


SAFETY FIRST

1. Read and understand this operator's manual before operating the container carrier.
2. Be sure safety decals are clean and in place.
3. Never position yourself, or any other person, under any raised portion of the container carrier unless the container carrier is firmly resting on the support props.
4. Never operate this unit unless the hydraulic system, including the cylinders and lines, are full of oil and free of air.

 **Warning:** Escaping fluid under pressure can penetrate the skin causing serious injury. Avoid the hazard by relieving pressure before disconnecting hydraulic lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result.



5. Check the area for power lines and overhead obstructions.
6. Be sure the area and container are clear of personnel.
7. Do not load, dump or unload a container on uneven ground.
8. Do not move the truck while the mast and container are raised. A raised load creates a top heavy unstable load.
9. Do not use any method to hold a valve open which will not let the valve automatically close when released.

OPERATING INSTRUCTIONS

CONTAINER CARRIER CHECK LIST

1. ___ Check hydraulic oil level with all cylinders retracted.
2. ___ Grease all lubrication points.
3. ___ Fork stop pins are securely in place.
4. ___ Mast safety latch and trunnion bar stop are free to move and work properly.
5. ___ Tires are properly inflated.
6. ___ Truck is fully operational - - brakes, lights, etc.

GENERAL GUIDELINES FOR OPERATION OF THE CONTAINER CARRIER

LIFTING A FRONT LOAD CONTAINER

⚠ Caution: Be sure the area in which the container carrier is to be operated is clear of personnel and obstacles overhead, and on the ground.

1. If the forks are in the stored position, manually rotate them to the extended position and lock in place with the fork stop pin.

2. Engage the pump and raise the mast up a minimum of 2" before tilting the forks, to disengage the automatic safety latch. **IMPORTANT:** FAILURE TO LIFT FORKS BEFORE TILTING MAST WILL RESULT IN OVERLOADING AND POSSIBLE DAMAGE TO SAFETY LATCH.

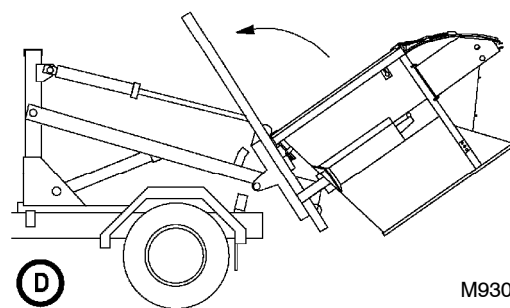
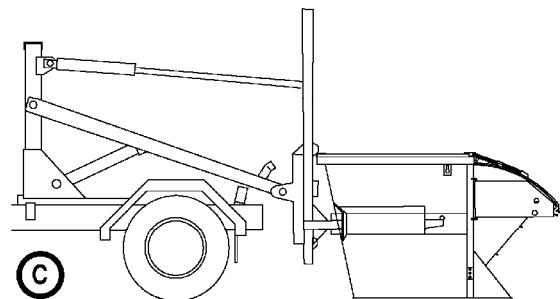
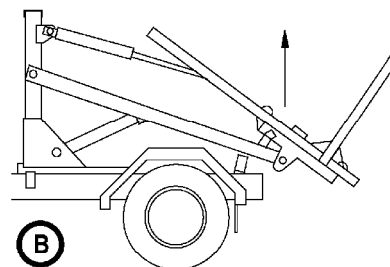
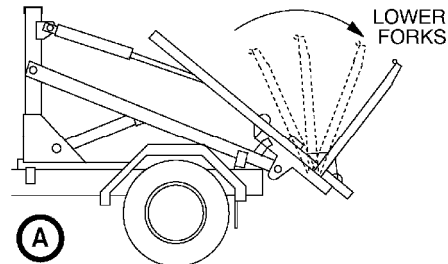
Note: Safety latch may be set so that it does not automatically engage by raising the latch and inserting the pin to hold it up. When transporting a container the pin should be removed so the safety latch will engage. The pin may be stored in the extra hole in safety catch, Item 15 on page P2 of this manual.

⚠ Caution: Do not attempt to load a container with faulty equipment. Check the condition of the hydraulic cylinders, hoses and forks.

Do not lift a container heavier than the rated capacity of the container carrier.

3. Back the truck up to the container to be lifted and align the forks with the container pockets. Continue backing until the forks extend through the pockets and container is against fork frame.

4. Raise the mast and tilt the forks up until the container clears the ground.

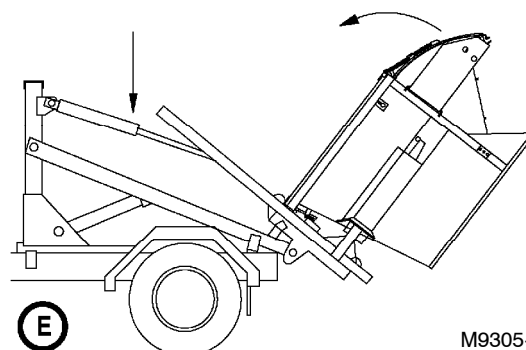


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TRANSPORTING A FRONT LOAD CONTAINER

5. To transport the container, lower the mast completely down and tilt the forks all the way up, so that full contact is made with all rest pads. (See Figure E)

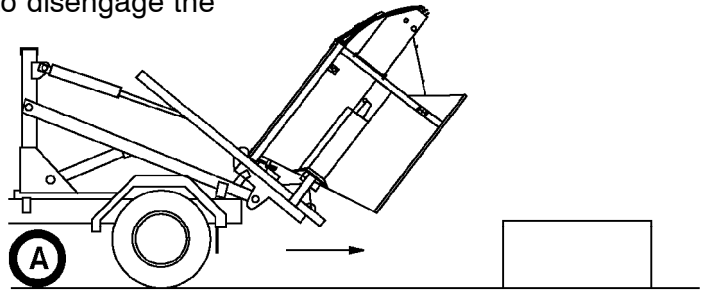
⚠ Caution: Do not move the truck with the container raised. A container in this high center of gravity position may cause the truck to roll over when turning or on unlevel ground.



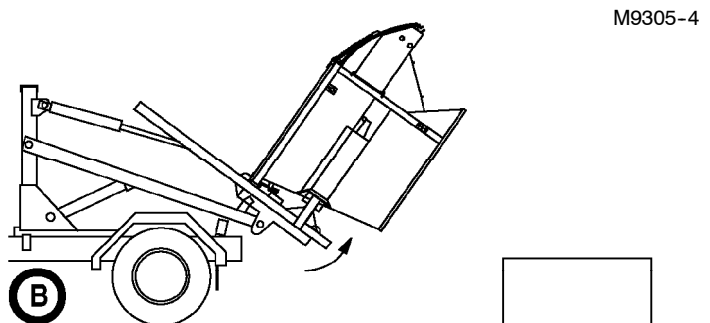
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PLACING A FRONT LOAD CONTAINER

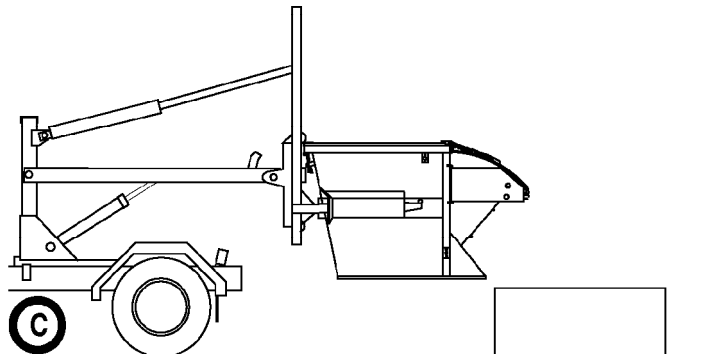
1. Back the truck up close to where the container will be placed (Figure A).
2. From the transport position the mast must be raised up a minimum of 2", before tilting the forks, to disengage the automatic safety latch (See Figure B).



3. Tilt the forks and raise the mast until the bottom of the container is higher than and parallel with the surface on which you want to set the container (See Figure C).

