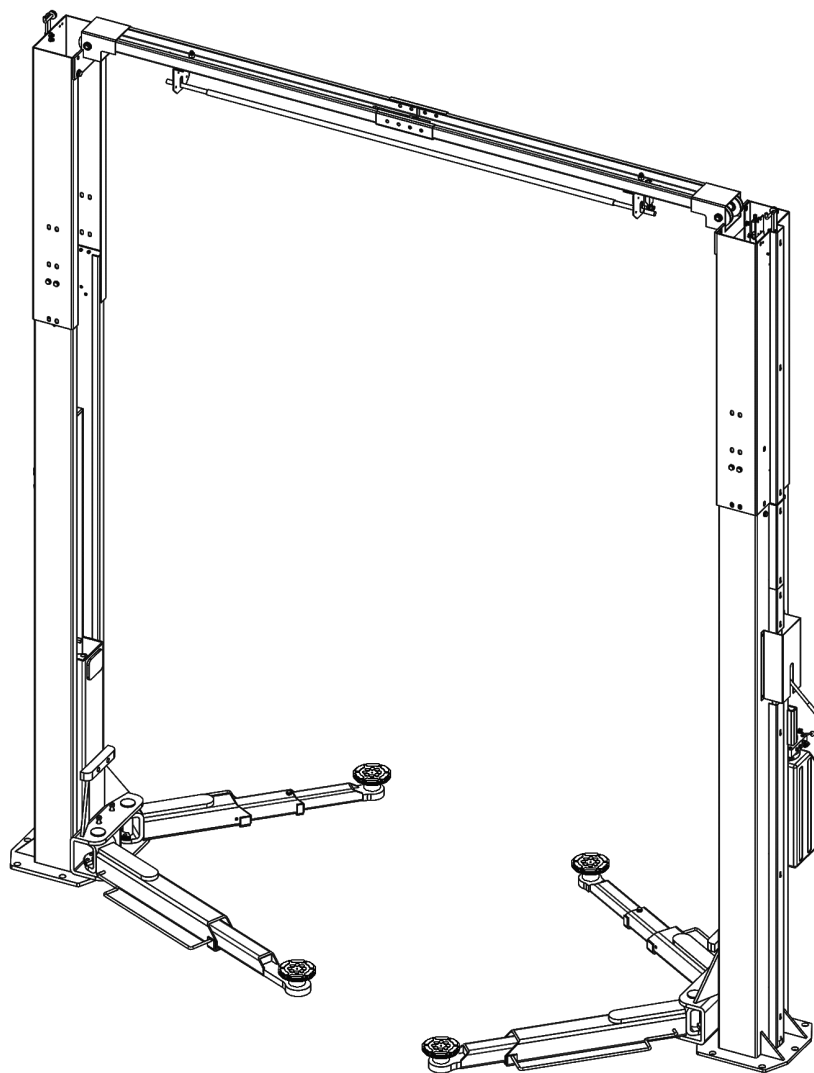




Installation And Service Manual



TWO-POST LIFT
Model: 209C 209CH

CONTENTS

Product Features and Specifications	1
Installation Requirement	3
Steps of Installation	4
Exploded View	25
Test Run	29
Operation Instruction	30
Maintenance	31
Trouble Shooting	32
Parts List	33

I. PRODUCT FEATURES AND SPECIFICATIONS

CLEAR-FLOOR DIRECT-DRIVEN MODEL FEATURES

Model 209C 209CH (See Fig. 1)

- Direct-driven design, minimize the lift wear parts and breakdown ratio
- Dual hydraulic cylinders, designed and made on ANSI standards, utilizing NOK oil seal in cylinder
- Self- lubricating UHMW Polyethylene sliders and bronze bush
- Single-point safety release, and dual safety design
- Clear-floor design, provide unobstructed floor use
- Overhead safety shut-off device prevents vehicle damage
- Supersymmetric arms design, stackable rubber pads
- Standard adjustable heights accommodates varying ceiling heights

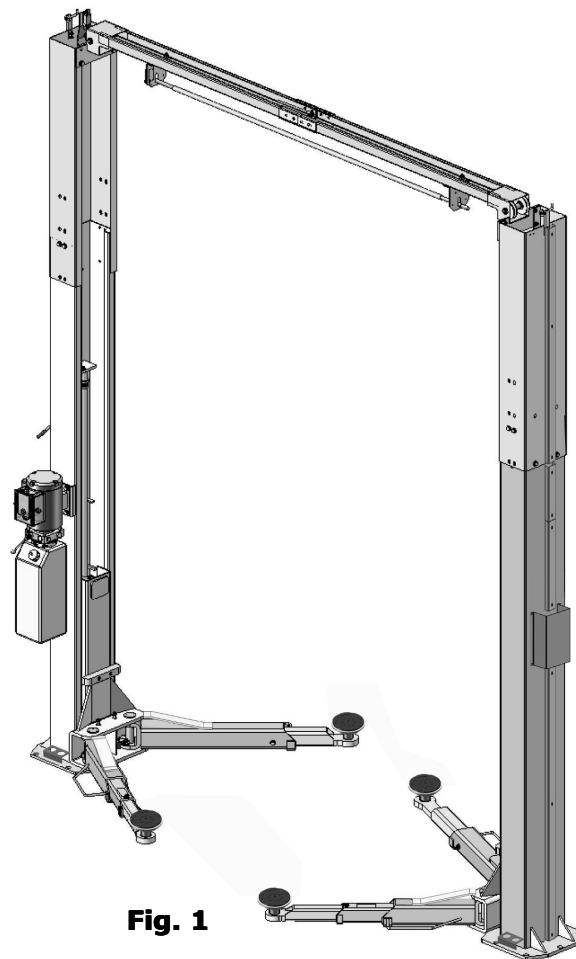


Fig. 1

MODEL 209C 209CH SPECIFICATIONS

Model	Style	Lifting Capacity	Lifting Time	Lifting Height	Overall Height	Overall Width	Width Between Columns	Minimum Pad Height	Motor
209C	Clear-floor Direct-driven	4.0T 9,000 lbs	52S	1815-2044mm 71 1/2"-80 1/2"	3621/3821mm 142 1/2"/ 150 1/2"	3428mm 135"	2850mm 112 1/4"	90mm 3 1/2"	2.0/3.0 HP
209CH	Clear-floor Direct-driven	4.0T 9,000 lbs	52S	1815-2044mm 71 1/2"-80 1/2"	4231/4431 mm 166 1/2" /174 1/2"	3428mm 135"	2850mm 112 1/4"	90mm 3 1/2"	2.0/3.0 HP

**Arm Swings View
For Model 209C 209CH**

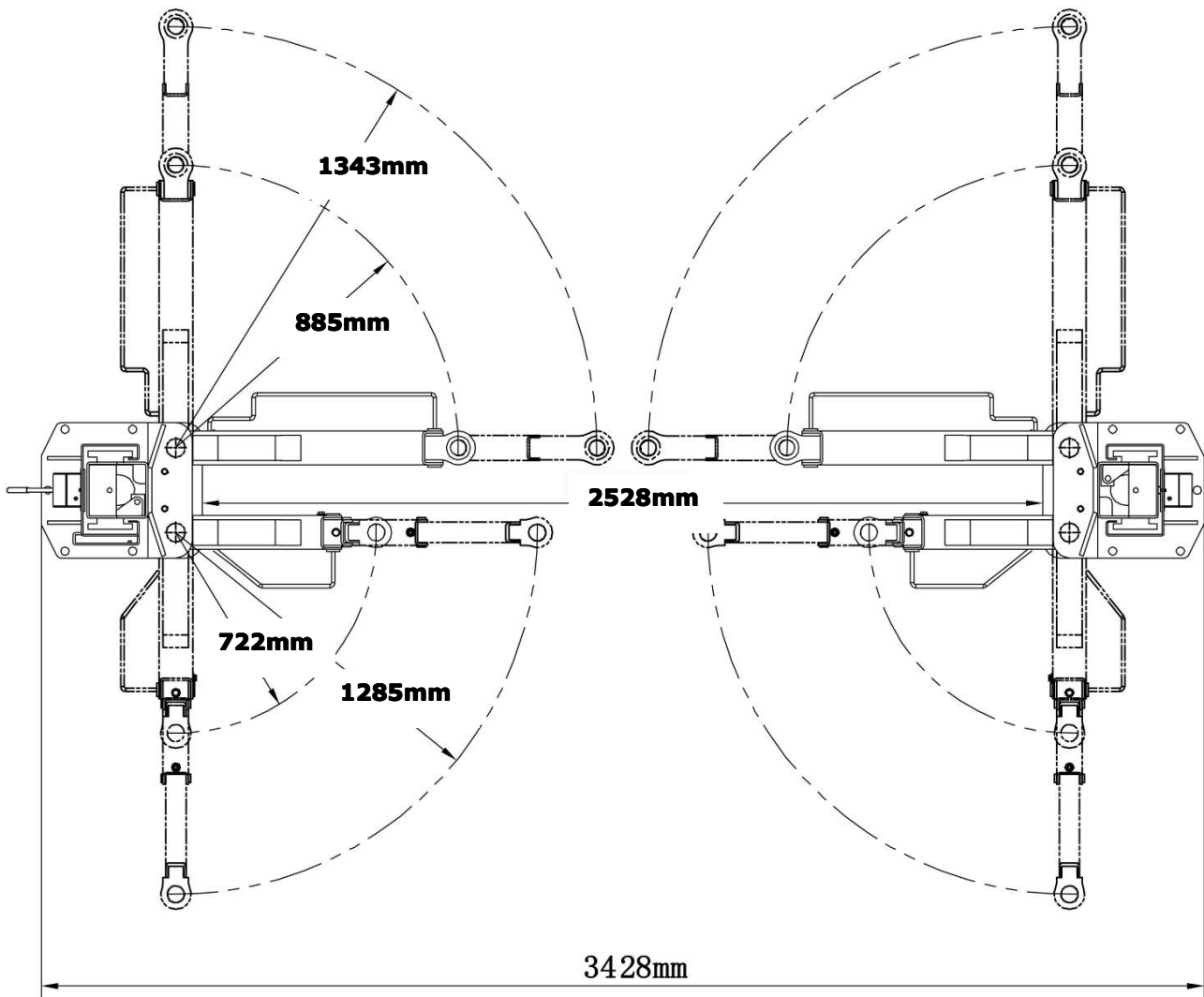


Fig. 2

II. INSTALLATION REQUIREMENT

A. TOOLS REQUIRED

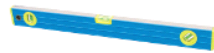
- ✓ Rotary Hammer Drill ($\Phi 19$)



- ✓ Hammer



- ✓ Level Bar



- ✓ English Spanner (12")



- ✓ Ratchet Spanner With Socket (28#)



- ✓ Wrench set
(8#, 10#, 13#, 14#, 17#, 19#, 24#)



- ✓ Carpenter's Chalk



- ✓ Screw Sets



- ✓ Tape Measure (7.5m)



- ✓ Pliers



- ✓ Socket Head Wrench (3#, 5#, 8#)



- ✓ Lock Wrench



Fig. 3

B. SPECIFICATIONS OF CONCRETE (See Fig. 4)

Specifications of concrete must be adhered to the specification as following. Failure to do so may result in lift and/or vehicle falling.

1. Concrete must be thickness 150mm minimum and without reinforcing steel bars, and must be dried totally before the installation.
2. Concrete must be in good condition and must be of test strength 3,500psi (250kg/cm²) minimum.
3. Floors must be level and no cracks.

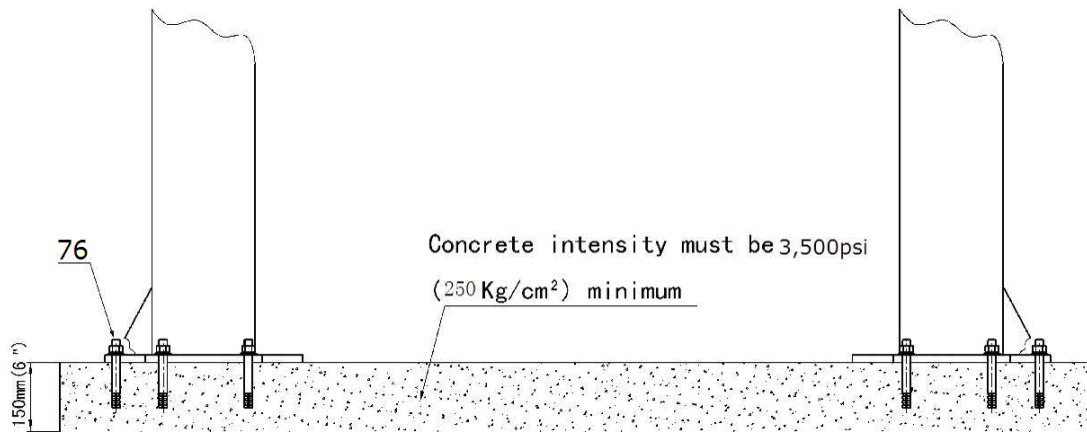


Fig. 4

C. POWER SUPPLY

The electrical source must be 3HP minimum. The source cable size must be 2.5mm² and in good condition of contacting with floor.

III. STEPS OF INSTALLATION

A. Location of Installation

Check and insure the installation location (concrete, layout, space size etc.) is suitable for lift installation.

B. Use a carpenter's chalk line to establish installation layout of baseplate (**See Fig.5**).

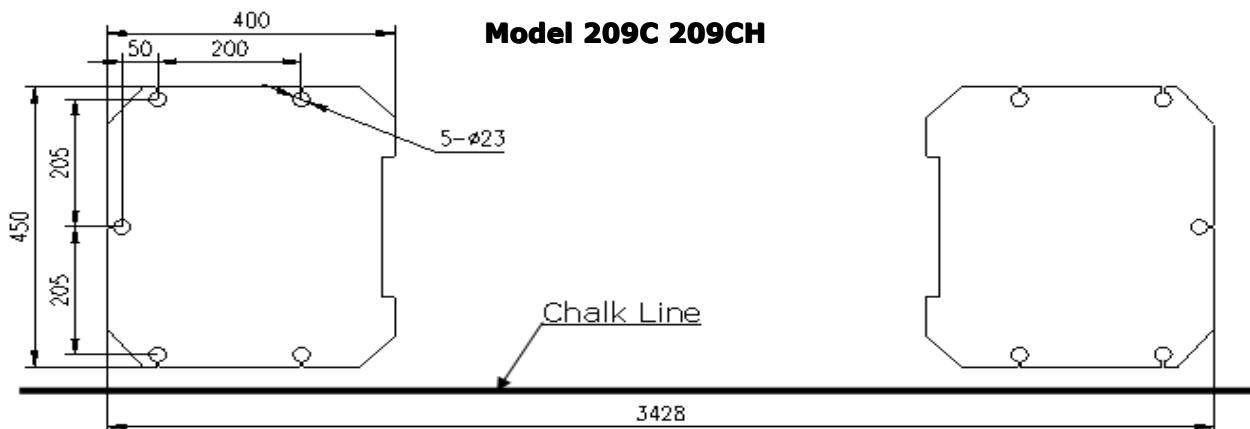


Fig. 5

C. Check the parts before assembly.

1. Packaged lift and hydraulic power unit (See Fig. 6).



Fig. 6

2. Move aside the lift with fork lift or hoist, and open the outer packing carefully (See Fig.7).

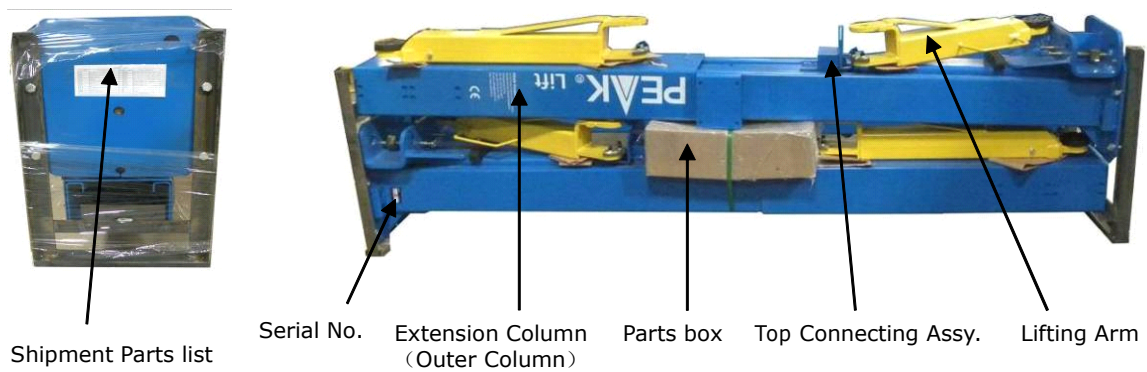


Fig. 7

3. Take off the lifting arms and parts box from upper and inside the column, then move them to location nearby installation site (See Fig. 8).

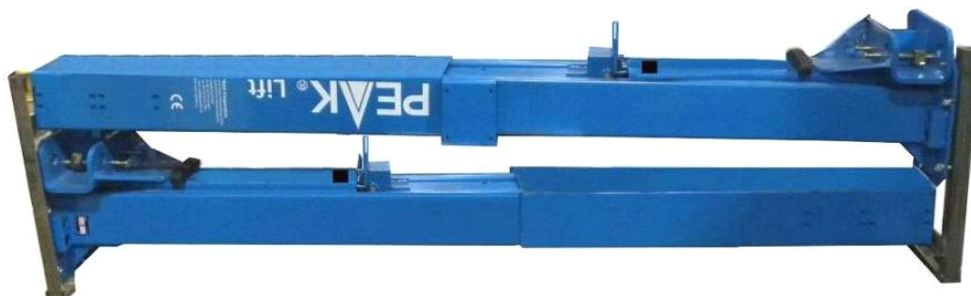


Fig. 8

4. Loose the screws of the upper package stand, take off the upper outer column, take out the parts in the inner column and remove the package stand
5. Move aside the parts and check the parts according to the shipment parts list
(See Fig. 9).

