

Original Instructions
Two Post Car Lift
User's Manual

Model: STD-5055M, STD-5055E



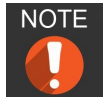
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1. Safety Information

1.1 The Note, Caution and Warning

This document uses the following conventions—Note, Caution and Warning – to remind you to special instructions, tips, or hazards for a given procedure. Please familiarize yourself with the conventions described below.



Indicates the important information that requires special attention, such as a procedure for a specific vehicle, or tips on operating the equipment.



Indicates the potential for damage to equipment, accessories, or the vehicle unless you follow the instructions or procedure exactly.



Indicates the potential for property damage, personal injury, or death due to hazards associated with the equipment, vehicle, or environment. Do not perform any procedure until you have read and understood the warning instructions.

1.2 Very Important Information

1. Please read this manual thoroughly before installing, operating, or maintaining on this lift.
2. This lift is designed for indoor use, and should not be installed in a pit or depression.
3. The floor on which the lift is to be installed must be **200 mm minimum thickness concrete, with a minimum compressive strength of 3000 psi, and reinforced with steel bar.**
4. The lifts have specific electrical requirements as described in the Installation Instructions section of this manual.
5. This lift has a minimum ceiling height requirement as described in the Installation Instructions section of this manual.
6. Failure by the owner to provide the **recommended shelter, mounting surface, electrical supply, and ceiling height** could result in unsatisfactory lift performance, property damage, or personal injury.
7. Only users aged 18 or above who have been trained on how to operate the lift and have proven their ability to do so is allowed to use the lifts.

1.3 Safety Instructions

1. **Do not** raise a vehicle on the lift until the initialization is completed as described in this manual.
2. Technicians should be trained to use and care for the lift by familiarizing themselves with the publications listed above. The lift should **never be operated by an untrained person**.
3. Always position the arms and adapters properly out of the way before pulling the vehicle into, or out of the bay. Failure to do so could damage the vehicle and/or the lift.
4. **Do not overload the lift.** The capacity of the lift is shown on cover of this document and on the lift's serial number tag.
5. Positioning the vehicle is very important. Only trained technicians should position the vehicle on the lift. **Never allow anyone to stand in the path of the vehicle as it is being positioned and never raise vehicle with passengers inside.**
6. Position the arms to the vehicle manufacturer's recommended pickup points. Raise the lift until contact is made with the vehicle. Make sure that the arms have properly engaged the vehicle before raising the lift to a working height.
7. Keep everyone clear of the lift when the lift is moving, the locking mechanism is disengaged, or the vehicle is in danger of falling.
8. Unauthorized personnel should never be in the shop area when the lift is in use.
9. Inspect the lift daily. **The lift should never be operated if it has damaged components, or is malfunctioning.** Only qualified technicians should service the lift. **Replace damaged components with manufacturer's parts, or equivalent.**
10. **Keep the area around the lift clear of obstacles.**
11. **Never override the self-returning lift controls.**
12. Use safety stands when removing or installing heavy vehicle components.
13. Avoid excessive rocking of the vehicle when it is on the lift.
14. To reduce the risk of personal injury, keep hair, loose clothing, fingers, and all body parts away from moving parts.
15. To reduce the risk of electric shock, **do not** use the lift when wet, do not expose the lift to rain.
16. To reduce the risk of fire, **do not** operate equipment in the vicinity of open containers of flammable liquids (gasoline).
17. Use the lift only as described in this manual, **use only manufacturer's recommended attachments.**

18. **Unusual vehicles, such as limousines, RVs, and long wheelbase vehicles, may not be suitable for lifting on this equipment.** If necessary, consult with the manufacturer or the manufacturer's representative.
19. The troubleshooting and maintenance procedures described in this manual can be done by the lift's owner/employer. Any other procedure should only be performed by trained lift service personnel. **These restricted procedures include, but are not limited to, the following: cylinder replacement, carriage and safety latch replacement, motor replacement, control board replacement, oil replacement and refilling, lubrication.**
20. Anyone who will be in the vicinity of the lift when it is in use should familiarize themselves with following Caution, Warning, and Safety related decals supplied with this lift, and replace them if they are illegible or missing.
21. Only use on a level ground.
22. Wear necessary protective equipment's before use.

2. Technical Manual

2.1 Product Description

The 2-post hydraulic lift is a surface mounted, frame contact lift incorporating the latest safety technologies. Designed and manufactured for a lifting capacity of 5,500kg, is fully capable for lifting vehicles, vans and trucks and safely holding them in an elevated position.

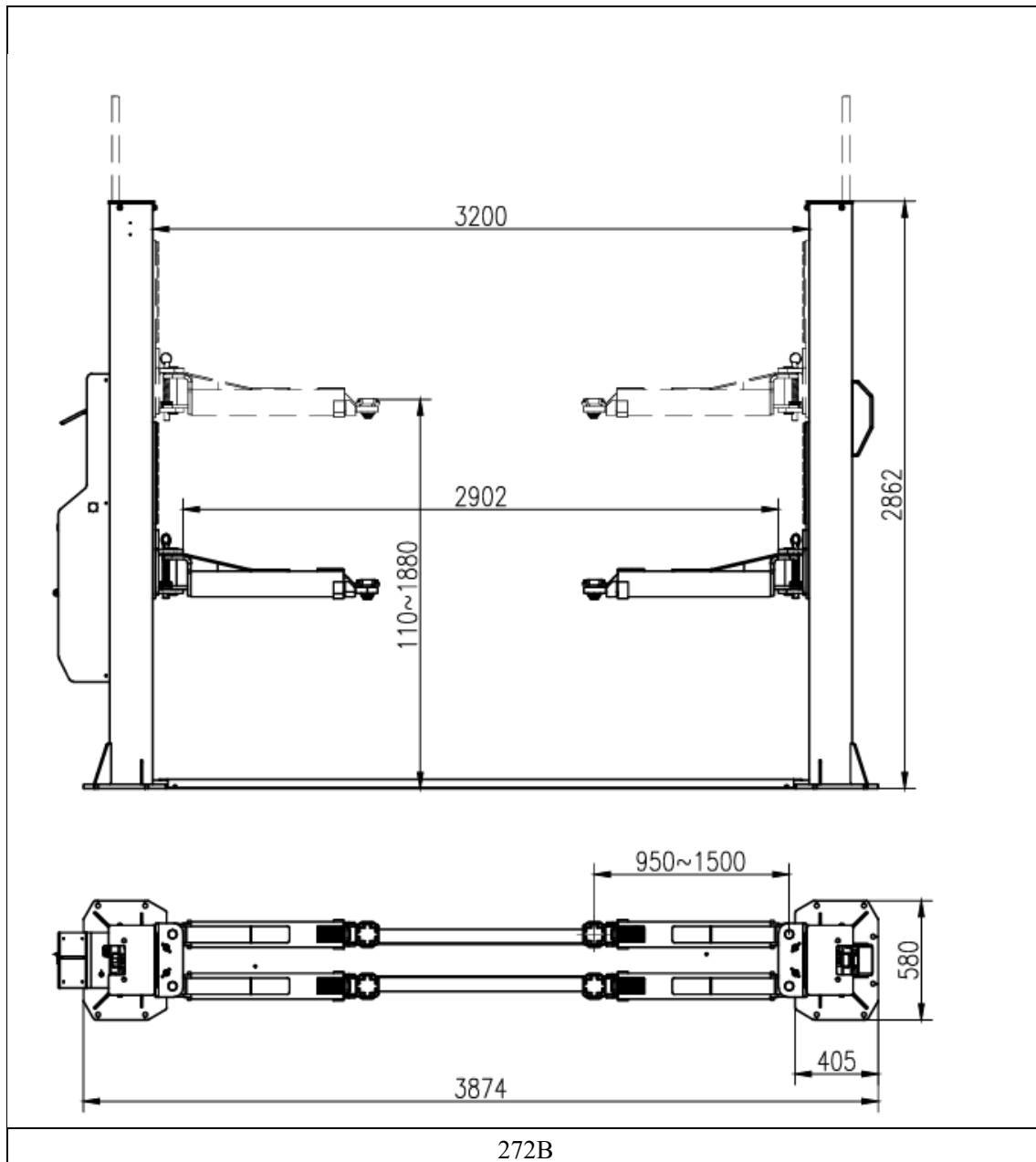
The lift is not intended to lift persons, but which are designed to raise vehicles totally, for the purpose of examining and working on or under the vehicles whilst in a raised position.

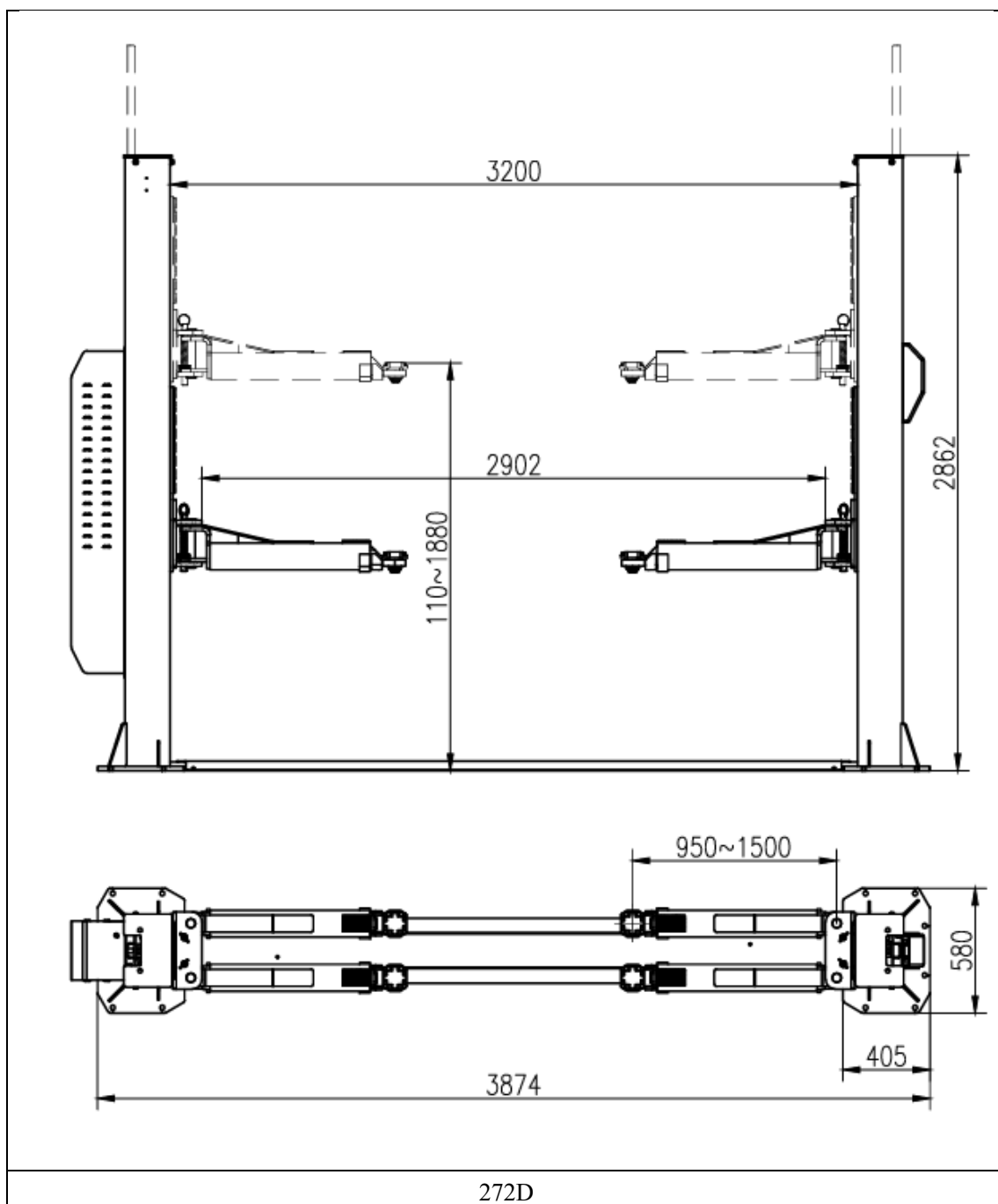
The 2-post hydraulic lift consists of a fixed structural unit (base and posts), the mobile unit (carriage and arms), and the hydraulic power system and safety devices.

2.2 Technical Data

Models	STD-5055M	STD-5055E
Lifting capacity	5,500 kg	5,500 kg
Overall height	2862 mm	2862 mm
Distance between post	2788 mm	2788 mm
Arm dimension	950-1500 mm	950-1500 mm
Supply	230V/400V, 50Hz	230V/400V, 50Hz
Motor power	3Kw	3Kw
Noise	<85 dba	<85 dba
Ambient Air Temperature	-25°C ~ +55°C	-25°C ~ +55°C
Ambient Air Humidity	≤80%	≤80%

2.3 Dimension





3. Installation and Commissioning

3.1. Site Selection

The hydraulic lift is designed only for indoor use. Application in a room with explosion hazard is not permitted. Setting in a wet place, a car wash center for instance, is forbidden.

3.2. Surface Condition

The 2-post hydraulic lift should be installed on level ground. The foundation must be 200mm minimum thickness concrete, with a minimum compressive strength of 3,000 psi, reinforced with steel bar.



Failure in accomplish the foundation requirement may cause the lift instability or personal injury. Installing on asphalt, soft clay floor or near the expansion gap is prohibited.

3.3. Tools and PPE Required

Tools requires for installation:

Concrete hammer drill.	Open end wrench
Torque wrench	Deep socket or wrench
Socket	Level (450 mm minimum length)
Vise grips	Tape measure
Funnel	Hoist or Forklift
Two 4-meter step ladders	Ratchet wrenches and sockets

Personal protection equipment's requires for installation:

Hard hat	Goggles	Ear plugs
Gloves	Safety shoes	Safety workwear

3.4. Installation Procedure

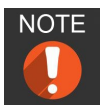


DO NOT USE THESE LINES TO POSITION THE LEGS, FOLLOW THE INSTRUCTIONS IN THIS MANUAL.

1. **Read this manual thoroughly before installing, operating, or maintaining this lift.**
2. **Site Evaluation and Lift Location:**
 - A. Always use an architect's plan when provided. Before unpacking the lift entirely, determine if the site is adequate for the lift model being installed and ceiling height requirements.
 - B. The Steel Reinforced Concrete floor must be level, have a minimum thickness of 4 inches, and retain a commercial rating of 3500 psi.
3. **Unpack the lift. Take out swing arms, accessories, power unit box.**
 - A. Remove the bolts from the uprights which hold the two legs together.
 - B. Remove the top leg. Do not stand legs up; instead lay the legs flat their backs on the floor.

3.5. Positioning the Post (Columns)

- A. Drill 3/4" x 5-1/2" (minimum depth) holes in the concrete floor using the holes in the base plates as guides. It is recommended that the lift to be located 10' – 12' from the nearest obstruction in front of the lift and 2' – 3' from the nearest obstruction on the sides of the lift.
- B. Assemble the washer and nut onto the anchor bolt with nut just below impact section of bolt.
- C. With a hammer, carefully tap the anchor bolt into the concrete until the washer is resting on the base of the column.
- D. Before tightening the nuts, level and plumb the columns, using the shims provided.



If more than 1/2" of shims is required to level the post, Do Not Use the Anchors supply with this lift. It will be necessary to purchase longer anchors for your application.

- E. When columns are level and plumb, tighten the nuts with a Torque Wrench to 150 ft-lb.

3.6. Installation

A. Fix mechanical safety lock assemblies.

Fix safety locking plates on each post.

B. Fix the slot base plate

Firstly, have the extending post firmly secured on to the body posts. This is only necessary when your lift is ordered with extending posts.

C. Connect steel cables

- (1) Route and fix according to the following diagram of steel cable connection.
- (2) Raise carriages on both sides approximately 800mm above the ground. Carriages must be on the same height from the floor.
- (3) Make sure that the mechanical safety locks in each post are fully engaged before attempting to route cables.
- (4) After the cable being fixed, adjust and make the cable at both sides be with the same tightness which could be judged by the sound emitted during lifting process. Make judge and adjustment after trial running.
- (5) Grease after being fixed. (It is a must.)

D. Power Unit Placement and Connection of the Hydraulic Hoses

- (1) Take the power unit from the box and locate the mounting hardware. Lift the unit up and slide the unit into position. Install the bolts and tighten securely.
- (2) Install the plastic push-in plug into the small brass elbow on the power unit tank.
- (3) The right side of the power unit from the controls has one open port. Attach the o-ring elbow to this port with the open end up.
- (4) Attach the hose hanging from the rubber grommet at the top of the leg to the elbow on the power unit.
- (5) Attach the hose hanging from the offside upright to the elbow at the bottom of the offside cylinder hand-tight.
- (6) To prevent the carriages from rubbing the hose, pull the hoses upward taking out any slack between the cylinder fitting port and the cylinder mount. Secure the hoses to the main side cylinder with wire tie around the tee and the cylinder, Secure the hose to the offside cylinder at approximately the same height with a wire tie.
- (7) Add fluid. Remove the fill level screw near the top of the power unit tank. Remove the fill-cap from the tank and fill hydraulic oil that meets **ISO-22**, until fluid reaches the bottom of the screw hole. Replace the fill screw and tank breather.

E. Connect wires.

F. Connect arms.

- (1) Locate the arms, arm pivot pins, and hardware. Place the arm clevis end into the clevis on the carriage. Place thrust washer on bottom side of carriage clevis.
- (2) Slide the pivot pins through the arms and carriage until it bottoms out.
- (3) Check the operation of the arm restraints. Make sure they engage and disengage properly.
- (4) Install the foot guard on the outside of the arm.

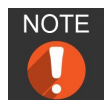
G. Fix the safety catch cover/large control box

H. Fill with hydraulic oil.

- (1) The volume of oil tank is 10L. To ensure the lift work normally, the amount of oil in it should reach 4/5 of the tank's total volume.
- (2) 32# anti-abrasion hydraulic oil for winter, 46# for summer.

