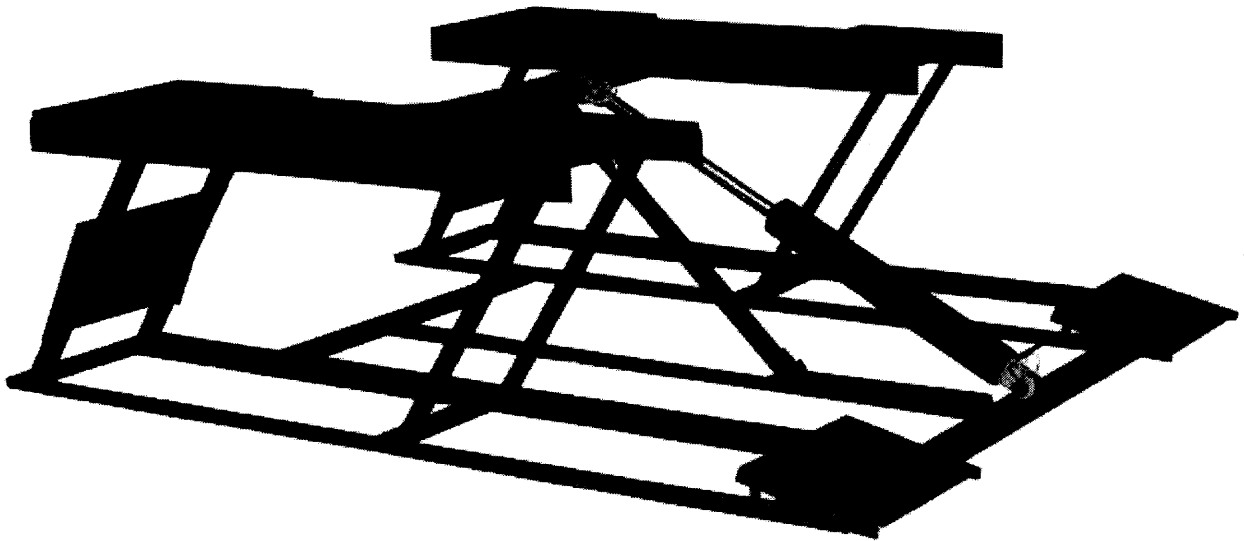




INSTALLATION and OPERATION MANUAL



**6K LOWRISE
SL60P 1 - R/B**

**READ and SAVE THIS
INSTRUCTION MANUAL**

SHIPPING PARTS LIST

SL60P □1

___ 1 Lifting Frame Assembly with Rubber Pads and Cylinder

___ 1 Pump and Parts Box including:

1 - Hydraulic 115 Volt Pumping Unit & Oil Reservoir

1 - Pumping Unit Mounting Stand with Nuts and Bolts

1 - Eleven Foot Length of Hydraulic Hose

4 - 1/2" x 2-3/4" Cement Anchor Bolts

4 - Height Adapters

1 - Safety Tip Card, 1 - Safety Warning Plaque,

1 - Service Manual and 1 Warranty Registration Card

MISSING PARTS

It is important to notify the delivery carrier immediately if any parts are damaged or missing from shipment

FOOTING SPECIFICATIONS

Requires a minimum thickness of 3-1/2" of 3000 PSI Concrete with steel reinforcing. Maximum slope of 1/16" per foot. Always pay special attention to the condition of the concrete such as age, cracking, chipping, and levelness.

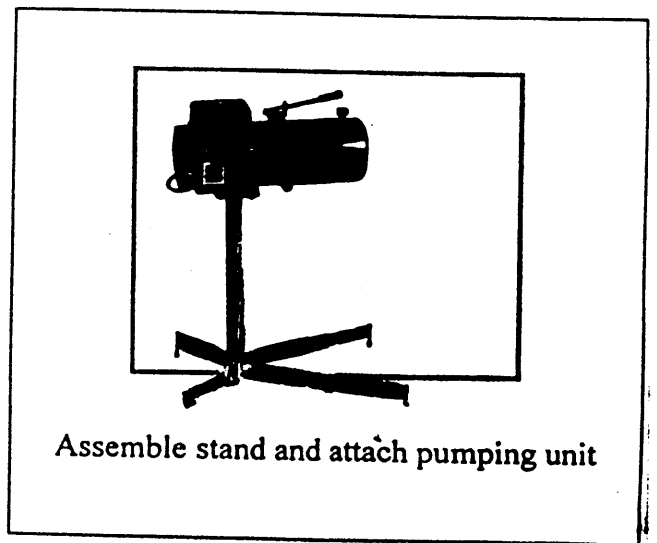
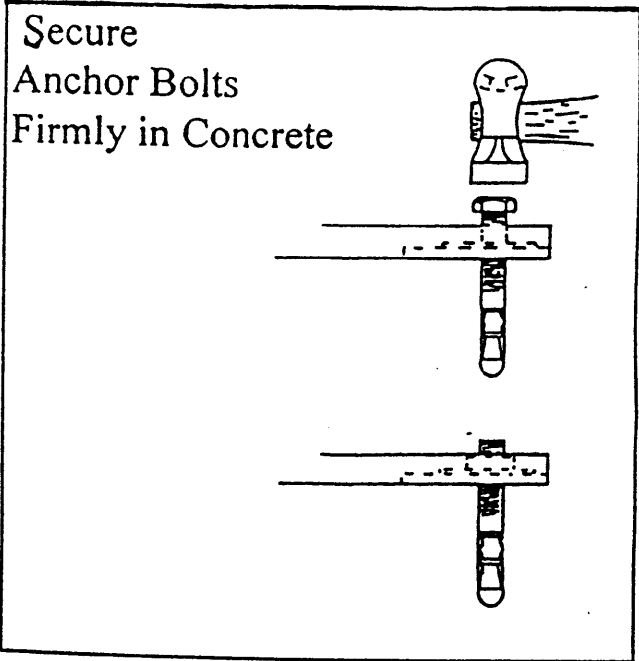
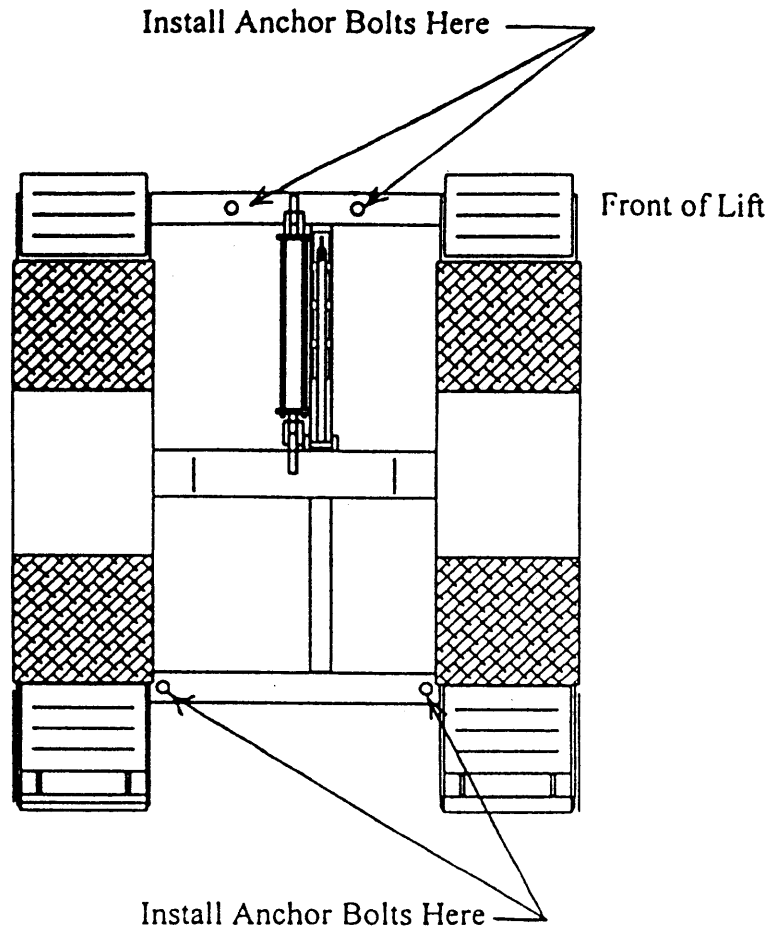
INSTRUCTIONS