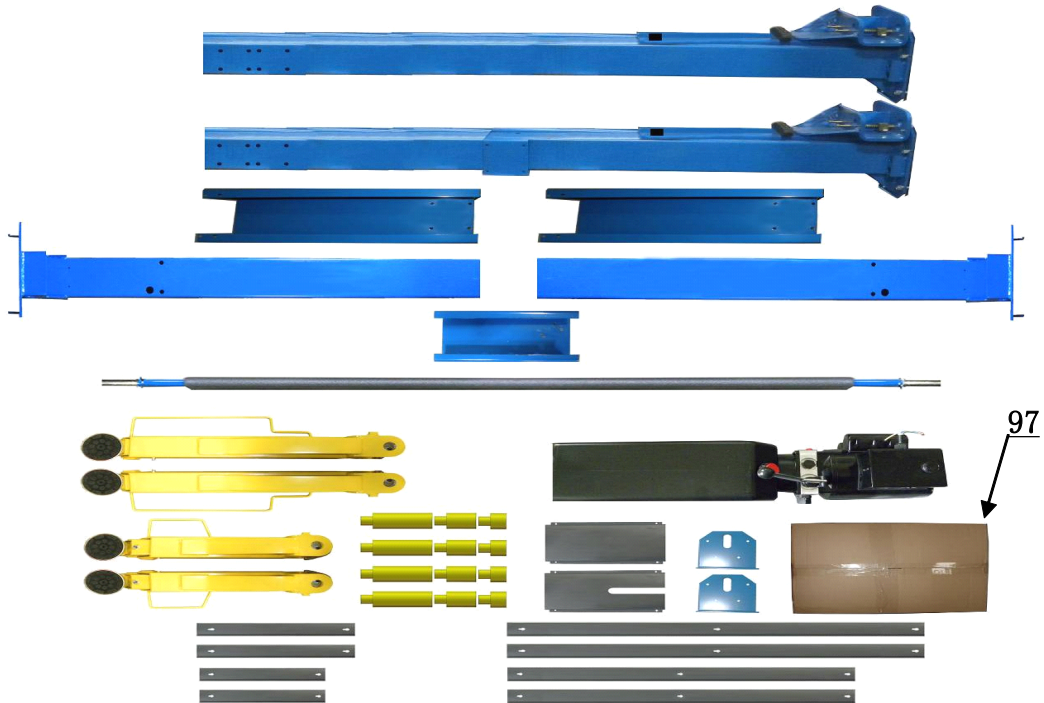


Fig. 9

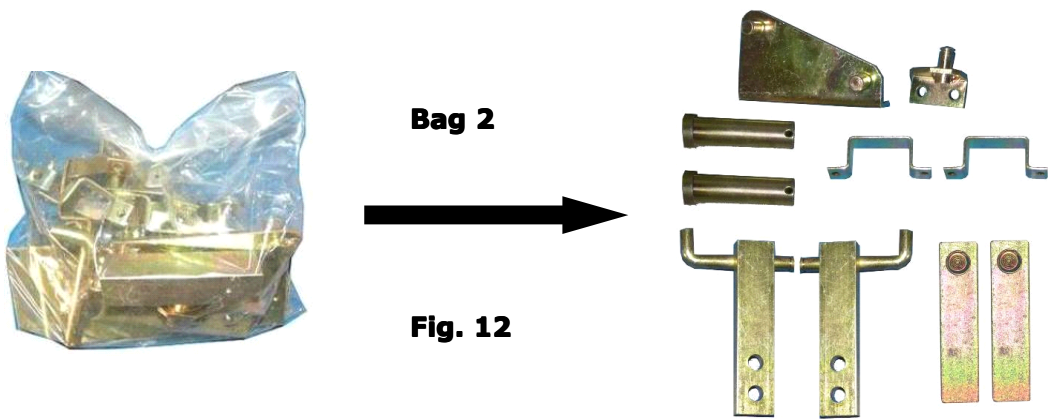
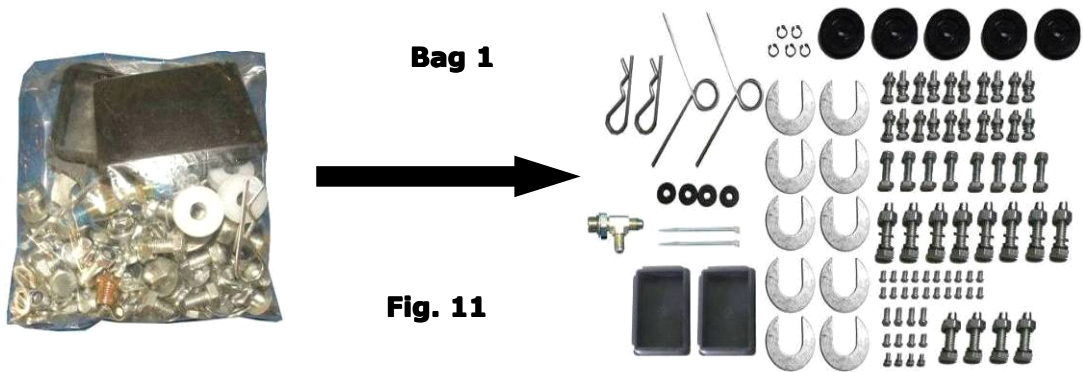
6. Open the carton of parts and check the parts according to parts box list **(See Fig. 10).**