3.7. Bleeding the hydraulic system

- A. Loosen the connections between the hoses and fittings attached to the cylinders. Do not loosen the connections between the fittings and the cylinders themselves.
- B. Run the power unit until fluid appears at the main side cylinder port. Tighten that hose connection.
- C. Run the power unit until fluid appears at the offside cylinder port and there is no more air. Tighten that hose connection.
- D. Lower the lift to the ground. If the lift is on the safety latches, raise the lift enough to disengage the latches and then lower.
- E. If the carriages were on the ground when the bleeding process was begun, no further bleeding is required. If not, repeat the previous steps for bleeding the hydraulic system.
- F. Add fluid to the system as previously described.



DO NOT OVER TIGHTEN THE BLEED PLUG

7. Adjusting the Equalizer Cables to Synchronize Carriages

Raise and lower the lift several times while listening to the clicking of the safety locks in each column. If the safety locks are not clicking in unison (at the same time), determine which carriage is running behind, and tighten (just a few turns) the adjustment bolt on the opposite side. When the cables are properly adjusted, they should feel fairly tight.

3.8. Final Assembly

- A. Check all nuts and bolts, making sure they are tight. Check the jam nuts on the equalizer cables for tightness.
- B. Check all of the hydraulic fittings for possible leaks. Check all the fittings for proper tightness.
- C. Make sure the Carriages are synchronized.
- D. Make sure posts are greased.

3.9. Preparation for Starting up

- A. The latch is **engaged** when was installed in the column and the limit switch is also initialized "CLOSE";
- B. The hydraulic oil should be ISO-22.
- C. Have a certificate electrician establish power supply to motor and switch. A protection against indirect contact (RCCB) need be provided by the user

3.10. No-load test:

- (1) Full inspection installation before using.
- (2) Press up button, if piston rod can extend explain the motor rotating is right.
- (3) Declined, operate down, machinery safety catch is opened and lift will lower.
- (4) First down the pulley to the lowest, then up the pulley. The crash in the ensure bond should be issued at the same time. If the sound has successively, then stop rising, make the pulley enter into the safety catch, observation which pulley first stop falling (advanced into the safety catch), with special socket spanner according to chart 3 tighten the pulley nut, further tightening synchronous wire rope. If necessary, it may be appropriate to relax the other wire rope. Until the crash sound and two pulley enter into safety catch basic synchronization. In the heavy load required polyphonic synchronization.

Synchronization is abnormal, do not rise the pulley to the limit position

3.11. Heavy load test:

- (1) According to the instructions of the operation, carry out heavy load test
- (2) In accordance with the requirements of polyphonic synchronous pulley
- (3) Full travel rises and down several times, observe whether the hydraulic pipeline leakage or not, safety catch is working properly. The lifting time and lifting height are all in line with the technical parameters, and the test load is over.

4. Operation

Be sure to read and familiarize yourself with the Safety Instructions at the beginning of this manual. Failure to follow Safety Instructions may result in property damage, personal injury or death.

4.1 Control panel layout drawings

		
	STD-5055M Lowering handle	STD-5055M Unlock handle
		
STD-5055M large control box		STD-5055E large control box

Controls for operating the vehicle lift are:

POWER SWITCH

The switch can be set in two positions:

- **0 position:** the lift electric circuit is not powered; the switch can be padlocked to prevent the use of the lift.
- **1 position:** lift electric circuit is powered

LIGHT

- It shows that the electric circuit is powered

EMERGENCY STOP

- When pressed, the motor is power off, lift cannot raise

BUZZER

- It sounds, if lift goes down

UP BUTTON

- When pressed, the motor and hydraulic circuit are operated and the lift goes up

DOWN BUTTON

- When pressed, the lift goes up a little, the safety catch is worked, then hydraulic circuit are operated and the lift goes down

LOCK BUTTON

- When pressed, the hydraulic circuit are operated, then the lift goes down and safety catch engages.

UNLOCK HANDLE

- The unlock handle usually uses with down handle, when operate unlock and down handle, the lowering valve and safety catches are disengaged: the lift begins to lower under its weight and the load lifted.

DOWN HANDLE

- When operate it, the lowering valve is working: the lift begins to lower under its weight and the load lifted. The safety catches are engaged.

4.2 Operating Instructions



Be sure to read and familiarize yourself with the Safety Instructions at the beginning of this manual. Failure to follow Safety Instructions may result in proper damage, personal injury or death.



To avoid personal injury and/or property damage, permit only trained personnel to operate lift. After reviewing these instructions, get familiar with lift controls by run the lift through few cycles before loading vehicle on the lift.



Always lift the vehicle using all four adapters. NEVER raise just one end, one corner, or one side of vehicle.

4.2.1 Lift Preparation:

Lift must be fully lowered and service bay clear of all personnel before the vehicles brought on lift. Swing arms out to full drive-thru position

4.2.2 Loading Lift:

Swing arms under vehicle and position adapters at vehicle manufacturer's recommended lift points. Use intermediate, high step, or optional adapters for under body clearance when required.



Typical Lifting Points. Some Vehicle may have the manufacturer's Service Garage Lift Point locations identified by triangle shape marks on it's under platform. Also, there may be a label located on the right front door lock face showing specific vehicle lift points. If the specific vehicle lift points are not identified, refer to the vehicle operation manual or consult the vehicle agent. ALWAYS follow the operating instructions supplied with the lift.

4.2.3 To Raise Lift

- a. Make sure that you have read and understood the operation manual before operation.
- b. Park the vehicle between two posts.
- c. Adjust the lifting arms until they reach the supporting positions of the vehicle and make sure the gravity of vehicle located in the center of four lifting arms.
- d. Connect the power supply as per requirements on the nameplate attached, and switch on.
- e. Press the 'UP' button on the motor until pads of lifting arms touched the prop-position of vehicle
- f. Keep on raising the vehicle to let it have a bit clearance from the ground and check again its stability.
- g. Raise the vehicle to the desired height, check it is safe or not, operate lock button/down handle to have the safety lock engaged, turn off the power and then perform maintenance or repair work underneath.



