



# MANITOWOC LIFTS

## IMPORTANT! OPERATING INSTRUCTIONS FOR MANITOWOC LIFTS FREE FLOOR ASYMMETRIC LIFT (POST THESE INSTRUCTIONS NEAR OPERATING CONTROLS)

Automotive lifts should be operated by trained personnel only. If you do not know how to position or lift a vehicle properly, do not guess; get training. Start by reading these operating instructions, the booklet "Lifting It Right", and the "Automotive Lift Safety Tip" sheet, furnished with the lift. Also refer to the vehicle manufacturer's service manual for proper lift points and lifting procedures.

### OPERATING INSTRUCTIONS

1. Rotate the swing arms to rear, so that they are parallel to the base angles. In this position, the car can be driven onto the lift without striking them.
2. Drive the car onto the lift so that it is centered side to side between the columns and positioned, (front to rear), so that the center of gravity is located where the vehicle center of gravity location is shown on the inside of the base angle. In most cases, the center of gravity on rear wheel drive cars is at the center of the front seat. On front wheel drive cars, the center of gravity is just in front of the driver's seat.
3. The position of the wheel locator plate do not dictate where a vehicle is to be positioned. It is provided only as a reference point to assist the lift operator in locating vehicles. The wheel locator has 3 positions. The vehicle can be positioned in front of, centered on, or behind it.
4. Position and adjust height of pads to level vehicle and provide equal weight distribution on all four lift pads. Do not locate pad on a slanted surface, on a damaged surface, or surface covered with grease and oil, or anything else that may cause pads to slip, insure that the contact point is centered on the lifting pad, avoiding edges.
5. Lock swing arms in position by pushing handle down on arm restraint.
6. **TO RAISE LIFT:**
  - A. Push the control button and hold it in while upward motion is desired. Release the control button to stop upward movement. The auto lock is engaged while going up.
  - B. When the lift first makes contact, recheck points of contact.
  - C. Raise vehicle 3" to 4" and push down on end of vehicle several times to insure stability.
7. **TO LOWER LIFT:**
  - A. Disengage the auto lock by pushing down on the release lever located on both carriages. If the release lever cannot be moved, the auto lock is engaged and the lift must be raised slightly to disengage it.
  - B. Pull down on the control lever and continue to hold it down while movement is desired. Release the control lever to stop the downward motion.
  - C. Always re-engage safety latches, manually, every time the lift is only partially lowered, by pushing up on the release lever on each carriage.
8. After the lift has been lowered, release swing arm restraint by lifting handle up on arm restraint and place the swing arms to the rear and parallel to the car, so that they will clear the wheels when driving the car from the lift.

### CAUTIONS

- CAUTION:** When operating all lifts, check to insure vehicle is unoccupied, doors are closed and by-standers are away from the lift.
- CAUTION:** To insure vehicle stability on drive through lifts, spread swing arms as far apart as possible.
- CAUTION:** Do not operate lift with automatic lock disconnected or malfunctioning. Do not defeat this system by modifying, removing parts or disarming the system in any way. Should an accident occur, you may be subject to criminal or civil liability because of such actions.
- CAUTION:** Do not use lift if it shows any signs of unusual or abnormal operation, i.e. jumpiness, oil loss, abnormal rate of descent or other problems, until inspected and repaired by a qualified repair person.
- CAUTION:** Do not use lift to raise one end of a vehicle.
- CAUTION:** Do not exceed the rated capacity of the lift.
- CAUTION:** Controls are of the "Deadman" type (stops lift when released) and this safety feature must not be defeated.
- CAUTION:** Do not raise vehicles with blocks as additional height adapters. Use MANITOWOC LIFTS special adapters only.
- CAUTION:** Do not defeat, modify, or remove any component from the lift or operate the lift in an unmaintained condition.

**(POST THESE INSTRUCTIONS ALONG WITH INSPECTION AND  
MAINTENANCE INSTRUCTIONS NEAR THE LIFT OPERATING CONTROLS).**