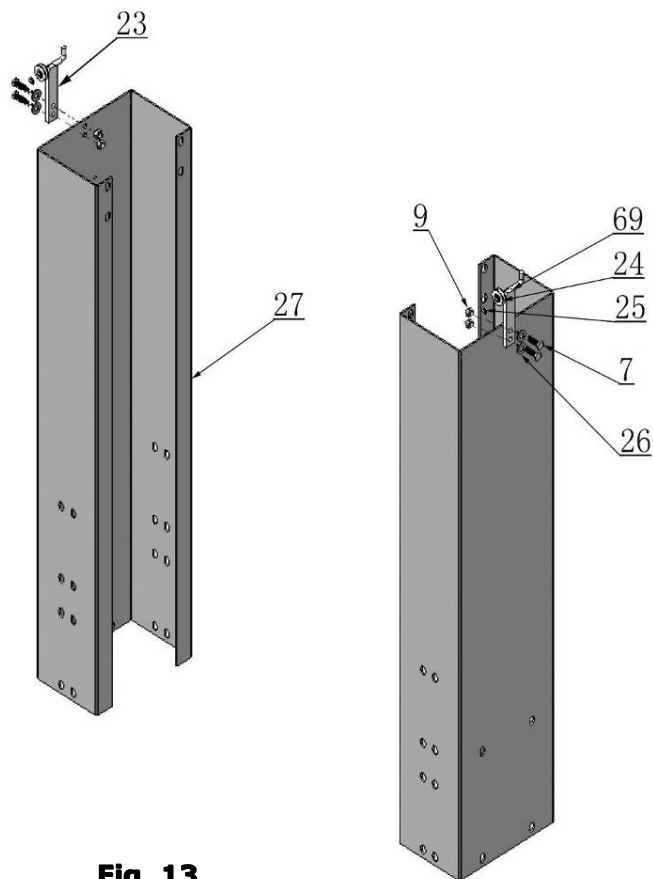
Fig. 10

7. Check the parts of the parts bag 1& 2 according to parts bag list (**See Fig. 11 & Fig. 12**).

Model 209C 209CH



D. Install parts of extension columns (See Fig. 13).



E. Position powerside column

Lay down two columns on the installation site parallelly, position the powerside column according to the actual installation site. Usually, it is suggested to install powerside column on the front-right side from which vehicles are driven to the lift. This lift is designed with 2-Section columns. Adjustable height according to the ceiling height and connecting the inner and outer columns.

1. When the ceiling height is less than 3850mm (151 1/2"), connecting the outer columns with the upper hole **(See Fig.14)**.
2. When the ceiling height is over 3850mm (151 1/2"), connecting the outer columns with the lower hole **(See Fig.15)**.

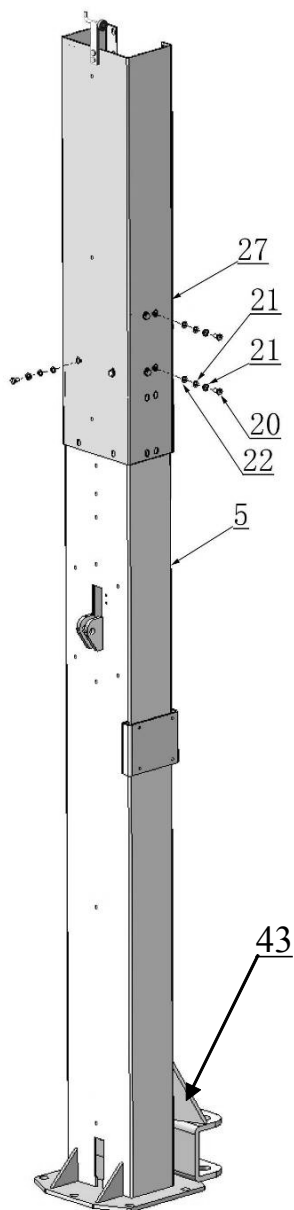


Fig. 14 Low Setting

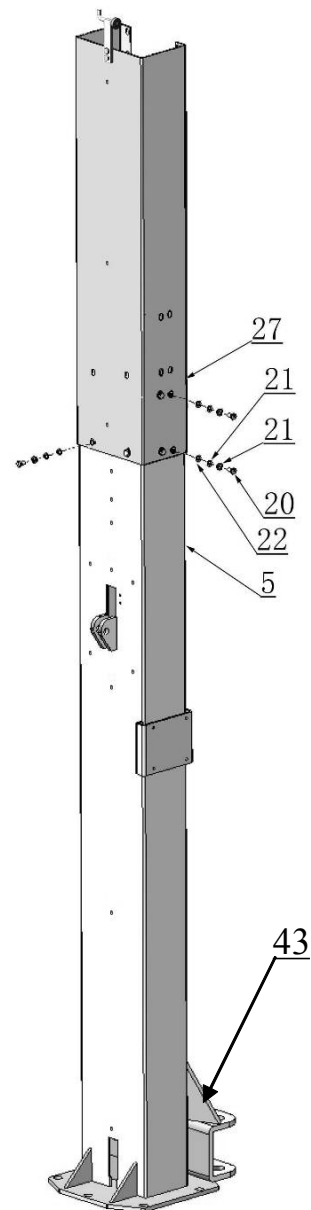


Fig. 15 High Setting

F. Position columns (See Fig. 16)

Position the columns on the installation layout of baseplate, Install the anchor bolts. Check the Columns plumbness with level bar, and adjusting with the shims if the columns are not vertical. Do not tighten the Anchor Bolts.

