

LOADOLL WHEEL LIFT

OPERATING INSTRUCTIONS

This publication will provide safe, efficient operating instructions for the Loadoll Wheel Lift. Please read it carefully before operating your new Loadoll Wheel Lift. The following safety precautions are intended to alert you to possible hazardous conditions. Read them carefully before operating the wheel lift.



NEVER CRAWL UNDER THE TRUCK OR TOWED VEHICLE DURING WHEEL LIFT OPERATIONS. NEVER CRAWL UNDER THE WHEEL LIFT AT ANY TIME. FAILURE TO COMPLY WITH THIS WARNING MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



NEVER STAND BETWEEN THE TRUCK AND TOWED VEHICLE. STANDING BETWEEN THE TRUCK AND TOWING VEHICLE MAY RESULT IN SERIOUS PERSONAL INJURY.



NEVER ATTEMPT TO CARRY MORE THAN 2500 POUNDS OF LOAD ON THE WHEEL LIFT. CARRYING MORE THAN 2500 POUNDS OF LOAD ON THE WHEEL LIFT MAY RESULT IN LOSS OF CONTROL OF THE TRUCK AND DAMAGE TO THE TRUCK, THE WHEEL LIFT, AND THE TOWED VEHICLE.



ALWAYS MAINTAIN AT LEAST 50 PERCENT OF THE TRUCKS ORIGINAL FRONT AXLE WEIGHT WHEN THE WHEEL LIFT IS LOADED. FAILURE TO MAINTAIN THIS MINIMUM WEIGHT RATIO MAY RESULT IN LOSS OF CONTROL OF THE TRUCK AND DAMAGE TO THE TRUCK, THE WHEEL LIFT, AND THE TOWED VEHICLE.



ALWAYS STRAP THE TIRES OF THE TOWED VEHICLE TO THE WHEEL LIFT BEFORE TRANSPORTING. FAILURE TO STRAP THE TIRES TO THE WHEEL LIFT MAY RESULT IN LOSS OF THE TOWED VEHICLE DURING TRANSPORT.



THE WHEEL LIFT SHOULD BE RETRACTED AS FAR AS POSSIBLE BEFORE TRANSPORTING, BUT NOT SO FAR AS TO PERMIT INTERFERENCE FROM THE TOWED VEHICLE DURING CORNERING.

Refer to **FIGURE 1-1** for proper terminology. The instructions for operating the Loadoll Wheel Lift are as follows:

RETRIEVAL:

1. Back the truck to directly in front of the vehicle to be towed, leaving a minimum of 6 feet between the two vehicles. Set the parking brake on the truck.

NOTE: The Loadoll Wheel Lift is designed to be used at various angles from the truck; however, the wheel lift must be aligned with the wheels of the towed vehicle so that when the wheel lift is extended, the wheel lift crossbar will be centered between the tires of the towed vehicle (See **FIG. 1-1**).

2. Tilt the truck frame while alternately keeping the wheel lift parallel with the ground; i.e. tilt the frame a small amount, then raise the wheel lift a small amount, tilt the frame some more, and raise the wheel lift some more, until the rear bumper of the truck contacts the ground.

NOTE: The truck bed should remain in the forward position for the entire wheel lift operation.

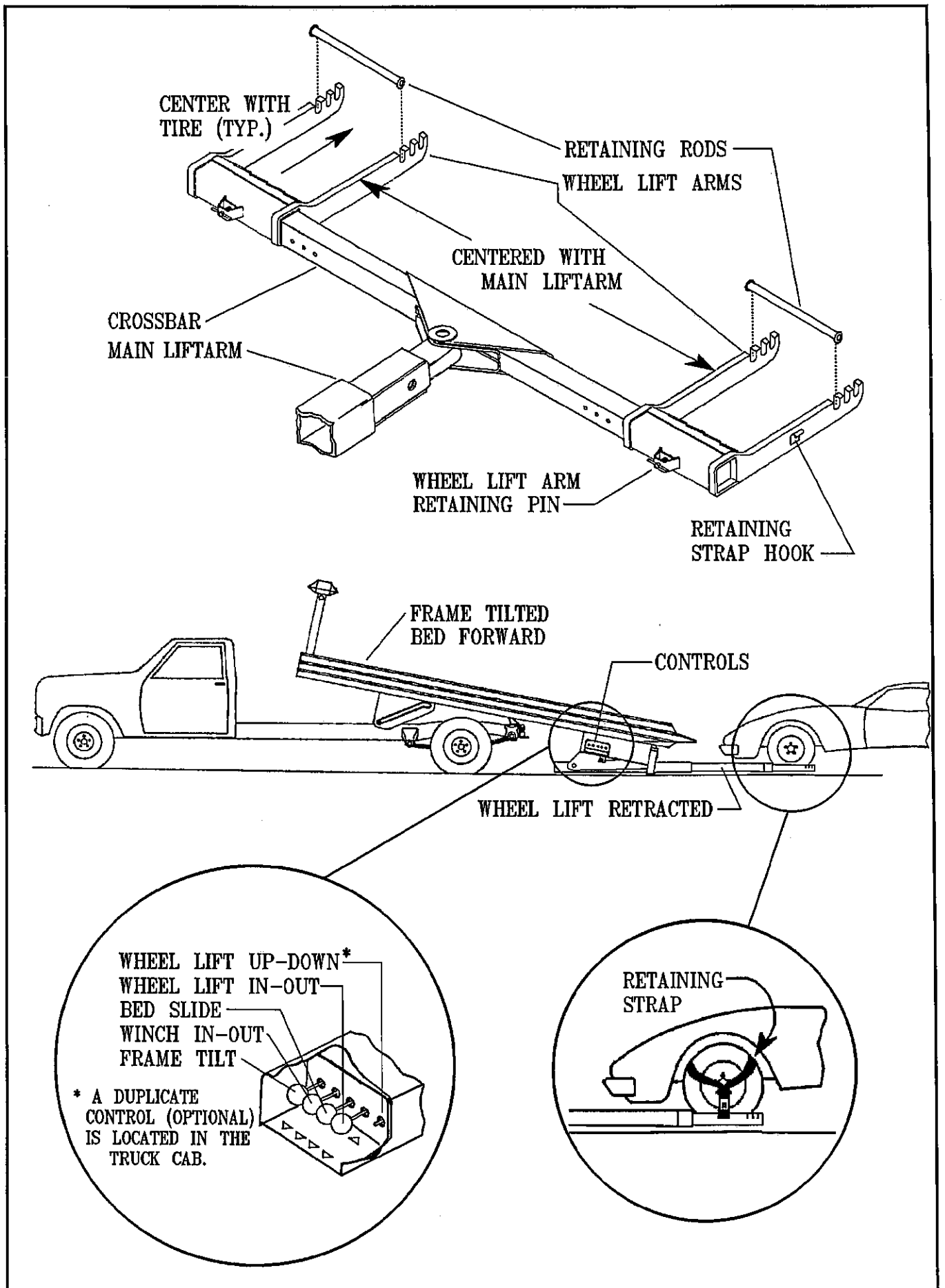


FIGURE 1-1 LOADOLL WHEEL LIFT TERMINOLOGY

3. Determine that the wheel lift arms are in the retrieve position; i.e. pointing away from the truck. If the arms are not in the retrieve position, slide them off of the crossarm and replace them in the opposite position.
4. Be certain that the towed vehicle is unable to move by applying its parking brake or chocking the wheels of the vehicle opposite the end by which you intend to tow it.
5. Adjust the wheel lift arms so that the center of each arm is an equal distance from the center of the wheel lift and aligned with the center of each tire of the towed vehicle.
6. Extend the wheel lift until the wheel lift arms extend along both sides of both of the towed vehicles tires.
7. Install the wheel retaining rods in the slots of the wheel lift arms behind both tires. Use the tightest setting possible.
8. Raise the wheel lift just high enough for the tires of the towed vehicle to come off of the ground.



ALWAYS STRAP THE TIRES OF THE TOWED VEHICLE TO THE WHEEL LIFT BEFORE TRANSPORTING. FAILURE TO STRAP THE TIRES TO THE WHEEL LIFT MAY RESULT IN LOSS OF THE TOWED VEHICLE DURING TRANSPORT.

9. Place the latches of the retaining straps on the hooks on the wheel lift arms and loop the retaining straps over each tire. Pull the straps down tight, release the brakes of the towed vehicle, and remove wheel chocks.
10. Tilt the truck frame back down to transport position, at the same time alternately lowering the wheel lift similar to the method used to raise the truck frame at the beginning of the wheel lift operation.



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11. Retract the wheel lift leaving enough clearance between the truck and the towed vehicle that the towed vehicle will not interfere with the truck's cornering capabilities.
12. Raise or lower the wheel lift as necessary to provide ample clearance between the ground and the rear of the towed vehicle.

NOTE: Uneven roads, dips, bumps, and ramps should be avoided whenever possible. Never exceed ten miles per hour when one of these, or similar obstacles must be encountered. Proceed slowly while stopping occasionally to check the position of the towed vehicle. It may be necessary to raise or lower the wheel lift slightly to clear one of these type obstacles. Failure to exercise these cautions when encountering these types of obstacles may result in loss of the towed vehicle from the wheel lift resulting in damage to the wheel lift and/or the towed vehicle!

DISCONNECT:

1. Locate the towed vehicle in an open, level area. Apply the truck's parking brakes.
2. Tilt the truck frame while alternately keeping the wheel lift parallel with the ground; i.e. tilt the frame a small amount, then raise the wheel lift a small amount, tilt the frame some more, and raise the wheel lift some more, until the rear bumper of the truck contacts the ground.

NOTE: The truck bed should remain in the forward position for the entire wheel lift operation.

3. Extend the wheel lift, pushing the towed vehicle away from the truck.
4. Set the brakes of the towed vehicle and chock the wheels opposite the end the vehicle was towed from.
5. Remove the retaining straps and the retaining bars from behind the towed vehicle's tires.
6. Fully retract the wheel lift.
7. Slide the lift arms off the crossbar and replace them on the crossbar in the storage position (pointing towards the truck).
8. Lower the frame of the truck until it is completely down.
9. Raise the wheel lift to a horizontal position, making sure that the rear lights of the Loadoll are not obstructed from sight in any way before moving the Loadoll.

NOTES:
