

WARNING TOWABLE SWEEPER

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

⚠️ WARNING: Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize your exposure, avoid breathing exhaust, do not idle the engine except as necessary, operate and service your equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment. For more information go to www.P65warnings.ca.gov

- Never operate power equipment of any kind if you are tired or if you are under the influence of alcohol, drugs, medication or any substance that could affect your ability or judgment. Be alert! If you get tired while operating this equipment, take a break. Tiredness may result in loss of control.
- Provide adequate ventilation when operating this equipment. Internal combustion engines consume oxygen and give off deadly carbon monoxide gas.
- **DANGER:** This equipment has multiple pinch points that can cause dismemberment or death. Keep hands, feet and all other body parts clear at all times.

OPERATING WEIGHT 3,600 POUNDS

This equipment is subject to Section 2449 (d)(3) California Code of Regulations

Idling Limit - No vehicle or engines subject to this regulation may idle for more than 5 consecutive minutes. Idling of a vehicle that is owned by a rental company is the responsibility of the renter or lessee, and the rental agreement should so indicate.

The idling limit does not apply to:

1. Idling when queuing, **2.** Idling to verify that the vehicle is in safe operating condition, **3.** Idling for testing, servicing, repairing or diagnostic purposes, **4.** Idling necessary to accomplish work for which the vehicle was designed (such as operating a crane), **5.** Idling required to bring the machine system to operating temperature, **6.** Idling necessary to ensure safe operation of the vehicle.

MACHINE OPERATION AND SAFETY GUIDELINES

- 1. Read all decals and manuals before starting and/or operation this machine.**
- 2.** Do not operate or make any adjustments or repairs to the machine if parking brake will not hold machine from rolling. If the parking brake will not keep the machine from rolling adjust, repair or replace it before operating, adjusting or repairing the machine.
- 3.** Always set parking brake before starting and after stopping engine on the machine. The parking brake should be set each time the operator disconnects his seat belt and leaves the operating position.
- 4.** Always wear appropriate protective eye wear while operating, adjusting and servicing this machine and while working within 100' of this machine.
- 5.** Do not operate this machine if any person is within operating range of this machine and if any person within 100' of the machine is not wearing appropriate eye protection and safety attire.

6. Always disengage both rear wheel lockouts before any adjustments or repairs are made and before towing machine.
7. Do not make operational adjustments or repairs to this machine with the machine running if the operator is not in the operator's seat with the seat belt fastened, with the parking brake set and with both rear wheel lockouts disengaged.
8. Before starting this machine, always check for any kind of maintenance problem that will damage machine while using.
9. Always follow industry accepted safety practices while operating or making any repairs and adjustments to this machine.
10. Do not tow this machine with any vehicle that does not meet or exceed all federal, state and local laws for vehicle GVW, trailer hitch and lighting requirements for all of the states in which you operate this machine.
11. Do not operate this machine when any person is within 100 feet of the discharge area of the sweeper broom.
12. Do not change direction of this machine from forward to reverse or reverse to forward before first coming to a complete stop.
13. Towing: 3-wheels on the ground towing comes standard with Broce Sweepers. Be particularly cautious when going through dips and ditches. Because of the third wheel, and the added pivot point, do not back up while towing the sweeper. Plan your route to avoid the need to travel in reverse.
14. Use and attach only those Tow-Bar safety chains as recommended by federal, state, and local laws.
15. Do not start, service, operate or make any adjustments to this machine before you have read and fully understood this entire manual.
16. Familiarize yourself with all operation and safety decals before operating this machine.

REFUELING & MAINTENANCE

Warning: The Customer is responsible for all damages resulting from lack of fuel or lubrication. Check the motor oil, coolant and hydraulic oil every time you refuel the equipment.

REFUELING DIESEL FUEL ONLY

Stop the engine and shut off electrical equipment while filling the fuel tank. Use extra caution when fueling a hot engine. Always ground the fuel nozzle against the filler neck to avoid sparks. NEVER SMOKE while handling fuels.

COOLING SYSTEM

Keep the radiator free of debris. If at any time the motor overheats, shut it off and call us immediately.

Danger: *Never remove the radiator cap on a hot engine the liquid is under pressure, extremely hot and will cause serious burns.* Liquid cooling systems build up pressure, as the engine gets hot. Before removing the radiator cap, stop the engine and let the system cool. Remove the radiator cap only after the system is cold.

