

2026 Trailer Maintenance Checklist

As you gear up for your coming marching season, we have put together a checklist of recommended general maintenance points for your Clubhouse Trailer! We recommend picking a work day to accomplish this list so your trailer is ready to go for the season, as well as give you a chance to identify and contact us with any questions or issues that may have arisen since the last outing with your trailer. Contact us for any assistance at support@clubhousetrailers.com. Additionally, we have an online shop to order new parts or kits: shop.clubhousetrailers.com

Note: Please forward this to the appropriate channels within your organization, whether it be band boosters, transportation personnel, or band directors. If you would like someone else to be added to future checklists, please let us know.

Trailer Maintenance Tips

- Running gear maintenance- likely to be done by transportation personnel
 - Ensure a current annual DOT inspection of your trailer.
 - Ensure current registration of your trailer.
 - Hook up your trailer before you load to leave and check that brakes, air systems, and lights are in working order.
- Wash your trailer and inspect for new/growing rust spots and damaged vinyl
 - The vinyl wrap will last longer with periodic washing of road grime.
 - Hand wash your trailer only. We do not recommend the use of power washers or harsh chemicals on your trailer.
 - 3M recommends a mild detergent when washing vinyl.
- Inspect all of the batteries located inside the power cabinet on the wall.
 - Check the age and charge of the batteries. They should maintain a voltage of 12.4 - 13.4 volts during non-solar charging times.
 - If you think the batteries need to be replaced, The Clubhouse recommends Group 31 AGM batteries (O'Reilly's part number: 31DTMAGM).
- Inspect shore power plug
 - Inspect the shore power plug (located behind the license plate on semis, or on the power cabinet) and keep clean of debris.
 - Ensure any extension cords used for shore power are intact and functioning properly. Do not use frayed or damaged cords.
 - Check that the shore power plug functions to charge the trailer batteries.

Trailer Maintenance Tips Cont.

- Check that nuts and bolts are snug
 - While in transit, some hardware may work itself loose. Before your first trip of the season, inspect for any loose or missing fasteners.
 - Some places to check fasteners include
 - Ramp (If equipped)
 - Front stairs
 - Rear Stairs
 - Power Cabinet
 - Tubavator (if equipped)
 - Uniform Racks (if equipped)
 - Door Spans
 - Traditional Entry
 - If you notice any missing hardware, contact us and we'll be happy to identify what needs replacing and where to source them.
- Inspect solar panels
 - Examine the solar panels on the roof of your trailer for damage. Clean solar panels to maximize their efficiency.
 - Ensure the voltage on the charge controller (inside the battery cabinet) shows between 12.6 - 14.5 volts during daylight.
 - If the controller does not show a reading, or the reading is below 12.6 volts, the solar panels may be damaged or missing. If the solar panels are missing or damaged, contact us for replacements, or assistance in sourcing materials
 - Pre-2025: The solar charge controller should display a moving arrow from the panel symbol to the battery symbol if the solar panels are functioning properly.
 - If your trailer is equipped with a Victron Solar Charge Controller, it will show a blue light when receiving solar charge. These are bluetooth enabled and you can connect a smartphone to the controller to view solar conditions.
- Hydraulic ramp and hydraulic Tubavator inspection, and Flying Carpet (if equipped)
 - If your trailer has a hydraulic ramp, hydraulic Tubavator, or Flying Carpet moving floor, inspect each line carefully for signs of damage.
 - Inspect connections and joints for damage and leakage
 - Fittings showing signs of leakage can be tightened with two wrenches

- Check the hydraulic fluid level in the reservoir with the dipstick.
 - To accurately measure the fluid level, the ramp must be in the folded storage position, and Tubavator must be retracted fully. The Flying Carpet must be in the raised travel position.
 - If fluid level indicates more is necessary, we recommend using 46 weight hydraulic fluid from your local automotive supply store.

Trailer Maintenance Tips Cont.

- Functional systems check of stairs
 - Ensure that the powered or manual stairs in your trailer are functioning smoothly and securely by opening and stowing them.
 - Check for loose pivot bolts.
 - Check 3-D printed feet for excessive wear or damage.
 - New feet can be purchased through our online store.
- Functional system check of powered ramp
 - Ensure that the ramp in your trailer is functioning smoothly and securely by opening and closing it. Check that all nuts and bolts are in place and secure.
 - Please remember the full "out" cycle must be completed before attempting to stow the ramp back inside the trailer.
 - On the end of the ramp, check for missing rollers, landing feet, and approach plate foot pads. Replace if necessary. These are available at our online store.
- 3-D printed parts check
 - 3-D printed parts may become worn or damaged during the life of the trailer. Check for any parts that may need replacing. These items are typically consumable, self-sacrificial parts designed to break before more critical parts break.
 - Stair landing feet
 - Ramp approach plates
 - Lighting junction boxes
 - Shelf tags
 - Flood light mounts
- Weekly in Use: Use the tools in the Clubhouse Toolbag to tighten fasteners throughout the trailers. Ramps, Stairs, Door Spans, Uniform Racks, etc.
 - Don't have a Clubhouse Toolbag? Grab one from our online site:
shop.clubhousetrailers.com



Moving the Marching Arts

Clubhouse Trailer Company
14625 Santa Fe Crossing Dr
Edmond, OK 73013
ClubhouseTrailers.com

For assistance with the operations of your trailer, please access our [digital operating manual](#). This manual contains walkthrough videos of general operations, some troubleshooting, and maintenance tips, as well as written manuals. We're rolling out a new self-guided troubleshooting portal, also in our Digital Operating Manual!

If you find that your trailer may need a service visit, or needs replacement parts not currently available on our website, please send an email to support@clubhousetrailers.com

Thank you for being a part of The Clubhouse family.

We hope you have an excellent marching season!

Website: clubhousetrailers.com

Store: shop.clubhousetrailers.com

Contact us: support@clubhousetrailers.com

Phone: 572-500-9010

Notes:
