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TRAILER OWNER'S MANUAL



REMEMBER TO REGISTER YOUR TRAILER @
WWW.RIDGELINEMFG.COM

(On the Home page click on the green "LIFETIME Limited WARRANTY" then click on the green "Register your product for our warranty")

READ THIS MANUAL COMPLETELY BEFORE USING YOUR RIDGELINE TRAILER!!

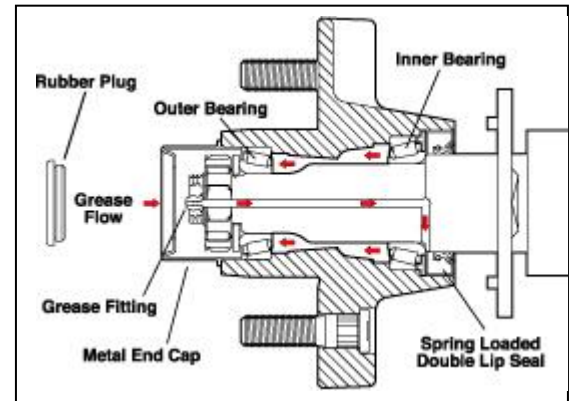
Warning: Failure to follow the manual's instructions may result in trailer or vehicle damage and severe or fatal injury to you and/or others. It is recommended to read your towing vehicle's owner's manual before towing a trailer, for any other additional information.

IT IS UP TO YOU THE OWNER OR OPERATOR TO CHECK EACH AND EVERY ITEM BELOW BEFORE EACH USE OF YOUR RIDGELINE TRAILER!!

- Wheel bearings need to be properly tightened and greased. Check them after the first 50 miles and every 1500 miles and/or annually. High moisture can affect the bearings, so check them under high moisture conditions.
- Pivot point bearings and fasteners are lubricated and tightened.
- Check trailer structure for any damaged, bent or cracked welds along with other structural parts. If there is damage, have the trailer repaired or serviced before you tow!
- Tires need to be inflated to proper air pressure; all lug nuts need to be tightened.
- Safety chains and couplers need to be secure and not be damaged.
- Make sure any electrical wiring is connected and working properly.
- Secure the load with proper straps and check them regularly while towing.
- Always place heavier items towards the front of the trailer. 10% of the total load weight is the recommended tongue weight. **DO NOT EXCEED RECOMMENDED COUPLER WEIGHT!**
- Use out-sets or receiver ball hitches to avoid jack knifing. Towing your trailer at an uneven level can cause axle and/or tire damage and negative tongue weight, which can cause damage to the tongue and/or coupler. Fish tailing is also caused by negative tongue weight.

Greasing Bearings

- Ridgeline trailers are equipped with easy to lube hubs. Use high quality wheel bearing grease: pump in with a grease gun until you see grease coming back out of the metal cap.



Adjusting the Bearings

- Remove the dust cap to expose the bearing nut.
- To remove locking device, use a cotter pin nut lock.
- If bearing and races are new, tighten bearing nut to 20-30ft-lbs thus making sure bearings are properly seated. If bearings and races are used, tighten to 5-10ft-lbs.
- Loosen nut until you can turn it with your hand.
- Retighten the bearing nut until it is finger tight, while tightening rotate the hub.
- Insert the locking device without backing the bearing nut off. If you cannot complete the locking device back off the finger tight nut to the nearest location.
- Put the metal cap and plug back on.

Any qualified service center can grease, adjust or replace your bearing, races or seal.

Coupler Adjustment

Warning: When connecting your Ridgeline trailer to your vehicle, it is important to use the correct force to secure the coupler to the ball hitch. Too little can cause it to disconnect or rattle while towing. Too much force will make it hard to disconnect and may cause vibration while towing.

To change the amount of locking force on the coupler to the 2" ball hitch, follow the directions below:

- Release the hitch coupler-locking lever to its' straight up position.
- Locate the adjustment nut which on the bottom of the coupler.
- Turn the nut clockwise to increase the tightness and counter clockwise to decrease the tightness.
- Mount your trailer coupler to the ball hitch.
- Push the locking lever into a horizontal position.
- Repeat these steps until a snug fit is obtained.

Electrical Lighting System

All marker/Tail lights on a Ridgeline trailers are shock mounted and sealed units. This means you will need to replace the whole assembly when a light burns out. Always check for proper functioning of all marker lights before every use! Interior and porch lights should be replaced with 12volt incandescent bulbs.

Side Marker Lights: Amber (C146A), Red (C146R)

Rear Tail/Turn/Brake Light: Red (C421RLED)

License Plate Light: Clear (C146C)

Tongue Connector And Harness

Electrical connector is mounted freely in a woven wire harness to prevent damage. The harness is run inside the tongue and framework to prevent damaged from road conditions and off road towing.