BEFORE INSTALLATION;

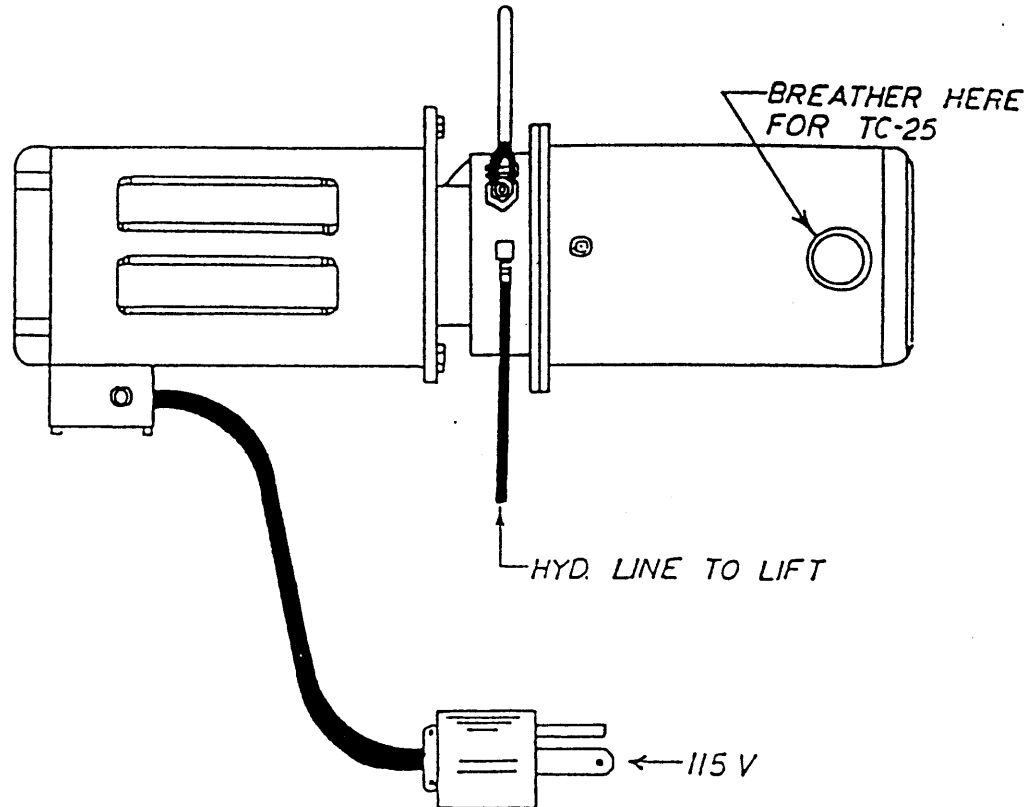
1. Inspect complete unit and report any damage to delivering carrier immediately.
2. Remove protective packaging.

INSTALLATION:

1. Position unit on a flat floor allowing a minimum of 6 feet. from center of lift to side obstructions and 12 feet from center of lift to front or rear obstructions (Lift cylinder is on front end of lift.)
- 2) Mark bolt holes on concrete floors. (Four 1/2" x 2-3/4" wedge anchor bolts are provided.)
- 3) Move unit aside and drill 1/2" holes at least 2-3/4" deep.
- 4) Move unit into position over bolt holes.
- 5) Tap bolt assemblies through lift frame and into concrete. Snug nut without over-tightening. Remove any bolt assembly that does not grip concrete firmly and open expansion sleeve before reinstalling.
- 6) Inspect to make certain lift sits firmly on floor. There should be no twisting or rocking motion in the base unit.
- 7) Remove pumping unit from box and install legs (See page #4)
- 8) Pass hose under ramp lip in front of base unit and attach to both cylinder and pumping unit.
- 9) Fill pumping unit with a premium grade of AW-32 hydraulic oil, making certain that funnel and can opener are perfectly clean. Even the smallest lint particle can prevent check valve from seating and cause the lift to settle under load. (If this occurs, see "Trouble Shooting Section on page 8) Recommended oil : Pennzoil – Pennzbell AW-32 Hydraulic Oil ISO-32
- 10) Bleed system by loosening hose fitting at cylinder. Wiggle toggle switch on pump back and forth to force oil through the line and expel air out loose fitting.
- 11) Tighten fitting when stream of oil appears and refill reservoir to within 1-1/2" of top.
- 12) Check for leaks by raising lift to full height and continue keeping toggle switch engaged for a few seconds allowing pump to bypass at full pressure.
- 13) Tighten fittings as necessary (A great deal of torque is required to seal this high pressure system).
- 14) The pump unit is intended to be plugged directly into the wall outlet. If not, a minimum of 12 gauge extension cord provided with a grounding conductor is required.



TC-25 Pumping Unit



Bleeding Process

At bottom of piston stroke, quick cycle unit to bleed out air pockets in lines and cylinder.

Place vehicle on lift and raise a few inches then lower all the way down. Repeat several times as quickly as possible then refill pumping unit.

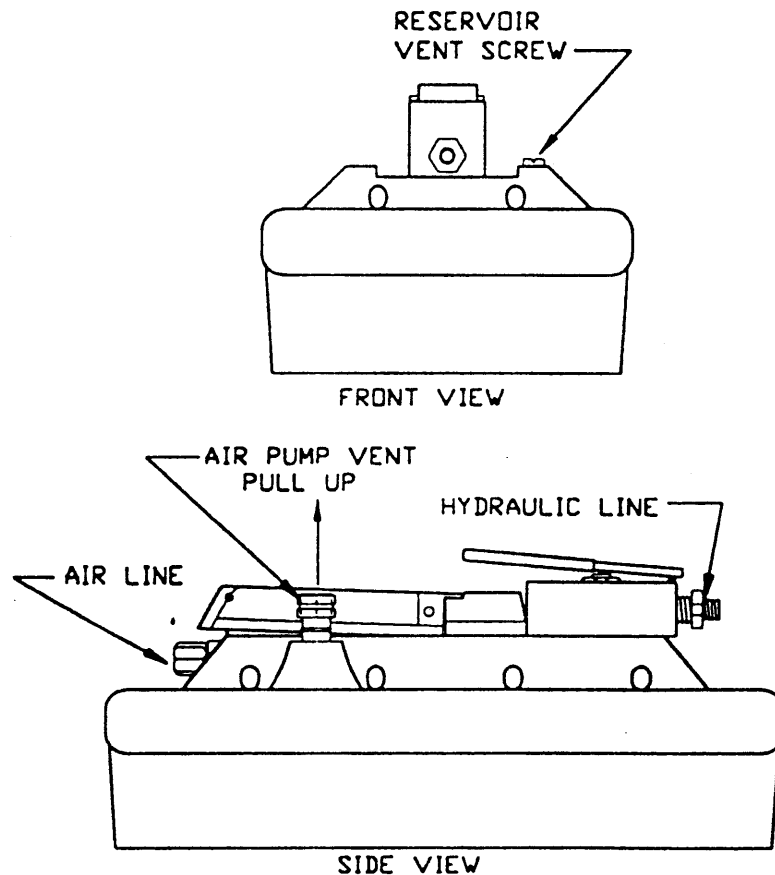
FOR AIR OPERATED PUMPS

Air foot control unit should be located on the floor along side the lift. Pass the hydraulic hose through the right corner of frame base and attach to cylinders and pumping unit . Unit is filled with oil. When oil needs to be added, use AW-32 Hydraulic Oil.

