

ShowMaster Mobile Community Stage#

Annual Inspection Checklist

Stage VIN: _____

Completed by _____ Date _____

Safe Condition
 Serviced/Repaired

SUPPORT STRUCTURE

- Inspect structural members for damage and corrosion ***
- Inspect welds for damage, cracks, and corrosion ***
- Inspect bolted and pinned connections for security, play, wear, and damage **
- Lubricate pivot and hinge points *
- Inspect jacks – lubricate jack mechanism **
- Inspect roof & canopy support channels (ANSI E1.2-2006)
- Inspect stage deck – loose, cracked, gouged, damaged deck panels
- Inspect deck support truss – corrosion, bent or broken components, cracked welds
- Inspect & lubricate truss jacks – use axle grease
- Inspect roof & wall panels – condition, damage, and attachment connectors

Note – make inspections with stage in both open and closed positions

HYDRAULIC SYSTEM

- Hydraulic fluid filter service – See manual Section 7 for procedure
- Check hydraulic fluid – change fluid if discolored or dirty
- Check hydraulic fluid level – check when all hydraulic cylinders are fully retracted
- Inspect hydraulic hoses and connections for damage, deterioration, and corrosion
- Inspect hydraulic cylinders and pistons for corrosion, damage, condition, and leaks
- Inspect battery condition – case and posts for cracks or corrosion
- Check battery charger – condition and correct operation
- Inspect compartment overall condition – moisture, wires, dirt, corrosion

TIRES & SUSPENSION

- Remove tires and inspect for tread depth, wear, cracks/cuts, overall condition
- Remove wheel hubs - inspect brake components, check condition and operation
- Inspect brake linings for wear and thickness
- Clean, inspect, and lubricate wheel bearings – axle grease
- Check axle and suspension bolt condition, connections, and security
- Reinstall hub and check rotation
- Reinstall tires – torque lug bolts to specified value
- Check tire pressures

HITCH & TONGUE

Inspect and lubricate coupler **	<input type="checkbox"/>	<input type="checkbox"/>
Inspect condition of safety chains	<input type="checkbox"/>	<input type="checkbox"/>
Inspect condition of emergency break-away cable	<input type="checkbox"/>	<input type="checkbox"/>
Inspect condition of 12VDC connector and cable	<input type="checkbox"/>	<input type="checkbox"/>
Inspect and lubricate tongue jack as required **	<input type="checkbox"/>	<input type="checkbox"/>

GENERAL CONDITION AND OPERATION

Evaluate unit for overall all squareness and alignment	<input type="checkbox"/>	<input type="checkbox"/>
Evaluate smoothness of operation while opening and closing	<input type="checkbox"/>	<input type="checkbox"/>
Monitor for noisy hinges or pivot points – lubricate as needed *	<input type="checkbox"/>	<input type="checkbox"/>
Verify operation of emergency break-away system	<input type="checkbox"/>	<input type="checkbox"/>
Connect to tow vehicle – check security and operation of coupler, chains, 12VDC plug	<input type="checkbox"/>	<input type="checkbox"/>
Verify correct operation of trailer marker and signal lights	<input type="checkbox"/>	<input type="checkbox"/>
Verify operation of trailer brakes	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION NOTES

The International Code Council, the organization setting industry design standards, requires **annual** vehicle inspection. (ANSI E1.21-2006)

Inspection - Equipment must have been inspected within the last **12 months** by a competent authority. If critical structural defects are found during the inspection; structural engineer approved repairs and procedures must have been completed in accordance with professional standards. Inspection, engineering approval (if applicable) and repair documents must remain available for presentation upon request. No part should be replaced unless it is Century Industries approved or supplied.

Service Notes

* **Recommended lubrication** for hinges/pivots is Dry Moly Lube (any reputable manufacturer). If Dry Moly Lube is not available, use white lithium grease.

** **Fasteners** - Replace all damaged (deformed, worn, or corroded) fasteners (pins, bolts, nuts, rivets, etc).

*** **Rust Damage** - Components that are rusted through or structurally damaged - replace or repair.

*** **Surface Rust** (no damage) - remove rust, wipe clean, and spray with cold galvanizing.

** **Lubricate** – use axle grease