

8. TRAILERING

8.2 CHECK LIST BEFORE DEPARTURE

1. Wash your trailer after dipping in saltwater. Saltwater is incredibly corrosive. Rinsing off the trailer will greatly prolong your trailer's useful life.
2. Check your tire pressure. Trailer tires are different from car tires so check the tire sidewall for correct tire pressure (often 50-65 psi - much higher than your tow vehicle).
3. Check your tire tread.
4. Check the lights. Have someone depress the brake pedal and use the turn signal while you stand behind the vehicle and ensure the correct lights illuminate.
5. Use tie down straps. These inexpensive straps help secure your boat to the trailer. Every boat should be secured with several tie-down straps. Your winch strap is not a tie down strap.
6. Check to make sure all of your fasteners are tight.
7. If you are storing your boat be sure to block and cover your trailer tires. Remember rubber degrades when exposed to sunlight and also rots when exposed to the ground. You may wish to shade your tires. Moving your trailer periodically or jacking your trailer off the ground will help reduce dry rotting of your tires.
8. Use safety chains correctly. Chris-cross the chains below the tongue.
9. Do not put too much weight on your trailer. Gear can add a lot of weight - even if your boat can handle all of the gear, look at the weight rating on your trailer and do not exceed the maximum weight.
10. Grease your bearings. If you do not have good grease in your hubs, your trailer cannot roll.



EMERGENCY TRAILER REPAIR KIT

We strongly encourage trailer owners to carry some equipment in the event of an emergency. You should assemble an emergency trailer repair kit. Contents can include a spare wheel and tire, lug wrench, wheel chocks, bearing grease, extra hub assembly, extra line (for the winch and tie-down straps), replacement light bulbs, wheel bearings and road flares (or road markers).

8.3 TRAILER TROUBLESHOOTING GUIDE

BOAT LOADING - BOAT IS DIFFICULT TO LOAD

- Verify that your trailer is partially submerged. You should not be using your winch to forcefully pull your boat onto your trailer.
- Check for obstructions on your boat (hull or equipment).
- Check for obstructions on your trailer.

BOAT UNLOADING - BOAT IS DIFFICULT TO UNLOAD

- Verify that your trailer is partially submerged - your boat should partially float off your trailer.
- Verify you have unhooked winch strap and tie-down straps.
- Verify your motor is not impacting the ramp and / or ground.

OVERWEIGHT - TRAILER IS OVERLOADED

- Remove excess gear while towing your boat.
- Verify that the hull is structurally sound as this may be the first sign that the water has entered into the hull lining or is trapped in one of the holds.

COUPLER - IMPROPER COUPLER FIT

- Verify the hitch ball and coupler are the same size.
- Verify the coupler is free from debris.
- Verify that the hitch ball is securely fastened to the tow vehicle.
- For hand-wheel coupler only, verify operation of hand-wheel and attached pawl.
- See your dealer - You should not attempt additional adjustments to the hitch.

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8.3 TRAILER TROUBLESHOOTING GUIDE (SUITE)

WINCH - FAILS TO OPERATE

- Verify handle is securely fasten to winch and engaged.
- Extend cable, rope or strap completely and verify that it is securely fastened to the winch barrel.
- Visually inspect gears for signs of wear and replace gears as necessary.

WHEELS / HUBS - EXCESSIVE HEAT



HEAT WARNING

You should never attempt to touch any vehicle's hubs - all hubs get warm during operation. Only test with an appropriate tester (e.g. temple stick).

AFTER THE HUB HAS COOLED

- Try adding grease via Posi-Lube or Buddy Bearing.
- Have your dealer inspect and repack your bearings.
- Free spinning / cross-threaded / damaged lugs.
- Have your dealer replace damaged lugs and lug nuts.

TIRES - TIRE WEAR / UNEVEN TIRE WEAR

- Check tire pressure.
- Check to see if an object (such as the fender) is rubbing against the tire when the boat is on the trailer.
- Check to see that the hubs do not have excessive wobble. This could indicate improperly packed hubs or wear on hub components.
- Check trailer capacity versus towing load.
- Check trailer alignment.

ELECTRICAL - LIGHTS DON'T WORK

- Verify wire harnesses are free of dirt, debris and water and are properly attached.
- Verify that the two harnesses properly mate - are the same type.
- Check vehicle, that towing vehicle lights work
- Check ground on trailer and ground on tail lights (if equipped with separate tail light ground circuit).
- Look for any pinched, frays or cut wires and replace as necessary. Before replacing, disconnect the trailer from the tow vehicle and verify that there is no charge in the trailer circuitry.
- Check bulbs and replace as necessary.