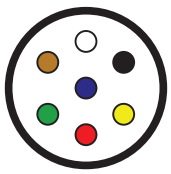
LIVE BOTTOM TRAILER QUICK CONNECT INSTRUCTIONS

LIVE BOTTOM HYDRAULIC SYSTEM SAFETY

Take extreme caution when working on and with this trailer. These rules are only a general guideline, and you should follow your company rules and safety guidelines when servicing and operation of this live bottom trailer.

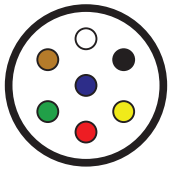
- Only competent people should operate this piece of equipment
- Always depressurize hydraulic system before disconnecting and before servicing.
- Always connect return line first
- Always disconnect Pressure line first
- Never enter trailer while belt is running
- Hydraulic fluid at extreme pressure can cause harm or death
- Always wear proper PPE when working around pressurized hydraulic components.

7-WIRE LIVE BOTTOM
(GINCOR Werx Configuration)



- GROUND
- SUSPENSION DUMP
- SPARE/STROBE LIGHTS
- SPARE
- TAILGATE LOCK
- SPARE/BACK-UP LIGHTS
- TAILGATE LIFT

7-WIRE MAIN ISO PLUG - LIVE BOTTOM



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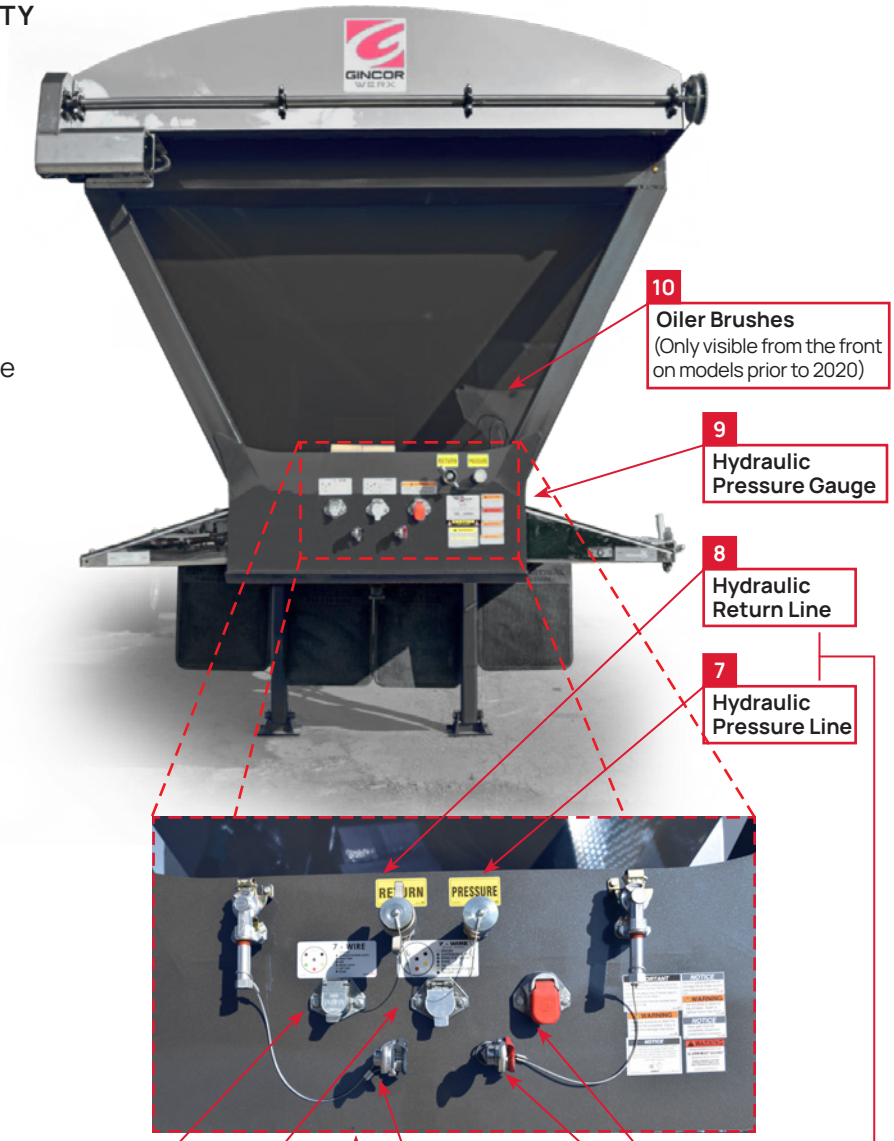

Couplers Return Line: Winged coupler on the return line with a working pressure of up to 3000 psi.

Couplers Pressure Line: Nipple coupler on the pressure line with a working pressure of up to 3000 psi.

LIVE BOTTOM TRAILER TRACTOR REQUIREMENTS

WHAT TO CHECK FOR WHEN PROBLEMS OCCUR

The GINCOR Live Bottom is equipped with a heavy-duty hydraulic system which operates the belt. Pressurized hydraulic oil supplied by the tractor runs through the lines to a series of components that function together to operate the belt. If for some reason the trailer will not unload or becomes sluggish there are numerous reasons why.

- It is the responsibility of the driver to keep the tractor pressure at or below 2500 psi as not to damage the trailer hydraulic system.
- All tractor PTO pumps should be equipped with a pressure relief set at 2500 psi and a filtration system.
- Forward relief valve on the trailer manifold is pre-set at 2000 psi at the factory and should not require any setting
- Reverse relief valve on the trailer manifold is pre-set at 600 psi at the factory and should not require any setting
- Adjusting the forward or reverse pressure relief valves outside of this range, for any reason, may cause damage to belt and or chain and will void warranty.
- If, for any reason, contaminates enter hydraulic system thiscould cause sluggish performance and possibly belt stopping during unloading.
- If filter on tractor becomes clogged the trailer will not unload properly.
- In the colder seasons the hydraulic fluid may become too thick and slow the system. Higher altitudes would have the reverse effect
- If belt stops or makes any odd or loud noises stop unit and check for possible chain issues.

TROUBLESHOOTING

Pressure at gauge when pump is not running
- Connections at front of trailer not hooked up properly, relieve pressure and check hook-ups
- Blockage in hydraulic lines, check for hose kinking

Low pressure at gauge when pump is engaged, and manifold is in neutral
- Possible problem with tactor pump
- Supply line on front of trailer is hooked up improperly
- Low oil level in tractor tank
- Contamination in oil or filter is clogged

MINIMUM SPECIFICATIONS FOR HYDRAULICS

Max Flow (Single Drive): 20 GPM
Max Flow (Dual Drive): 40 GPM
Maximum Pressure: 2500 PSI
Tank Volume: 50-GAL Minimum.

RECOMMENDED:

Dual head hydraulic filter, canister type c/w 10-micron filter with a 75-gallon hydraulic tank with sight glass and temperature gauge. Use suitable oil suggested by manufacturer.

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