NOTE: The air hose fitting for attaching the hose to your air system is not supplied by Western.

Important

Before operation of air pump, open Air pump vent by pulling up vent plug.
Back off reservoir vent screw several turns.



OPERATION

Operators of this lift should be trained authorized personnel

BEFORE LIFTING;

1. After making certain lift is in fully lowered position, drive car slowly over cushions until front wheels are no more than a few inches in front of superstructure. Rear engine vehicles should be positioned with rear wheels close to superstructure. DO NOT turn steering wheel while tires are crossing cushions.
2. Check to make certain car is fairly well centered left to right on lift.

LIFTING:

1. Hold toggle switch on pumping unit in "ON" position until locking leg drops into one of the three lifting height locking positions.
2. Rock vehicle to check for stability.

LOWERING:

1. After making certain lifting area is clear of people, electric cords, hoses, etc., raise lift to full height to disengage locking device.
2. Press valve lever down until lifting structure lowers to within a few inches of floor then lower slowly until lift is in full contact with floor.

AFTER LOWERING:

1. Drive car off lift without turning steering wheel while tires are crossing cushions.

DAILY INSPECTIONS AND MAINTENANCE

Inspect Regularly for:

1. Overload cracks in welds and metal fatigue.
2. Misalignment of working parts.
3. Hydraulic leaks
4. Low fluid level in pump reservoir. DO NOT use automatic transmission fluid. Use only petroleum based AW-32 hydraulic oil.
5. Lubricate all moving parts
6. Check locking latch for smooth and proper operation.

TROUBLE SHOOTING

- 1) Motor does not run:
 - A. Breaker tripped or fuse blown.
 - B. Motor thermal overload tripped. Wait for overload to cool.
 - C. Defective control switch. Replace switch.
 - E. Faulty wiring connections. Call electrician.

- 2). Motor runs but the lift will not hold a load.
 - A. A foreign object under check valve. Push handle down and push "raise" switch. Foreign matter should release under pressure.
 - B. Remove check valve. Clean ball and seat and replace the nut.
 - C. Oil level low, check oil reservoir. With lift cylinder (cylinders) in the "down" position, pump reservoir should be full.

3. Motor runs but the lift picks up partial load only.
 - A. Lift is overloaded. Check capacity of lift and weight of vehicle.
 - B. Relief valve setting is too low. Remove back hex cap on pump and adjust valve clockwise.
 - C. Hydraulic seals damaged (call factory for instructions).

4. Oil blows out of breather:
 - A. Oil reservoir overfilled.
 - B. Lift lowered too quickly while under heavy load.

5. Lift makes groaning sound when raising or lowering.
 - A. Bleed cylinder manually.
 - B. Add an ounce of oil to the air side of the piston.

RECOMMENDED SAFETY TIPS

The Manufacturer of this lift strongly suggests that these safety tips be posted for easy reference by shop owner and operators of the lift. Operators of this lift should be trained authorized personnel.

1. A general inspection of the lift should be made daily. DO NOT operated the lift if you believe it is malfunctioning or in need of repairs.
2. DO NOT allow customers or by-standers to operate lift or to be in lift area during operation. Never rise vehicles with anyone inside vehicle.
3. Any area surrounding the lift area should be kept clean of debris and grease or oil, and clear of obstructions.
4. Always check to make sure lifting surface is in proper position to vehicle.
5. Never overload your lift beyond manufacturer's stated capacity.
6. Check to be sure height blocks are in secure contact with vehicle and check vehicle for stability and balance before lifting.
7. LOWERING: Properly prepare for lowering by making certain the area is clear of tools, etc. Release locking device as per manufacturer's instructions before attempting to lower.
8. Be certain to maintain your automotive lift according to the manufacturers' recommendations.