DO NOT go under vehicle if locking latches are not engaged.



Before attempting to lift pickup trucks or other truck frame vehicles, be sure that:

- **Vehicle frame is strong enough to support its weight and has not been weakened by modification or corrosion.**
- **All Adapters are in secure contact with frame at vehicle manufacturer's recommended lift point.**
- **Vehicle is stable on lift**

4.2.4 While Using Lift

- a. Avoid excessive rocking of vehicle while on lift.
- b. Always use safety stands as needed or when removing or installing heavy components.

4.2.5 To Lower Lift

- a. Remove all tools or other objects from lift area.
- b. Press the "Down" button. Meanwhile the lifting arms go upwards a little, then lowering to the ground. /Press "Up" button, the lifting arms go upwards a little, then operate "Unlock and Down handle" lower to the ground.
- c. After the lifting arms lower to the lowest position, pull them out from under the vehicle and clear up all the obstacles.
- d. Drive the vehicle away.



Remain clear of lift when lowering vehicle. Observe pinch point warning decals.



If lift is not operating properly, DO NOT use until adjustment or repairs are made by qualified lift service personnel.

5. Maintenance

Contact your service provider for instruction before starting up if you are not completely familiar with automotive lift maintenance procedures. Only qualified personnel can perform maintenance on this equipment. Any failure in operation may cause personal injury or death.

- ✓ Always keep bolts tight. Check periodically.
- ✓ Always keep lift components clean.
- ✓ Always if oil leakage is observed, contact your service provider.
- ✓ Check cables and sheaves for wear every day. Replace worn or broken parts with lift manufacturer's parts, or their equivalent.

Every Month

- ✓ Lubricate locking latch shafts. Push catches several times for oil to penetrate joints.
- ✓ Lubricate the four inside corners of the lift arms with heavy duty bearing grease.
- ✓ With lift lowered check the hydraulic fluid level. If necessary, add oil as described in the Installation Instruction section of this manual
- ✓ Check tightness of all bolts.
- ✓ Check the nuts for tightness every week for the first month, and every month afterwards.
- ✓ Check equalizer cable tension.
- ✓ Check carriage latch synching: Latches should click at the same time. If necessary, adjust equalization cables as described in the Installation Instruction section of this manual

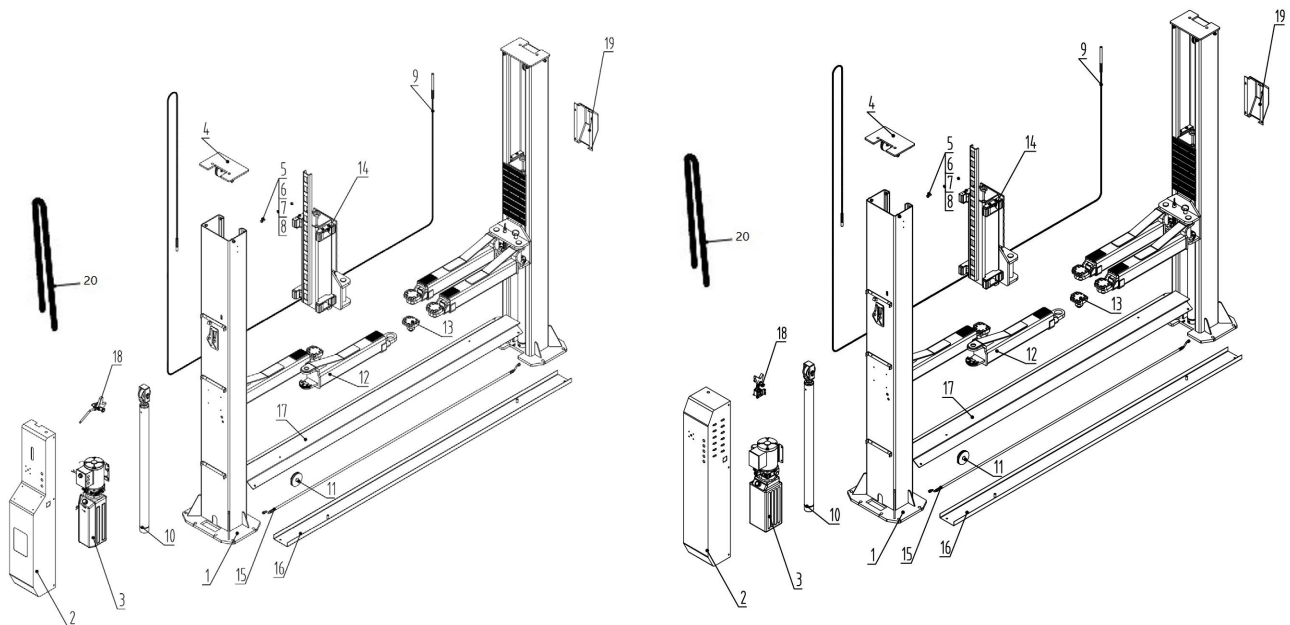
Every 3 Months

- ✓ Check and clean the oil filter
- ✓ Check anchor bolts for tightness. Anchors should be torque to 122N-m

Every 6 Months

- ✓ Check fluid level of lift power unit and refill if required.
- ✓ If Lift stops short of full rise or chatters, contact your service provider.
- ✓ Lubricate cable and chain if required.

6. Parts List

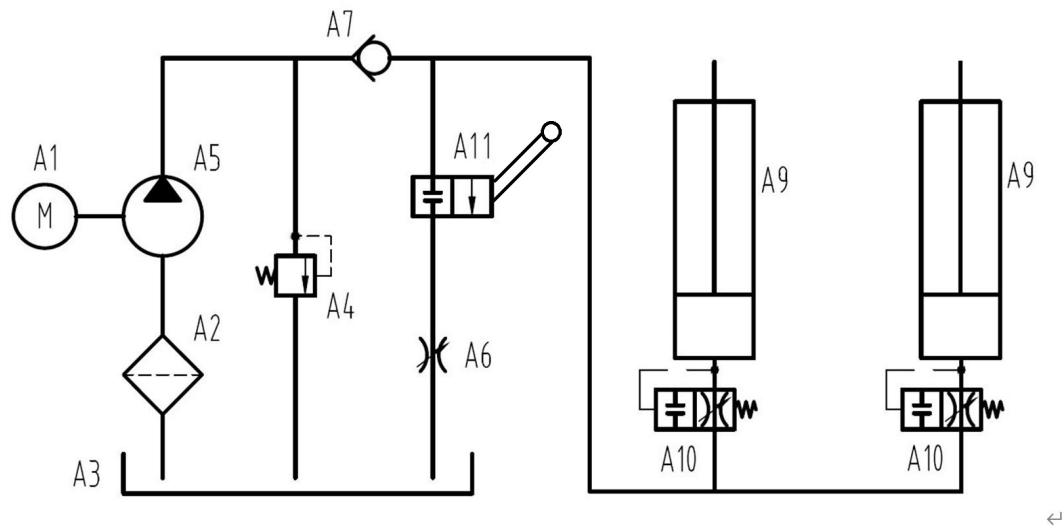


1	Post assembly	11	Pulley
2	Control box	12	Arm
3	Hydraulic unit	13	Pick-up plate
4	Top plate	14	Carriage
5	Nut, circlip, washer, screw	15	Hose
6	Nut, circlip, washer, screw	16	Floor plate
7	Nut, circlip, washer, screw	17	Floor plate cover
8	Nut, circlip, washer, screw	18	Safety catch
9	Wire rope	19	Safety catch cover
10	Cylinder	20	Chain

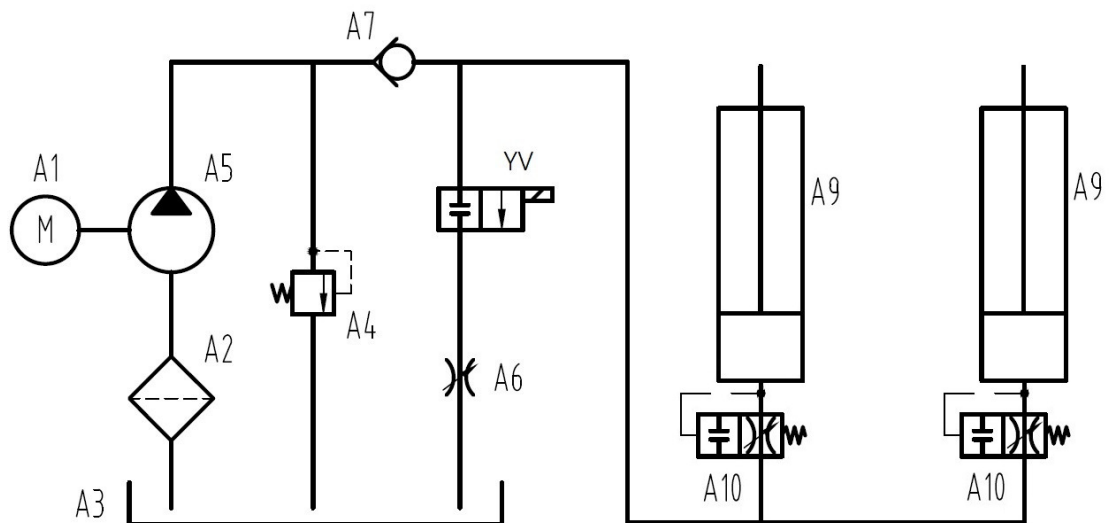
7. Trouble shooting Guide

TROUBLES	CAUSE	SOLUTION
Abnormal noise	Abrasion exists on insider surface of the posts.	Grease the inside of the post.
	Trash in the post.	Clear the trash
Motor does not run and will not rise	The wire connection is loose.	Check and make a good
	The motor is blown.	Replace it.
	The limit switch is damaged or the wire connection is loose.	Connect it or adjust or replace the limit switch.
Motor runs but will not raise	The motor run reversely.	Check the wire connection.
	Overflow valve is loose or jammed.	Clean or adjust it.
	The gear pump is damaged.	Replace it.
	Oil level is too low.	Add oil.
	The oil hose became loose or dropped off.	Tighten it.
	The cushion valve became loose or jammed.	Clean or adjusts it.
Carriages go down slowly after being raised	The oil hose leaks.	Check or replace it.
	The oil cylinder is not tightened.	Replace the seal.
	The single valve leaks.	Clean or replace it.
	Solenoid valve fails to work well.	Clean or replace it.
	Steel cable is loose or not with same tightness	Check and adjust the tightness.
Raising too slow	The oil filter is jammed.	Clean or replace it.
	Oil level is too low.	Add oil.
	The overflow valve is not adjusted to the right	Adjust it.
	The hydraulic oil is too hot (above 45°) .	Change the oil.
	The seal of the cylinder is abraded.	Replace the seal.
	Inside surface of the posts is not well greased.	Add grease.
Lowering too slow	The throttle valve jammed.	Clean or replace.
	The hydraulic oil is dirty.	Change the oil.
	The anti-surge valve jammed.	Clean it.
	The oil hose jammed.	Replace it.
The steel cable is abraded	No grease when installation or out of lifetime	Replace it.