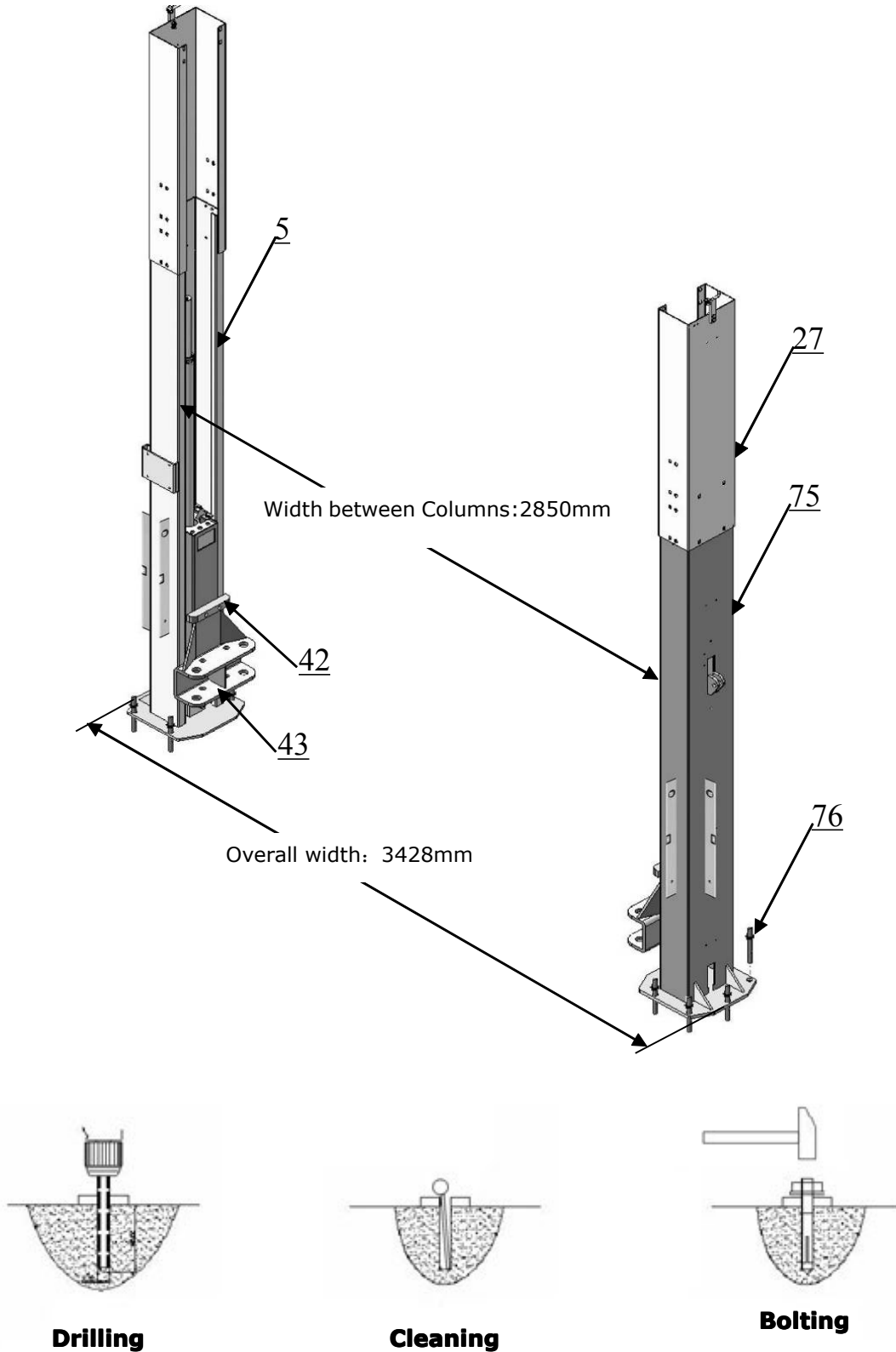


Fig. 16

G. Install overhead top beam

1. With help of the hook of top beam, put one side of top beam on top of the extension column and connecting the top beam to extension column by bolts, tighten the bolts. Then assemble the connecting bracket (**See Fig. 17**).

