

## SETUP – Trailer & Wall Assembly

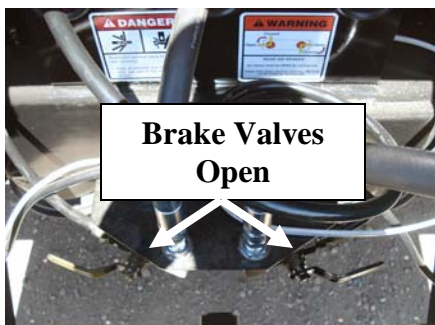
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### Lock truck brakes and prepare to separate.

Remove wall sections and the ballast box from the tractor end. Ballast box on caboose end can remain in place. Lift wall sections by D rings. Ballast boxes have internal loops. Remove 4 bolts securing ballast box before lifting.

**CAUTION:** Use forklift, loader, or crane rated to assemble or disassemble Trailer. Equipment rated to 10 tons or more is recommended. Each wall section weighs over 5,000 lbs. Ballast boxes can weigh over 8,000 lbs depending on the amount of sand and moisture. Movement of platforms and/or caboose may involve more. Exercise caution. Make sure chains are secure and people are clear before attempting to lift or move.



The rear axel assembly (“caboose”) has separate valves at the rear to open and close the air lines to the brakes (the “brake valves”). Brake valves must be OPEN (pointed out) for normal operation and when installing and/or removing wall sections. The Brake valves should only be closed to move caboose from one end of the trailer to the other, and then be reopened again for normal operation (see separate instructions).



Install and pin platform stand and castor. Castor goes on tractor end. Stand goes on caboose end.

Disconnect hoses and power lines at joint.

Loosen bolts.



Remove safety pin from connecting dowel and drive tractor and associated platform forward to separate. Drive forward only far enough to insert desired wall sections.





**Install wall section(s) from rear platform forward.**



1. Align top (long) dowel.
2. Align bottom (short) dowel.
3. Slide wall together and insert safety pin in upper dowel.
4. Tighten bolts. Apply upper pressure to wall if necessary to take pressure off and make it easier to tighten bolts. **CAUTION: Torque to 900 lbs. Periodically check and retighten as needed. Use ONLY 1" Grade 8 fine thread bolts. REPLACE after crashes or if worn.**
5. Lower and pin wall stands for support. Typically lower stand nearest end being assembled. Make sure surface is solid. Drop additional stands for additional stability.



*Repeat process to install additional wall sections and/or attach platform. Reverse process to remove.*



**Reassemble.**

Back tractor and platform. Align dowels and slide together. Use forklift to help align if necessary. **AGAIN - CAUTION:** Torque to 900 lbs. Periodically check and retighten as needed. Use **ONLY 1" Grade 8 fine thread bolts.** **REPLACE** after crashes or if worn.

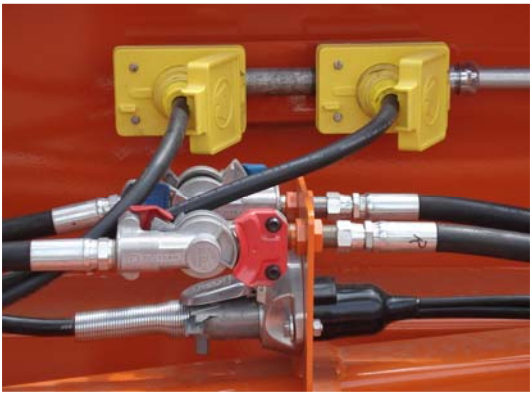


Pin upper dowel.



Remove platform stand and castor, and raise wall stands. Use forklift to take pressure off as needed.

Reattach hoses and power lines.





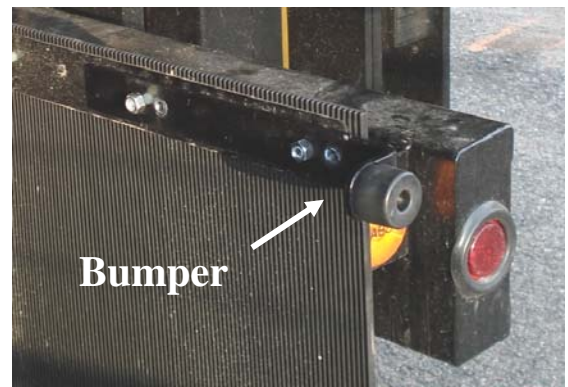
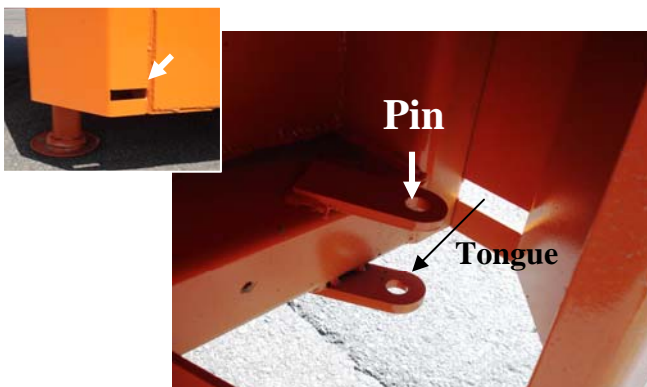
Set ballast box in place and bolt back down.

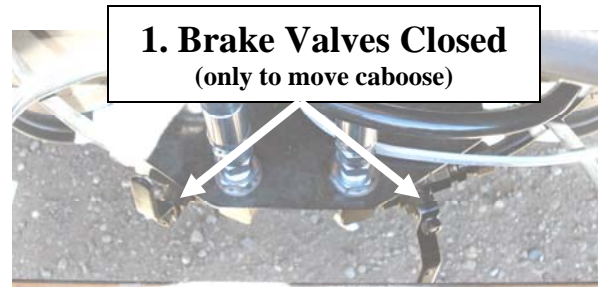


Add rear axel guard if not already in place (this can also be installed at beginning of assembly process).



Insert tongue of axel guard through lower corner slot. Pin and clip from inside. Special 7/8" pin is provided. Check that there is adequate clearance between axel guard and tires for tires to turn freely without rubbing. Bumper can be adjusted in or out as appropriate. Trailer can be moved and run at speed with axel guard properly installed.





### Check Rear Connections:

1. Brake valves must be OPEN (pointed out) for normal operation and when installing and/or removing wall sections. The Brake valves should only be closed to move caboose from one end of the trailer to the other, and then be reopened again for normal operation (see separate instructions).

2. Caboose bolts should be tight. Turn eccentric bolt within receptacle to tighten, and then torque nut to 300 LBS. See also separate Caboose instructions for more information.

3. Caboose air and power lines should be plugged into connections at rear of trailer.



**TRAILER REGISTRATION** is typically located in a clear covered enclosure on a platform end or inside the back center of the caboose.



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