8. Hydraulic Diagram



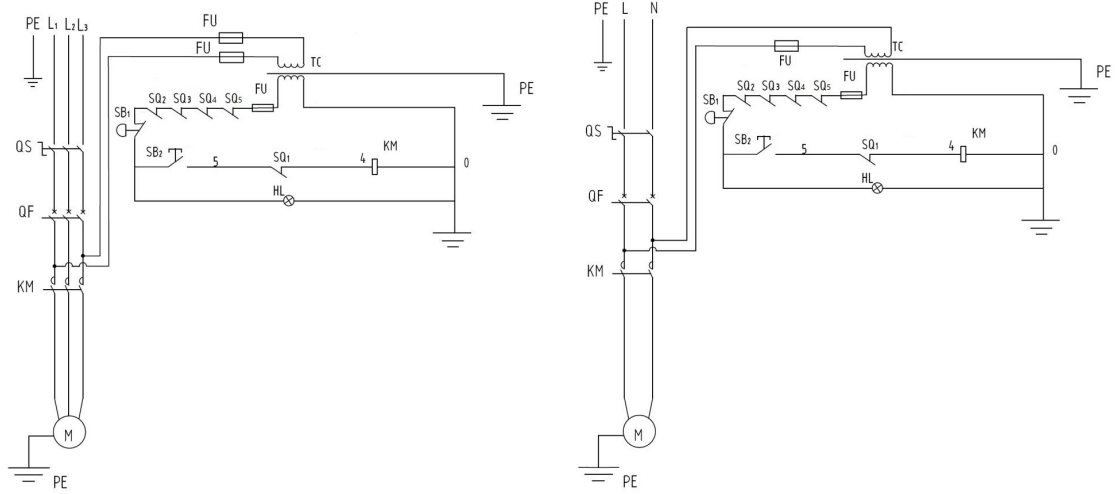
STD-5055M



STD-5055E

No.	Name	No.	Name
A1	Motor	A7	One way valve
A2	Filter	YV	Solenoid lowering valve
A3	Oil tank	A9	Cylinder
A4	Overflow valve	A10	Anti-leakage valve
A5	Gear pump	A11	Manual lowering valve
A6	Throttle valve		

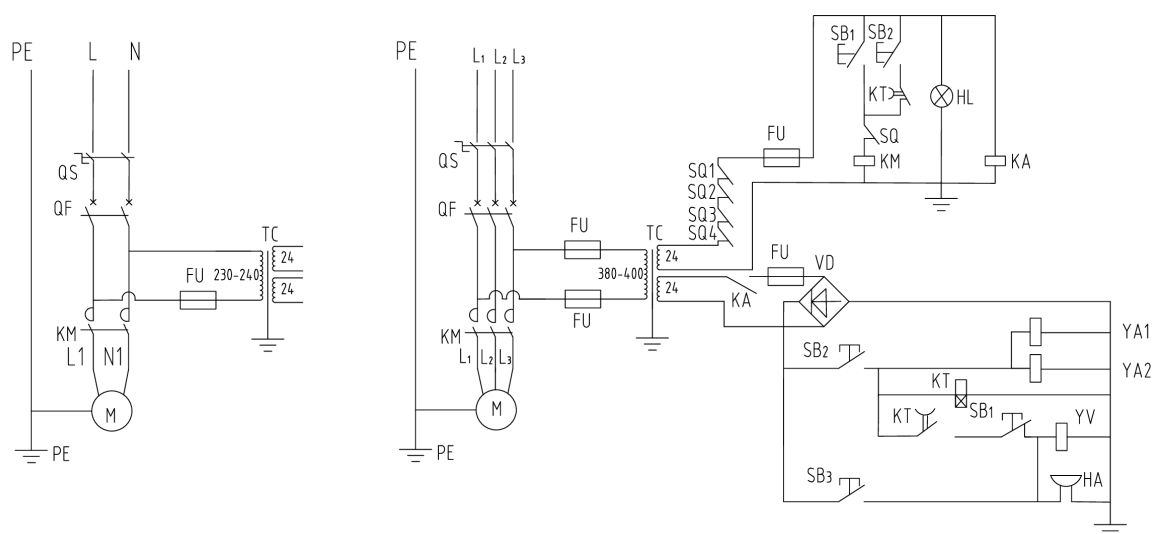
9. Circuit Diagram



STD-5055M

Electrical parts list

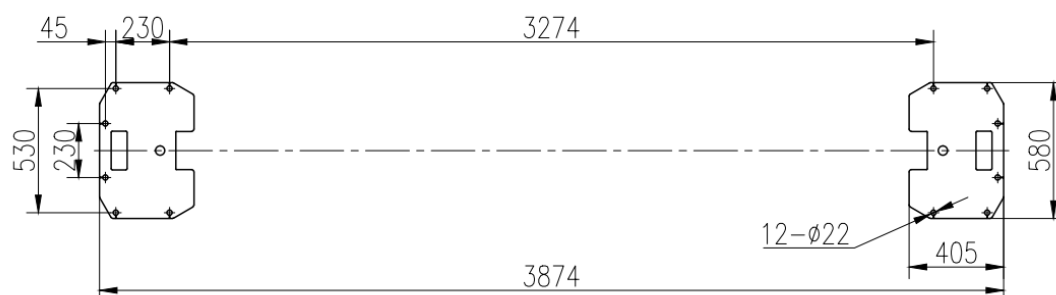
No.	Code	Description	No.	Code	Description
1	QS	Main switch	7	SB1	Emergency stop
2	QF	Breaker	8	TC	Transformer
3	KM	AC contactor	9	SQ1	Top limit switch
4	SB2	UP button	10	SQ2, 3	Anti-rope break
5	FU	Fuse	11	SQ4, 5	Anti-chain break
6	M	Motor	12	HL	Light