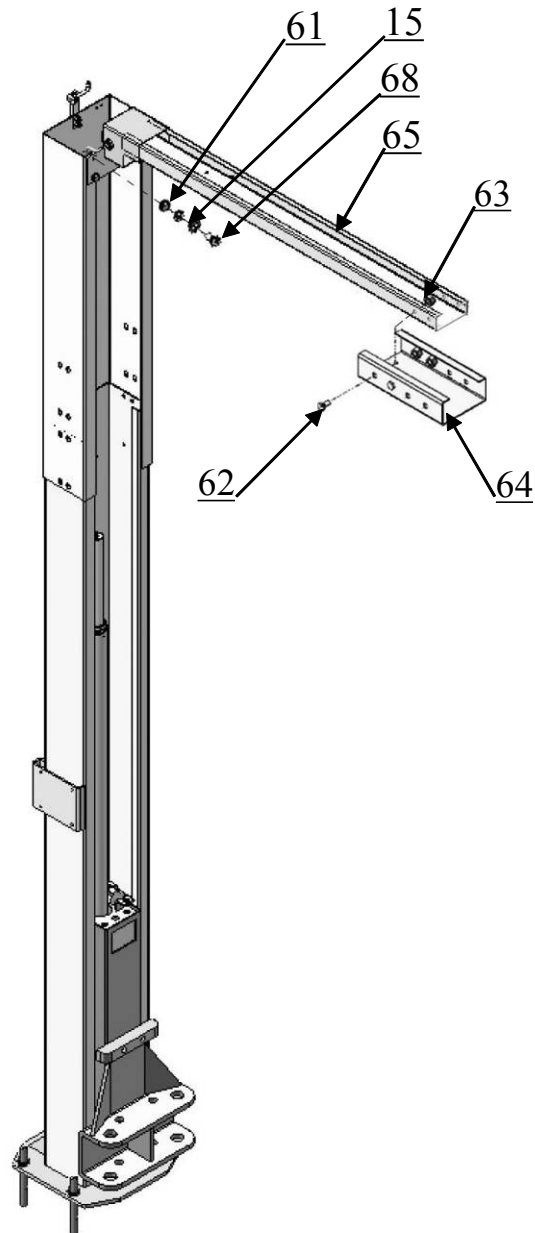


Fig. 17

2. Assemble overhead top beam, tighten the columns anchor bolts (**See Fig. 18**).

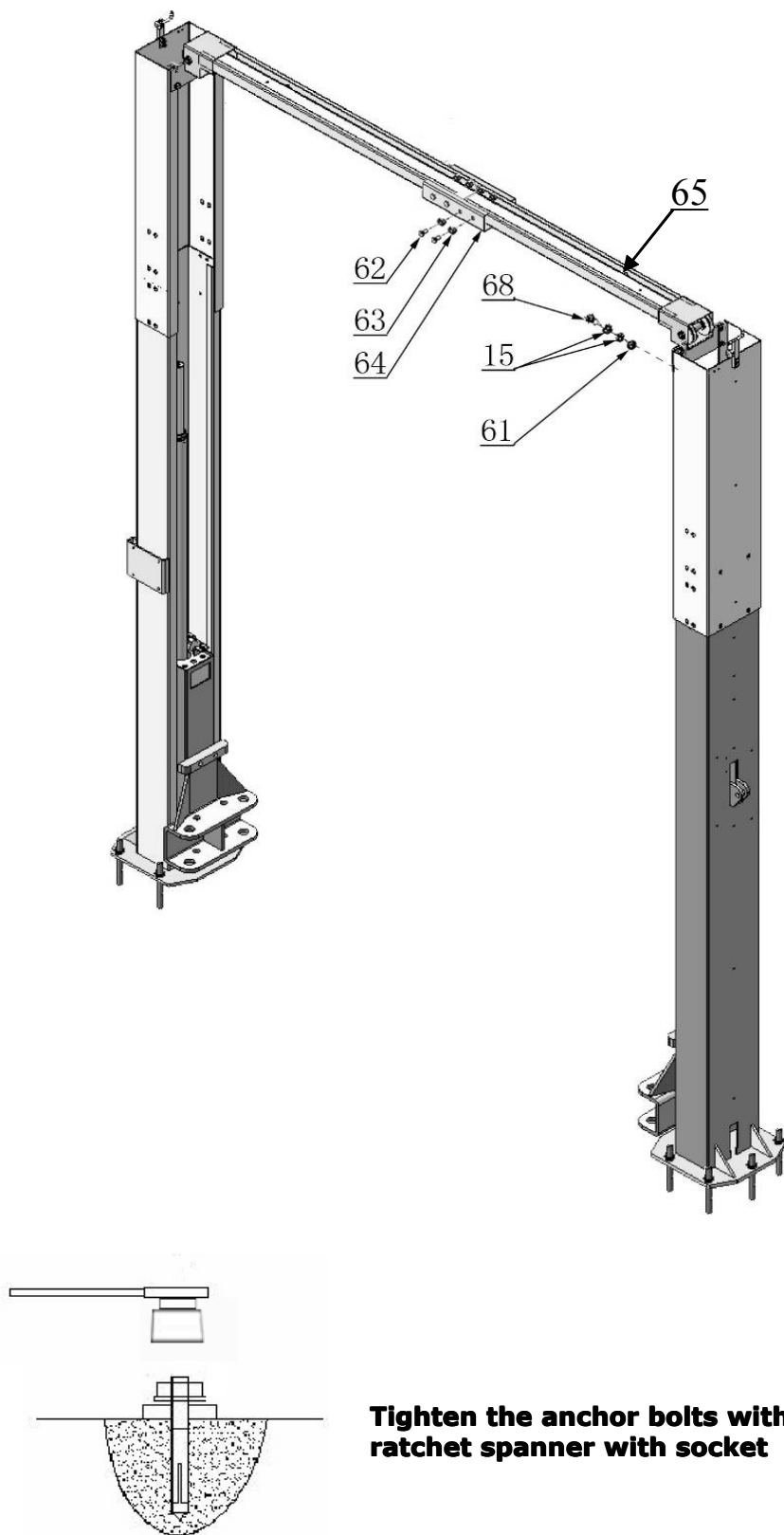
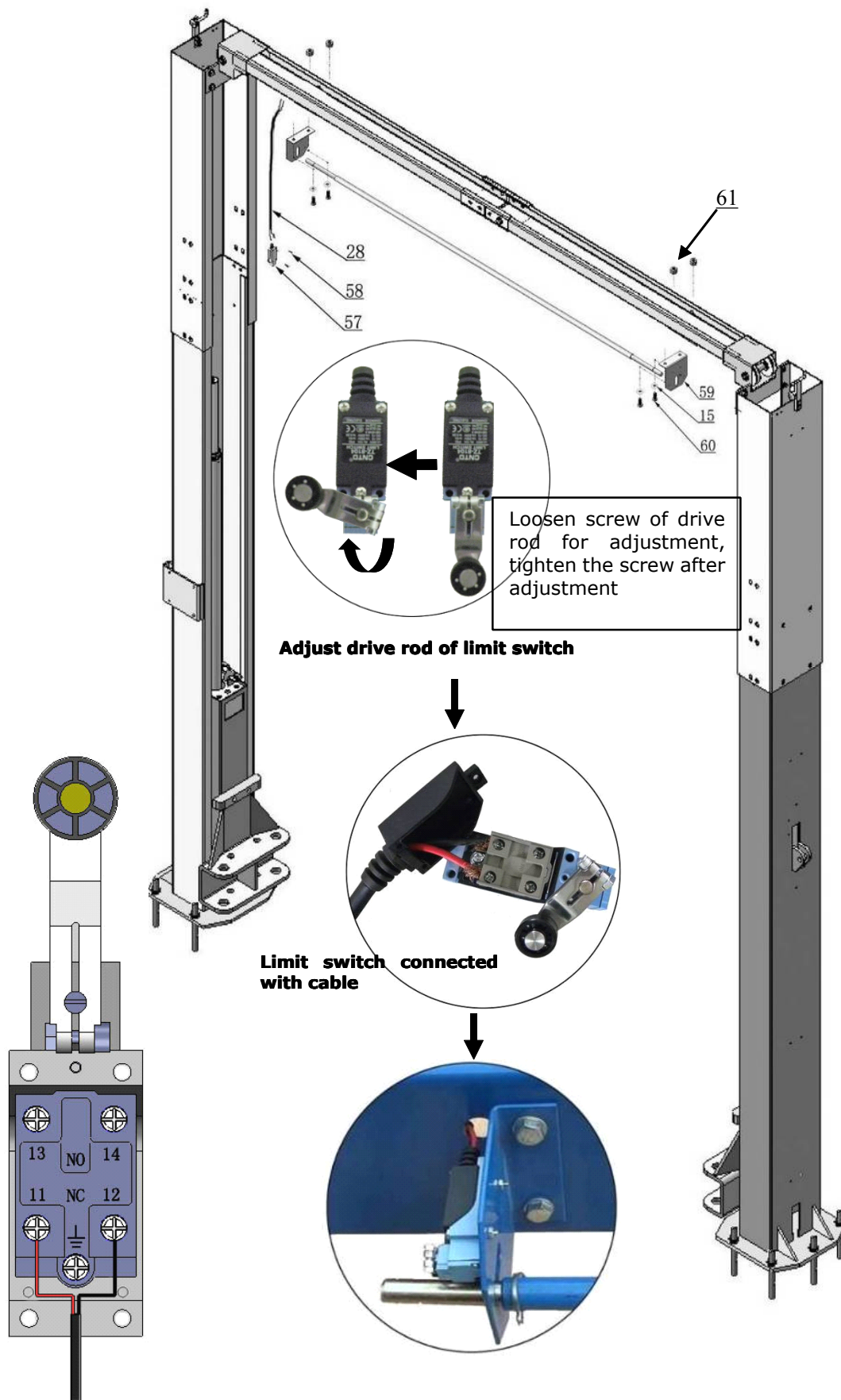