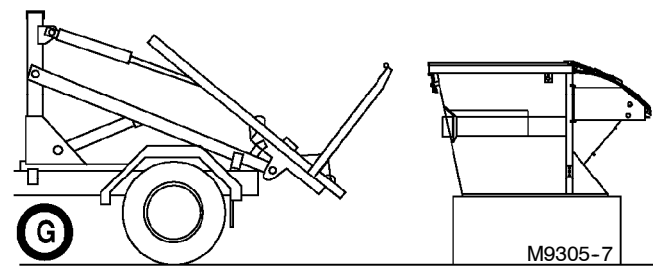
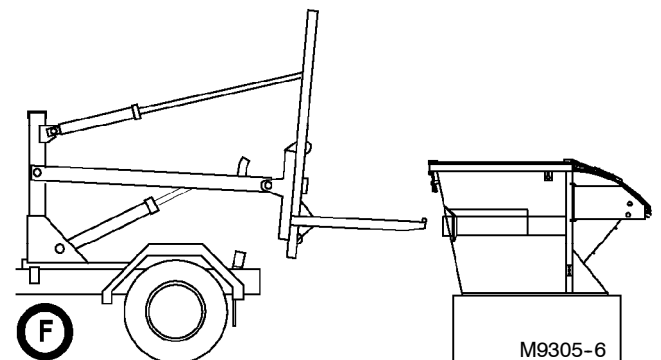
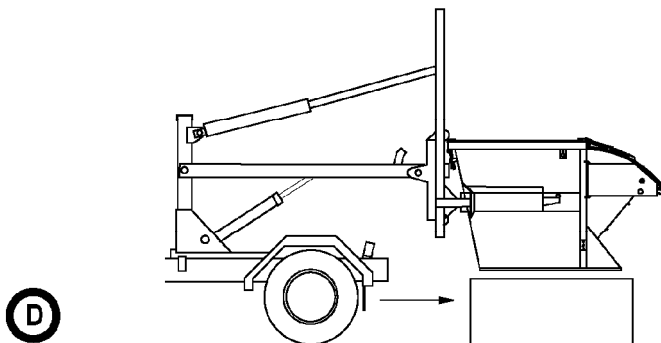
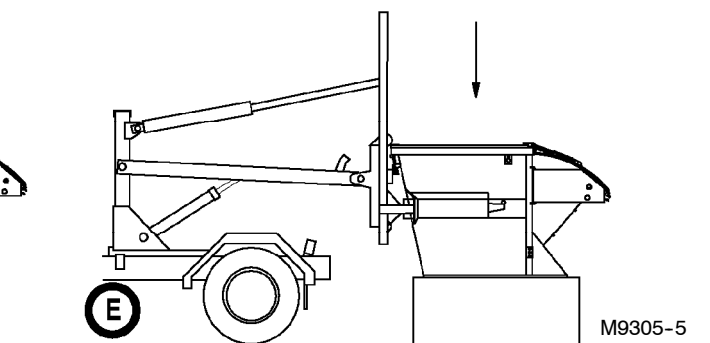


4. Back the truck up until the container is centered over the area where you want to set it (See Figure D).



5. Slowly lower the mast and tilt the forks, to keep the container level, until the container bottom is in full contact with the surface where it will sit (See Figure E).

6. Tilt the forks down just enough to clear the container pockets and slowly pull the truck forward until the forks are out of the container pockets (See Figure F).



OPERATION OF ROTATOR

⚠ Caution: Do not lift a container heavier than 8,000 Lbs. maximum.

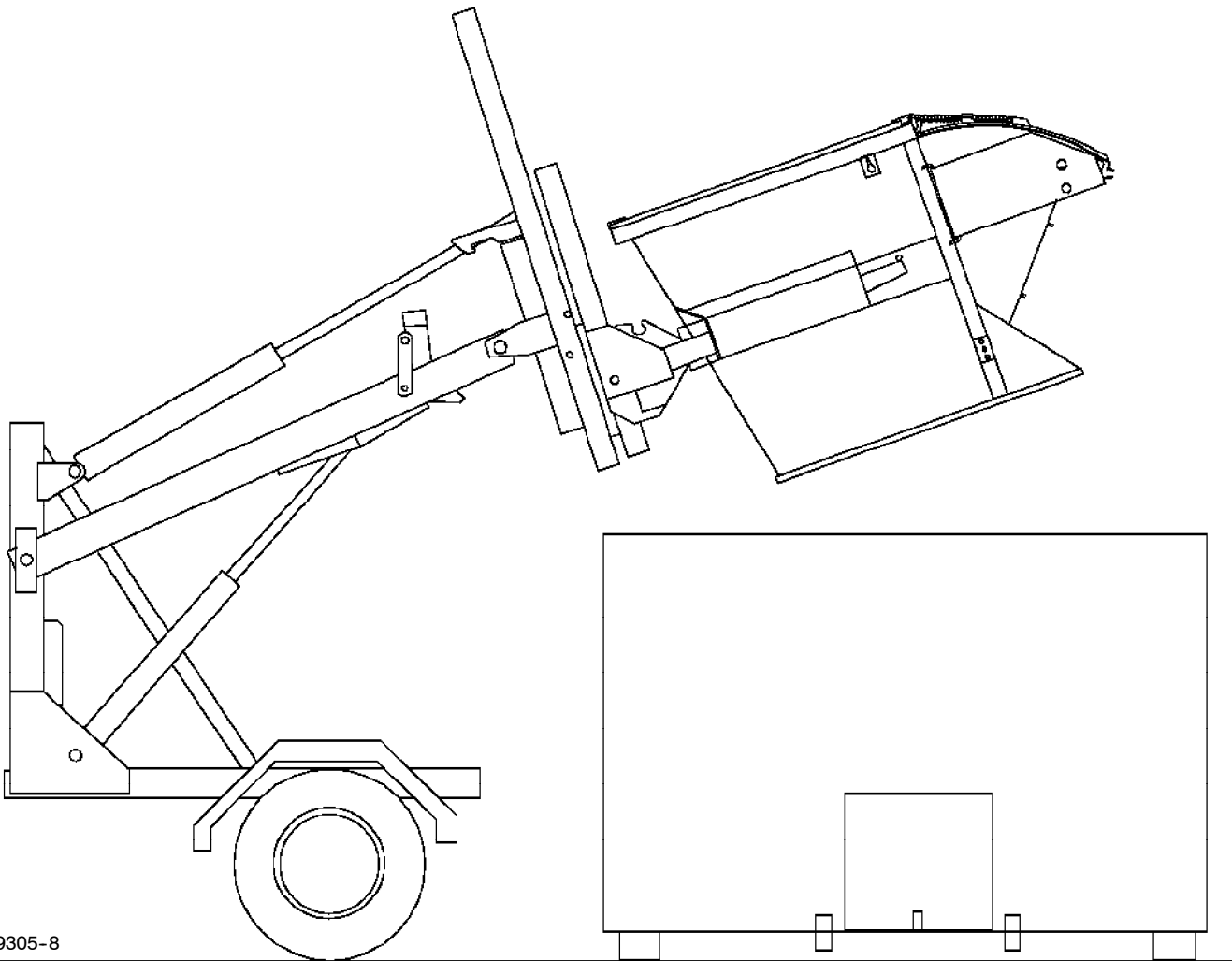
Do not rotate fork carriage with forks in stored position.
Possible damage to fork carriage may result.

Do not use rotator with rear load container.

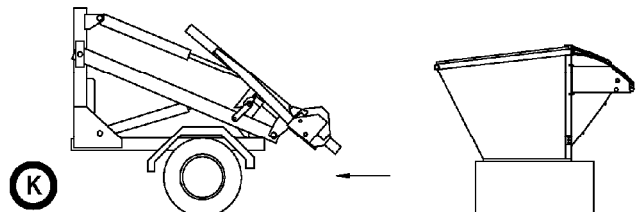
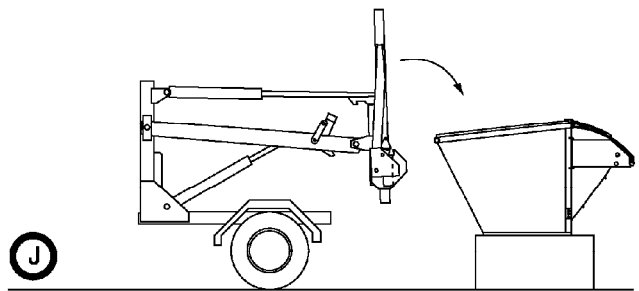
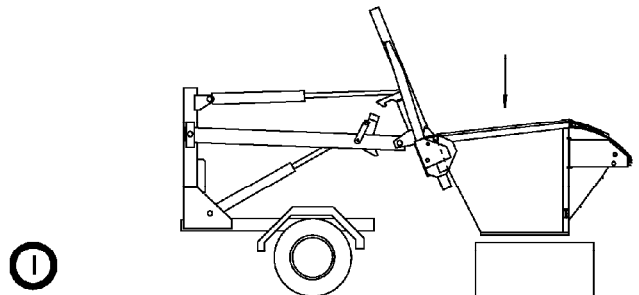
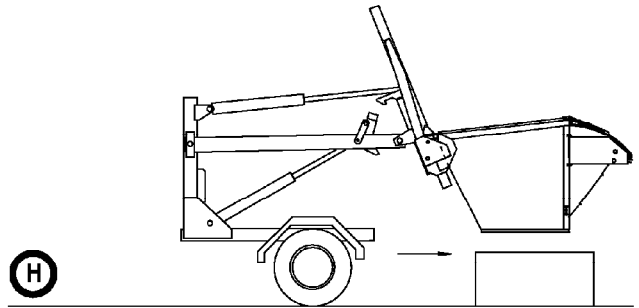
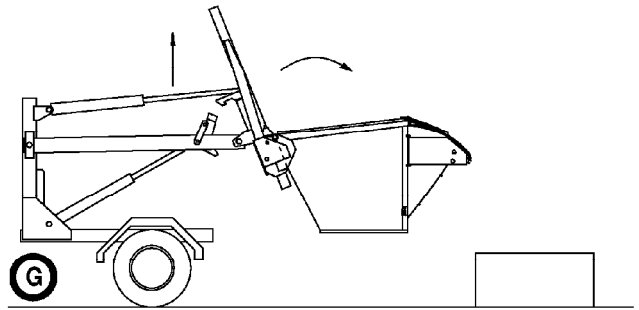
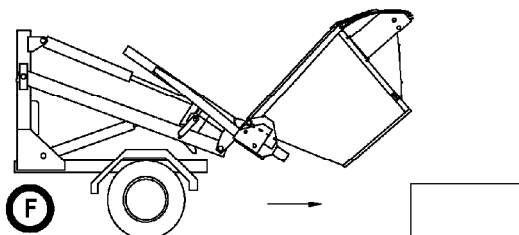
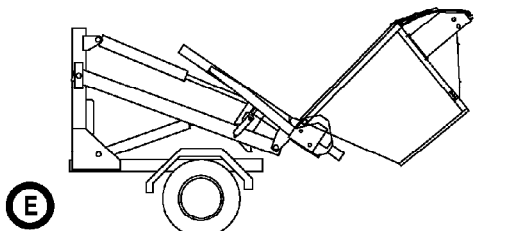
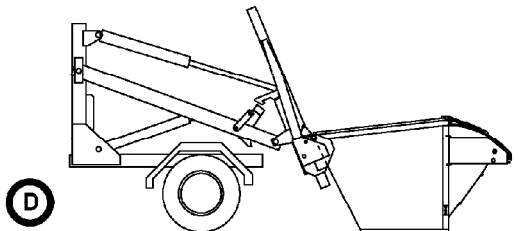
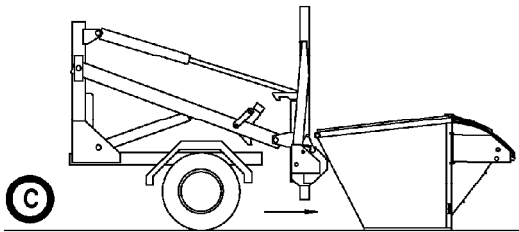
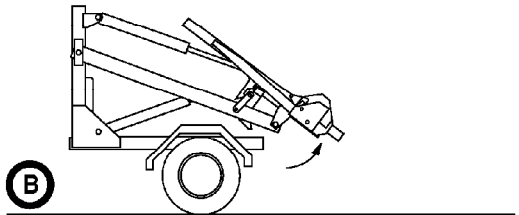
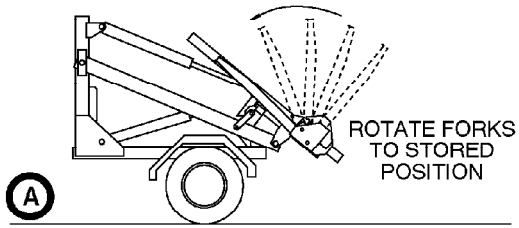
1. Tilt forks up approximately 15° before rotating the container. (See illustration below.)

⚠ Caution: Failure to tilt forks up before rotating container may result in container sliding off of forks with possible damage to equipment and injury to personnel.

2. Slowly rotate fork carriage to empty container. (See illustration below)



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TRUNNION STOP
UNLOCKED POSITION

Figure #1

TRUNNION STOP
LOCKED POSITION

Figure #2

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LIFTING A REAR LOAD CONTAINER



Caution: Be sure that the area in which the container carrier is to be operated is clear of personnel; obstacles overhead, and on the ground.

1. If the forks are in the extended position, manually rotate them to the stored position and lock in place with the fork stop pin (Figure A). Make sure both trunnion bar stops are in the 'unlocked' position.
2. Engage the pump and raise the mast up a minimum of 2" before tilting the forks, to disengage the automatic safety latch (Figure B). **IMPORTANT: FAILURE TO LIFT FORKS BEFORE TILTING MAST WILL RESULT IN OVERLOADING AND POSSIBLE DAMAGE TO SAFETY LATCH.**
Note: Safety latch may be set so that it does not automatically engage by raising the latch and inserting the pin to hold it up. When transporting a container, the pin should be removed so the safety latch will engage. The pin may be stored in the extra hole in the safety catch, Item 15 on page P2 of this manual.
3. Back the truck up to the container to be lifted and align the trunnion slots with the container trunnion bars. Continue backing until the slots are under the trunnion bars (Figure C).
4. Raise the mast until the trunnion bars are securely located in the slots and tilt the forks up to make the rubber bumpers contact the container. Put both trunnion bar stops in the 'locked' position. Then raise the mast up to lift the container (Figures D & E).

TRANSPORTING A REAR LOAD CONTAINER

5. To transport the container, lower the mast completely down and tilt the forks up so that full contact is made with all rest pads.



Caution: Do not move the truck with the container raised. A container in this high center of gravity position may cause the truck to roll over when turning or on unlevel ground.

PLACING A REAR LOAD CONTAINER

1. Back the truck up close to where the container will be placed (Figure F).
2. Set both trunnion bar stops to 'unlocked' position (Figure #1).
3. From the transport position the mast must be raised up a minimum of 2", before tilting the forks, to disengage the automatic safety latch.
4. Tilt the forks and raise the mast until the bottom of the container is higher than and parallel with the surface on which you want to set the container. (Figure G).
5. Back truck up until container is centered over the area where you want to set it (Figure H).
6. Slowly lower the mast and tilt the forks, to keep the container level, until the container bottom is in full contact with the surface where it will set (Figure I).
7. Lower the mast to clear the container trunnion bars and slowly pull the truck forward until clear of the container (Figures J & K).
8. After the last container has been placed, lower the mast completely down and tilt the forks all the way up so that full contact is made with the rest pads and disengage the pump.

MOVING A LARGE REAR LOAD CONTAINER

⚠ Caution: Transporting large rear load containers or compactors that require attaching a chain to lift them can be dangerous. Sudden stops and other road hazards make it an unsafe practice. Therefore, we strongly discourage the transporting of large rear load containers.

However, if it becomes necessary to move a large container, use the following steps as a guide and proceed cautiously.

1. If the forks are in the extended position, manually rotate them to the stored position and lock in place with the fork stop pin. Make sure both trunnion bar stops are the 'unlocked' position.
2. Engage the pump and raise the mast up a minimum of 2", **before tilting the forks**, to disengage the automatic safety latch.

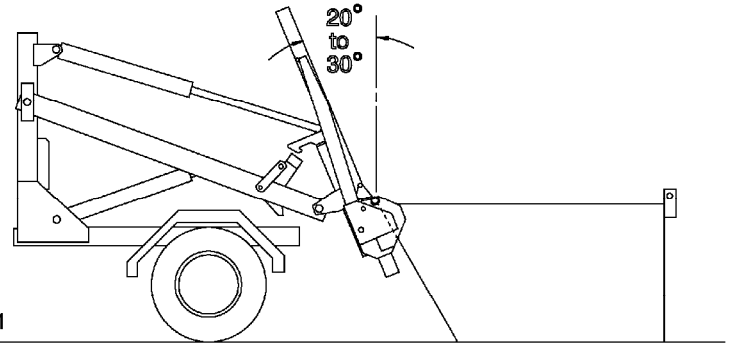


Figure 1

⚠ Caution: Do not attempt to lift a container with faulty equipment. Check the condition of the hydraulic cylinders, hoses and forks.

Do not lift a container heavier than the rated capacity of the container carrier.

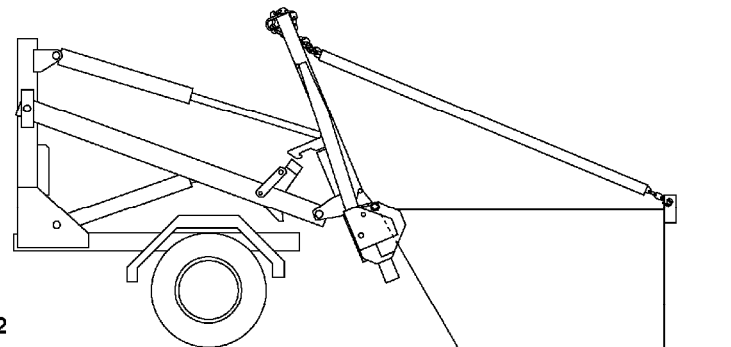


Figure 2

3. Back up the truck to the container to be lifted and align the trunnion slots with the container trunnion bars. Continue backing until the slots are under the trunnion bars.
4. Raise the mast until the trunnion bars are securely located into the slots and tilt forward as shown in Figure 1 above.

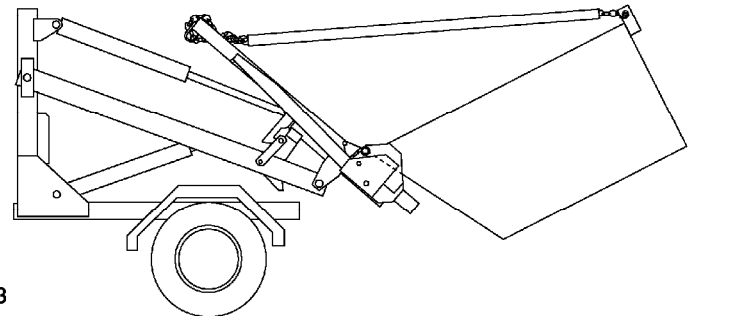


Figure 3

5. Attach a chain from the top of the fork frame to the attach point on the container. Run the chain through a pipe to prevent the container from tipping forward if the truck has to make a sudden stop.
6. Put both trunnion bar stops in the locked position and tilt forks until the chain is tight. (See Figure 2)

⚠ Caution: Use chain with safety hooks and sufficient tensile rating for the load being lifted.

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- Tilt the forks all the way up and lower the mast completely down until full contact is made with all rest pads (See Figure 3).

TO PLACE A LARGE REAR LOAD CONTAINER

Follow steps 1 through 8 under 'Placing a rear load container'.

SERVICE AND MAINTENANCE FOR THE CONTAINER CARRIER

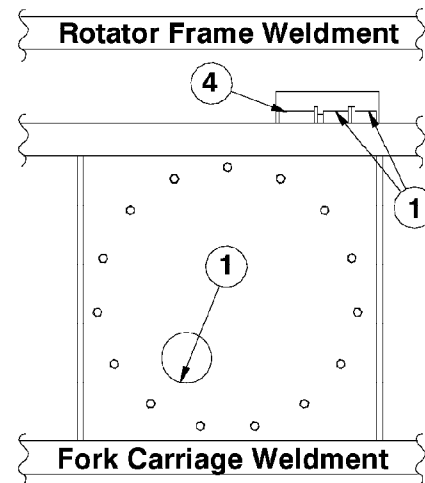
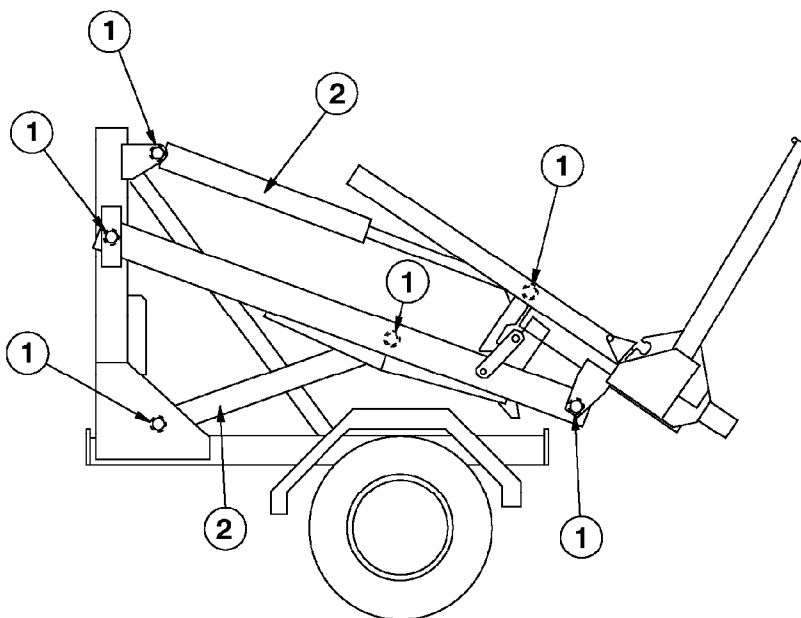
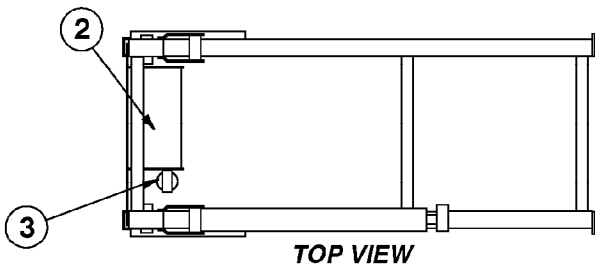
- A daily check should be made of the control cable, hoses, forks and lights. Inspect all bolts, pins and brackets to insure their safe and proper working condition. (Make repairs if needed before using.)
- GREASE:** All grease fittings should be properly greased after forty (40) hours of service as a minimum,

Note: After severe or heavy usage, greasing may be required in less than 40 (40) hours of service.

- HYDRAULICS:** The hydraulic oil (equal to Mobil DTE25) in the oil reservoir should be checked frequently and added if needed. Full level, with cylinders retracted, is middle of the dip stick. Oil that is dirty or that smells burnt should be replaced. If oil was thinned for cold weather operation, replace all of the oil in the spring. (Check with the oil manufacturer before thinning.)

SYSTEM OPERATION PRESSURE: 1,200 PSI.

- OIL FILTER:** The hydraulic oil filter should be replaced after thirty (30) days of service and regularly once a year thereafter.
- MECHANICAL:** All nuts, bolts, belts, etc., must be checked and properly re-tightened after one week in service and once a month thereafter.



- ① --- GREASE
- ② --- HYDRAULIC OIL
- ③ --- OIL FILTER
- ④ --- 85-140 GEAR OIL; GEAR BOXES PURCHASED AFTER 6/94 ARE PACKED IN GREASE

LUBRICATION CHART