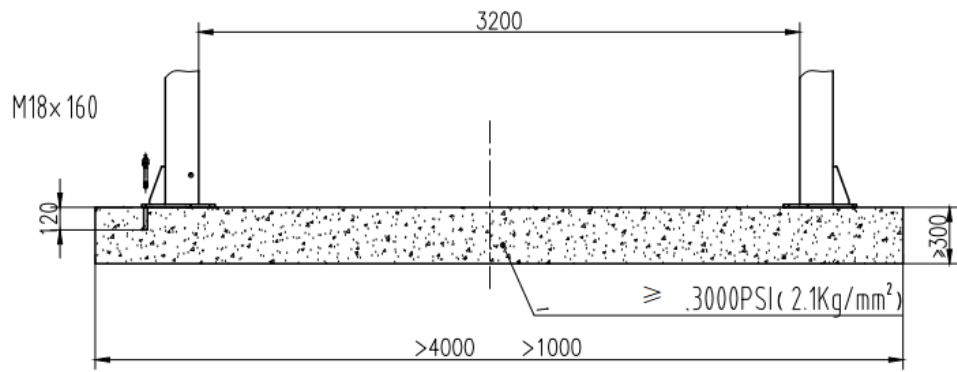
STD-5055E

Electrical parts list

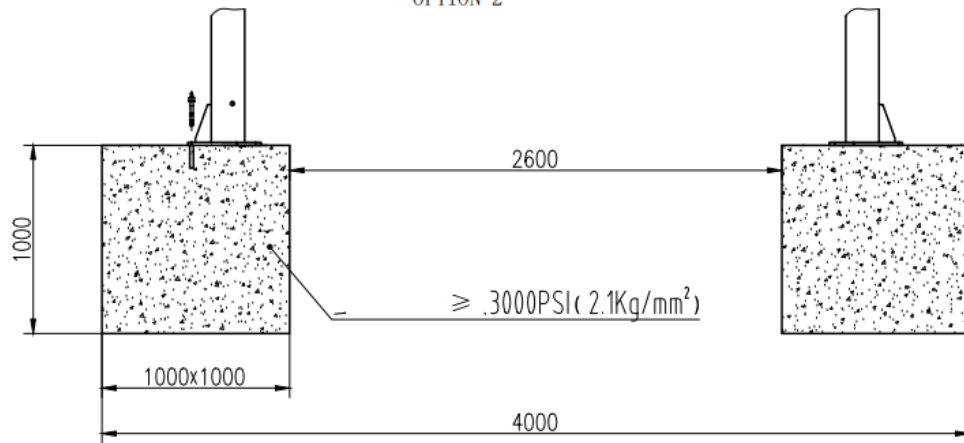
No.	Code	Description	No.	Code	Description
1	QS	Main switch	11	HL	Light
2	QF	Breaker	12	TC	Transformer
3	KM	AC contactor	13	KT	Time relay
4	SB1	UP button	14	YA1, YA2	Unlock magnet
5	SB2	DOWN button	15	YV	Solenoid lowering valve
6	SB3	LOCK button	16	VD	Rectifier bridge
7	FU	Fuse	17	SQ1,2	Anti-rope break
8	M	Motor	18	SQ3,4	Anti-chain break
9	SQ	Top limit switch	19	HA	Buzzer
10	KA	Middle relay			



OPTION 1



OPTION 2



10.DOC

Machine maintenance

For longer period using for hydraulic system and safety operation, please :

In first 10 days, clean tank and change the oil

In first 3 months, change the oil again

Clean the oil system and change the oil every year.

Note:

a, Using 46# oil

b, Using new oil

c, If not operating following instruction, manufacture and distributor don't responsible for it

Oil Information

OPERATING INSTRUCTION

- 1, The operation of the lift is permitted by authorized person only.
- 2, It is necessary to refer to the complete operation instruction especially for trouble shooting.
- 3, The field of the load and carrying devices shall be free of obstructions.
- 4, It shall draw attention to the safe method of carrying the load and to the rule. After raising a short distance, the vehicle shall be checked to ensure that it correctly and safely.
- 5, It shall draw attention to the rule that the carrying device shall be observed by the operator throughout the motion of the lift.
- 6, It is forbidden for people to stand in the field of the motion of the load and the load carrying device during the movement.
- 7, It is forbidden to climb onto the load carrying device when they are raised unless via a specially designed access.

Operating instruction



electrical hazard warning label

Electrical label

Relief valve adjustment
Don't adjust the relief adjustment if no information about it and not trained. Please open the cover of the screw head and loose the screw to adjust the pressure. After adjustment, tighten the screw. Before starting to use the lift, please inspect the safety device. Check if the safety gear act well. Check the pipe and control box.
Lighting
Keep enough lighting strength in order to use the lift safe. Please provide the 200Lux on site and no additional risk. Don't use this lift outdoor. Wind, lightning, rain will cause hazard.
Level ground
This lift must stand on a level ground except any slope. Please check the level of the lift before using it to lift.
Electrical supply protection
Before using the machine, a breaker or same function device will fit to protect the circuit. When the main power circuit over current, the device can cut the circuit even if the fault current higher than rated current. Please contact your local vendor to get the information about the related information.
The electrical power supply wire shall not less than 2mm ² . Breaker rated current shall not more than 10A.
Lockout/Tagout
Before repair the machine or open the electrical box or hydraulic system, Lockout/Tagout process shall be performed.
Dismantling and disposal
ENVIRONMENTAL DAMAGE. Only appropriately trained personnel may dismantle and dispose of the unit. Dismantling To dismantle this product, proceed as follows: ELECTRICAL HAZARD! When carrying out any decommissioning and dismantling work on the unit, switch off all power supply connections, ensure they cannot be switched on unintentionally and verify that they have been disconnected. Earth and short-circuit them, and cover or otherwise isolate any neighboring live parts. Failure to do so may lead to serious injuries or death. HIGH PRESSURE HAZARD. When carrying out any unit decommissioning and dismantling work, close off and empty all the connection pipes until the pressure is the same as the ambient air pressure. Failure to do so may lead to injury. Make sure that the hydraulic circuit has been switched off. Close all hydraulic shut-off valves. Disconnect all connections, making sure at the same time, that no operating materials escape, such as oil. Loosen the connection to the base. PERSONAL INJURY! Secure the unit against slipping. The unit is ready for transporting. It is important that all transport information is observed.
Disposal A specialist company with the appropriate competence must dispose of the unit and individual components. This technical services department must ensure that: - the components are separated according to material types - that the operating materials are sorted and separated according to their properties. Hydraulic oil It is sorting into material types and disposing of in accordance with local regulation Disposal of electrical equipment Electrical parts should be disposed in accordance with WEEE directive ENVIRONMENTAL DAMAGE. Dispose of all components and operating materials (such as oil) separately according to material and in line with local laws and environmental regulations.
Adjustment of wire rope After debugging, ensure that the load carrying device deviation is not greater than 50 mm
Debugging of Anti-falling valve The descent speed should be set according to the regulations After the explosion-proof valve is installed, it can be tested before use
If the automobile exhaust is discharged for a long time, it may cause poisoning. If you use it in a relatively small space, you need to pay attention to other risks brought by the environment. This risk does not arise from this equipment.