For cooling systems with an overflow tank, the coolant can usually be checked at the tank without removal of the radiator cap.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. **IF** there is any doubt as to the operation or safety of the equipment, **DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!! FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**

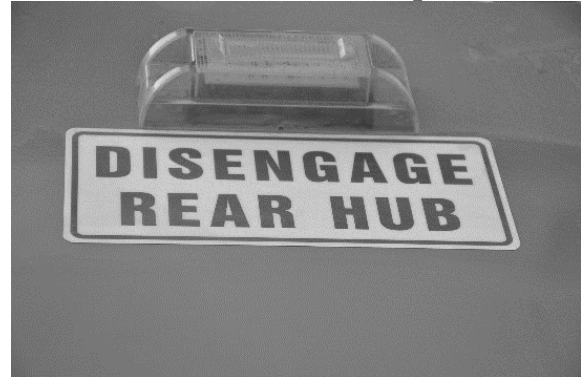
TOWING SETUP POSITIONS:

FOLLOW THE STEPS BELOW BEFORE TOWING

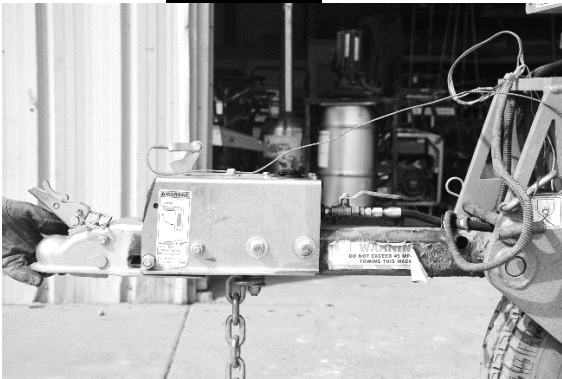
1. Disengage Rear Hub this will let the wheels turn freely.



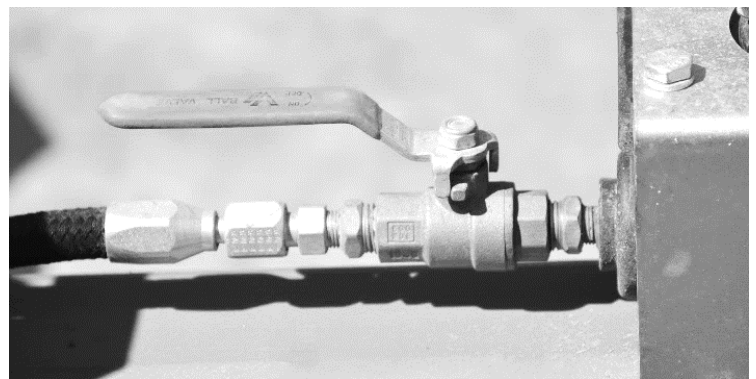
If the yellow light is flashing
do not tow sweeper!



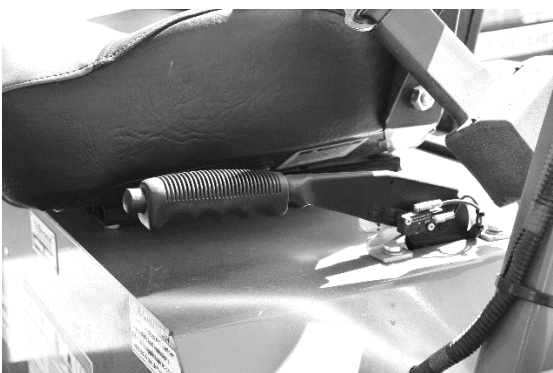
2. Lower the tongue & lock in place with Pin & Clip.



3. Open the Brake Valve this allows the trailer brake to function.



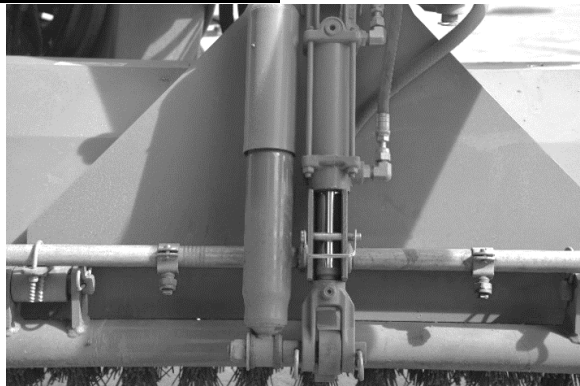
4. Push down the Parking Brake to disengage it



5. Open the Steering Valve to Tow.



6. Use the Broom Ram Blocker & Lock Pin to hold the brush in the upright position.



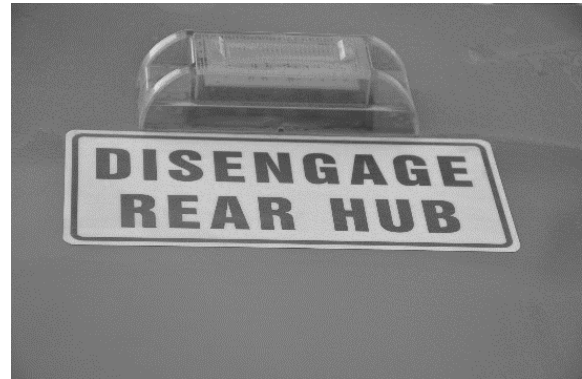
SWEEPING SETUP POSITIONS:

FOLLOW THE STEPS BELOW BEFORE SWEEPING

1. Engage the Rear Hubs this will lock the wheels in drive mode.



The yellow light will flash.



2. Raise the tongue & lock in place with Pin & Clip.



3. Close the Brake Valve this moves the braking to the foot pedal.



3. Push down the Parking Brake to disengage it.

4. Turn the Steering Valve to Sweep.



6. Remove the Broom Ram Blocker & use Lock Pin to attach it to the spray pipe.

