-made wash that could remove salt safely while protecting boat finishes.

From that idea, ASSALT Boat & Jetski Wash was born, a bespoke salt remover and wax-in-one, crafted to handle Australia's harsh marine conditions.

Fast forward to today, and we're proud to relaunch as **ASSALT Adventure Wash**, the same trusted formula, now refined and ready for more than just boats. Whether it's your jetski, car, caravan, 4WD, or anything in between, **ASSALT Adventure Wash** delivers the same deep clean and lasting shine.

Why choose **ASSALT Adventure Wash**:

- 100% Australian Made and Manufactured for Australian conditions
- pH neutral with protective Ceramic Wax
- Adds gloss and a waxed finish for lasting protection
- Developed by an Australian Chemist
- Proudly manufactured locally on the Gold Coast
- Signature grape fragrance — because every great adventure deserves a great wash

From salt spray to red dust, ASSALT Adventure Wash is built for life's adventures, on water, road, or off the beaten track.

Purchase **ASSALT Adventure Wash** for your boat today.



WARRANTY PERIODS & CONDITIONS

Makocraft aluminium boats are warranted for thirty six (36) calendar months (3 years) after the boat has been sold by our dealer for the first time. Our liability for Makocraft boats is limited to making good any defects by repairing the same or at our option by replacement, in a period not exceeding the warranty period. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Provided that:

Special provisions require than:

- The boat must be maintained and used in accordance with the Boat Capacity Plate and necessary Maintenance Directions attached to the boat.
- The Boat has not been damaged by misuse, accident, neglect or used for competitive purposes.
- The Boat and/or outboard must not have been modified, altered or operated outside safe boating practices or the limits of the design specifications.
- Makocraft Australia Pty Ltd shall not be liable for consequential loss of any kind arising out of the supply or operation of the boats.
- The warranty does not cover any consequential expenses beyond the warranty repair of the boat itself, e.g. Freight.
- Paint is warranted against defective paint or application, NOT against the normal effect of wear and tear, oxidation, fuel or solvents damage or dissimilar metals. Oxidation has the potential to bubble the paint finish. Surface contaminants can cause oxidation if not removed from the vessel.
- The timber and carpet floors warranty is limited to installation for a period of 12 months and does not cover the effects of weathering or wear and tear.
- Windscreen/windshield breakage and leakage around windscreens/windshields or other designed openings are not covered under warranty.
- All items fitted to a Makocraft Boat which are not manufactured by Makocraft Boats will be applicable to their own warranty as implied by the manufacture of the product.
- Makocraft Australia Pty Ltd will NOT warrant boats, which have been improperly trailed. E.g. wobble/ multi roller trailers and off-road use. Incorrect or insufficient tie down from vessel to trailer, no engine support through an engine support bracket.
- Fitting of wedges and anti-ventilation plate foils could void the warranty. (Refer to special provisions No. 3)
- Work agreed to be repaired by Makocraft will be done ex-factory, and freighting cost to and from the factory will be the purchaser's responsibility NOT Makocraft Australia Pty Ltd, however for regional dealers a value equivalent to cost done ex-factory can be made available on special request. The warranty does not cover items replaced during normal service and maintenance operations which are subject to wear. These arrangements apply regardless of any change in ownership during the period covered.
- All warranties and conditions implied under the Trade Practices Act, including as to one of merchantable quality, are not excluded by this warranty except that Makocraft limits its liability for breach to: (a) the replacement of the boat or products; or (b) the repair of the boat or products,
- At Makocraft's option, with all freighting costs to be the purchaser's responsibility.
- The above warranty is in lieu of any, and all warranties expressed or implied, conferred by statute or otherwise and is the only warranty given Makocraft Australia Pty Ltd on the boat or any part thereof. Any such warranties under the Sale Of Goods Act are expressly excluded.

WARRANTY PERIODS & CONDITIONS CONT'D

Commercial Use

As possible commercial applications and the conditions of usage vary so much, and as success depends on the capability of the user, Makocraft Australia Pty Ltd. cannot warrant boats used commercially (except at our total discretion) or warrant that Makocraft are suitable for any particular commercial application.

In this regard the purchaser must satisfy themselves.

Important

The contents of our brochure and or website, excluding Warranty and Warranty Special provisions, will not form part of any contractual agreement.

Makocraft Australia Pty Ltd recommends all persons comply with their local boating regulations and are familiar with safe boating practices.

Due to Makocraft Australia Pty Ltd commitment to continually improve our products, we reserve the right to modify and or change without notice, any design, materials, specifications, equipment and/or accessories. Because of variations which occur in manufacture and supply of products, all capacities, measurements, dimensions and weights quoted should only be taken as approximate only and are subject to change, all paint colours and trim depicted are as close as the reproduction process allows and Makocraft Australia Pty Ltd reserves the right to discontinue or change equipment, paint colours and trim without notice.

Please note, whilst the utmost care will be taken, normally painted models ordered as unpainted will show welds, construction marks and blemishes due to the nature of the construction process.

Warranty Register Your Boat





**BUILT FOR ADVENTURE
MADE IN AUSTRALIA**



SUPPORT & ASSISTANCE

For warranty support or troubleshooting assistance, please contact the authorised Makocraft dealer from whom you purchased your boat.

To find your nearest dealer and their contact details, please visit the [Dealer Locator](#)