

# Clubhouse Trailer Tips & Maintenance - STS

We are so happy to have you be a part of the Clubhouse with your custom trailer. As both innovators and members of the band community, we have a few tips and recommendations for care, maintenance, and use of your trailer.

## Securing Your Trailer

Clubhouse recommends the use of disc-style locks for securing your trailer. We recommend one lock for each entry point.

## Storage Tips

Bungee cords are a no-no! Bungee cords allow your equipment to still move around as the trailer moves down the road. We recommend the use of ratchet or e-track straps to secure all your rolling equipment in place and avoid damage to your trailer.

## Trailer Care

Do not lean instruments or guard equipment (flags, rifles, etc.) against the exterior of the trailer. This will damage your graphics, paint, or trailer wall. Periodic washing of your trailer will help the vinyl wrap last longer. We recommend hand washing 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 the vinyl.

## Annual Inspection

Small trailers may require inspections, check your local regulations to ensure compliance.

## General Upkeep

We recommend periodic checks of your trailer systems to ensure everything is functioning properly. Due to the movement of being on the road, it is possible for some fasteners to loosen over time. Inside your Clubhouse Trailer Toolbag are all the tools needed to check that these fasteners are secure, and tighten them if found to have loosened.

- Power cabinet
- Uniform racks (if equipped)
- Shelving systems

We also recommend periodic checks of plastic parts, such as lighting junction boxes, for excessive wear. Replacement parts can be purchased through our online store.

## Maintenance:

- 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: AGM31DT).
- Check that nuts and bolts are tight.
  - 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 the ship's ladder/stairs, power cabinet, and shelving connections to the walls.
  - A great time to inspect for loose fasteners is everytime the trailer is opened for loading or unloading. It only requires a quick visual inspection to identify loose bolts.
  - If you notice any missing hardware, contact us and we'll be happy to identify what needs replacing and where to source them.
- Pre-Trip Inspection
  - Before every trip, check that the lug nuts on each tire are snug and secure.
- Inspect solar panels
  - Examine the solar panels on the roof of your trailer for damage.
  - Clean solar panels periodically to maximize their efficiency.
  - Ensure the voltage on the solar 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.
  - Power cabinets have a blue LED indicator on the door that will illuminate when the solar panels are active.
    - Trailers built prior to 2024 have a solar charge controller that displays a moving arrow from the panel symbol to the battery symbol if the solar panels are functioning properly.

- 3-D printed parts check
  - 3-D printed parts may become worn or damaged during the life of the trailer. These parts include lighting junction boxes, shelf tags, and flood light mounts. Check for any parts that may need replacing.
- Check over trailer running gear (wheels, tires, shocks, etc) maintenance - likely to be done by district transportation personnel.
- Inspect trailer tires for tread life or damage and replace as needed.
- Check the condition of the 7-pin electrical connector and ensure all exterior trailer lights are working properly.