Always check the tongue connector and clean with contact solution, clean as needed.

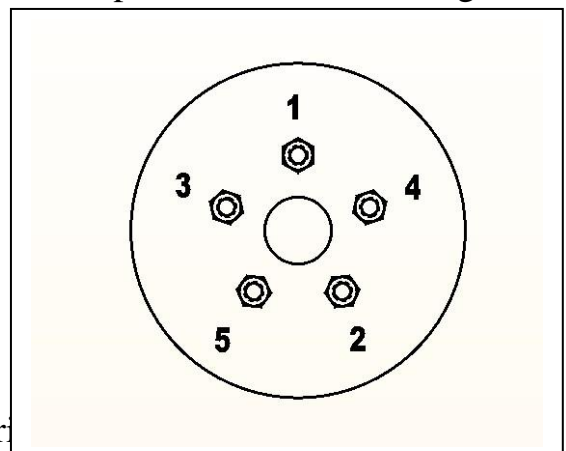
Tires & Changing Tires

Tires are subject to the tire manufacturer's warranty. For full warranty visit our website @ www.ridgelinemfg.com.

Under inflated tires is the most common reason for tire failure. Always check the tire pressure and lug nut before you use the trailer. Tires should be replaced when there is 1/8" tread depth or if there is uneven wear. The use of a wheel chock is best when working on tires or axles!!

When changing your tires, jack up under the frame (the axle area is the best location). After replacing the tire, tighten all lug nuts by hand. This prevents cross threading. Tighten nuts in a 2-stage process (see diagram).

Be sure the tire pressure is at the right PSI.
The PSI is on the sidewall of each tire.



Load Capacity

To calculate the load capacity of each trailer the mater the coupler all play a part in that calculation. The VIN label has most of the information in regards to what your trailer weighs, the tire size and load capacity. Exceeding the limits

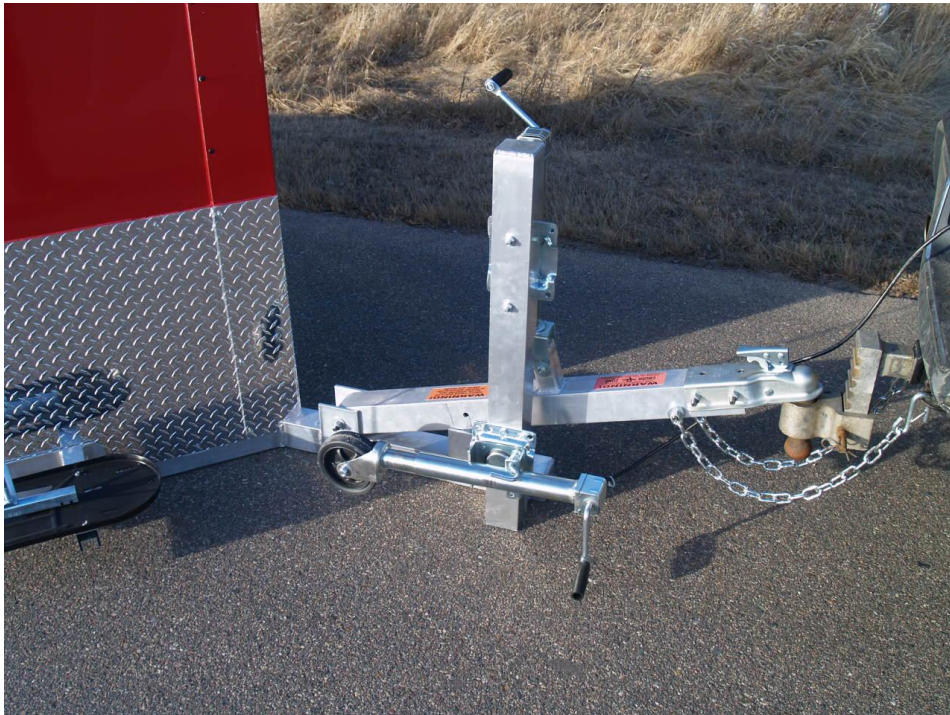
may cause injury to you and others as well as causing damage to the trailer and/or your vehicle.

Tie Downs

Each Ridgeline Fish house trailer has 800 pound tie downs to secure your load. Loads or cargo should be secured by tie down devices of your choice (not included with trailer). Road vibration can cause bolts to loosen. Even with tie downs and straps it is recommended that you check your load regularly.

Tilt Lever Tongue

All fish house trailers are equipped with a tilting tongue system. This means you can raise and lower you fish house while connected to towing vehicle. Simply by removing the tongue-locking pin (not shown) and turning the second trailer jack, you can raise/lower the front end of the entire fish house trailer.



NEVER move the fish house trailer when the locking pin is not in the tongue!

Never raise/lower the fish house trailer while loaded.

Never raise/lower fish house trailer with the locking pin installed.

Never raise/lower fish house trailer when the first tongue jack is vertical.

When unlocking or locking use caution not to pinch fingers, hand or clothing.

Never have any body member in area of trailer while lifting or lowering trailer with Tilt Lever Tongue. Take precaution if jack failure would occur bodily injury or death could be possible.

Axle Set-up/Configurations

Ridgeline fish house trailers use special torsion axles that can be raised/lowed and even completely removed! Never raise/lower fish house trailer while loaded!

1. Lower front of fish house trailer to the ground (see above).
2. Proceed to the rear of the fish house
3. By applying a downward pressure on leverage arm, begin by removing cotter pin
4. After removing cotter pin while still providing a downward pressure on leverage arm, remove the bent pin
5. Once pin is removed, safely lower the unit down by using as much of the leverage arm as possible (We offer a removable winch in circumstances of need)
6. Repeat steps on the opposite side of the unit until lowered to the ground



Axle Removal

Once fish house trailer is completely lowered to the ground, the axles can be removed, if so desired. By placing the axle swing arm at about a 45 degree forward angle (See above picture), the axles can be removed by simply pulling straight outwards. Never pull using the fender, as Fenders are not steps or hold points!



Tandem Units: Axle Set-up/Configurations



Begin In Rear of Unit

1. Raise jacks that are mounted on the rear of the unit
 - a. Done with cordless drill, or hand held crank provided by Ridgeline
2. Raise jacks until all pressure is released from the axle assemblies
3. Begin by removing cotter pins and bent pins on both sides

4. Once completed, begin to lower jacks on both side intermediately until unit is lowered in the read
5. Lower front tilt lever tongue as noted above (Same Process)

Care & Maintenance

Use the checklist on page 1 of this manual to inspect your trailer for the safety of yourself and others. Inspections should be done from the front to the rear of the trailer. All bolts, nuts, pivot points, and bearings need to be tightened and lubricated appropriately. All welds and structural parts should be inspected for cracks, bends or other signs of damage. Check all lights to make sure they are working properly.

Keeping a log of all maintenance checks and service done is the best way to make sure your trailer is in optimal working condition. Broken, damaged or non-tightened parts can cause injury to yourself or others and damage your towing vehicle and individuals around the trailer. It is the owner/operator's responsibility to inspect the trailer before each use to ensure that it is in safe working condition.

Proper loading & Unloading

Never raise or lower the fish house trailer while loaded. Loads should be placed on the trailer to apply the correct amount of tongue weight (10%), however do not exceed the coupler tongue weight. Weight should be equal on all tires to prevent uneven tread wear. Always Load/unload trailer in the travel (axles locked) configuration. Never lower/raise the trailer loaded! If loading or unloading a heavy item always block up the rear of the trailer so the coupler does not disengage from the ball hitch. Traction and braking can be negatively affected by uneven loading, making it unsafe for travel the roadways. Make sure to check your coupler weight and your VIN label for GVWR.

Spray foam insulation care

Ridgeline fish houses have the option of being spray foam insulated. Care should be taken not to expose the insulation to intense heat or direct flame. It is recommended that the buyer seal the insulation.

Warranty

Please visit our website @ www.ridgelinemfg.com to register your trailer. Ridgeline warranties aluminum material and workmanship for defects that occur on the bed frame and tongue for 1 year. All tires, lights, couplers, decking, axles, hubs, bearings, races and seals are subject to their manufacturer warranty. Wiring harness, tie downs, safety chains and tilt

levers are subject to a 90-day warranty. All suppliers' warranties are subject to change without notice. All shipping or transporting cost of unit is responsibility of owner of unit to FOB Pillager, MN 56473 for claim deeded under warranty by Ridgeline MFG LLC or Authorized Dealer. Ridgeline Mfg LLC will not be held liable for cost of damages that may be caused from interior finishes to the frame, wall or roof structure or materials utilized to complete interiors by any customer or dealer. If warranty repairs are needed and cost are covered by Ridgeline Mfg LLC to conduct repairs to frame, wall or structure Ridgeline Mfg LLC will not do any demolition or removal or installation or be responsible for any cost accrued of completed interior finishes to make necessary repairs to the frame or structure. That is responsibility of customer claiming the damages to frame, wall or structure. **All warranties are limited to the original owner and are not transferable.**