Fig. 18

H. Installing the limit switch control bar and limit switch (See Fig. 19).



NC: Normal contact

Fig. 19

I. Install safety device (See Fig. 20 & Fig. 21).

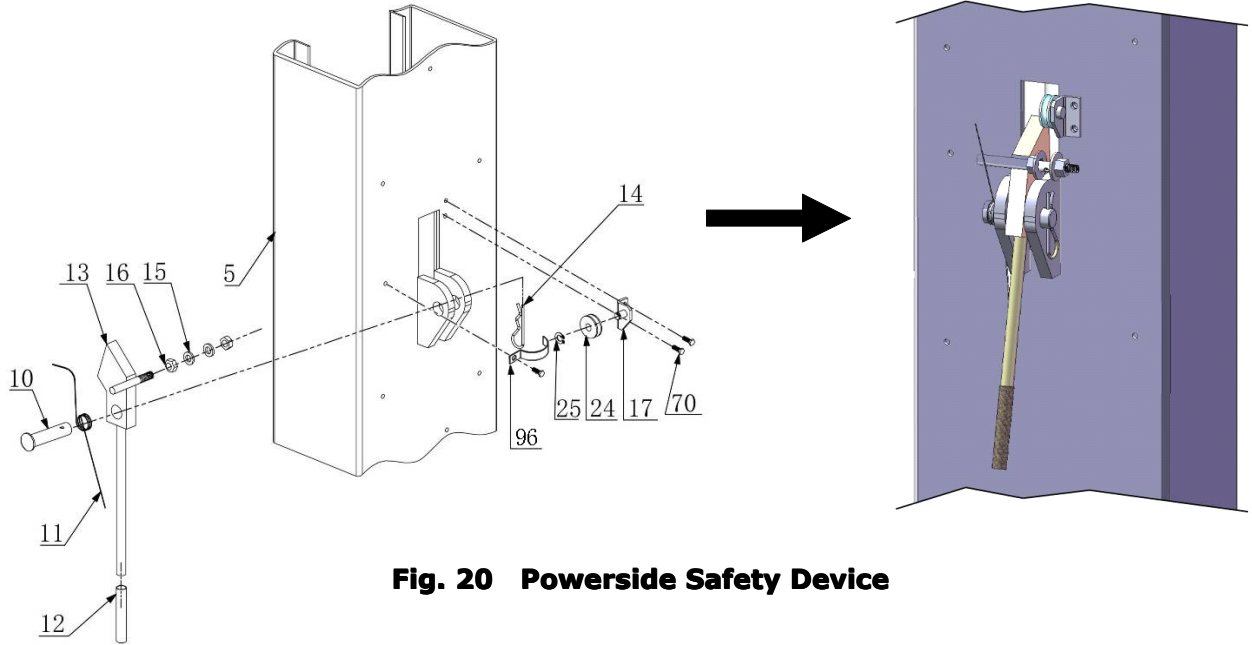


Fig. 20 Powerside Safety Device

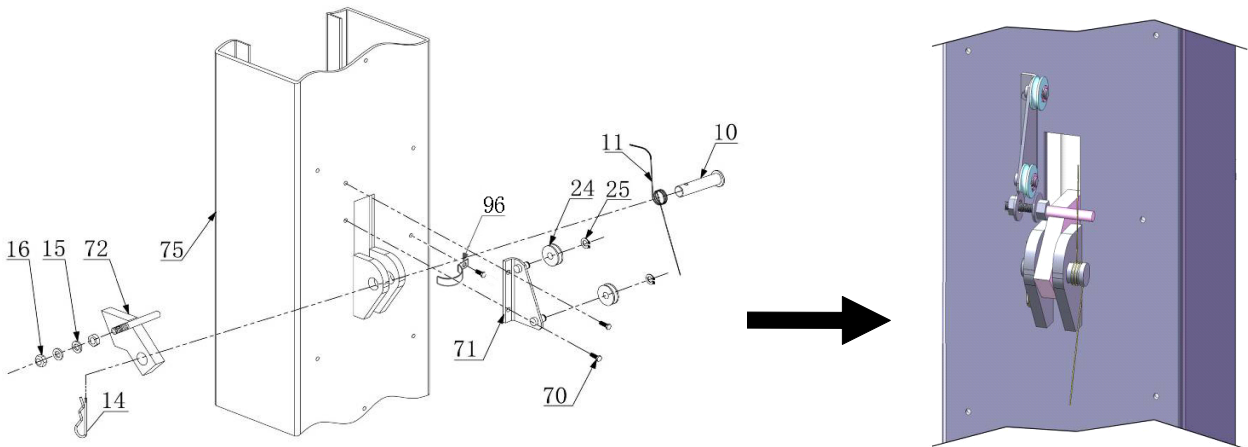


Fig. 21 Offside Safety Device

J. Lift the carriages up to about one meter high by hand and make them be locked at the same level (**See Fig. 22**).

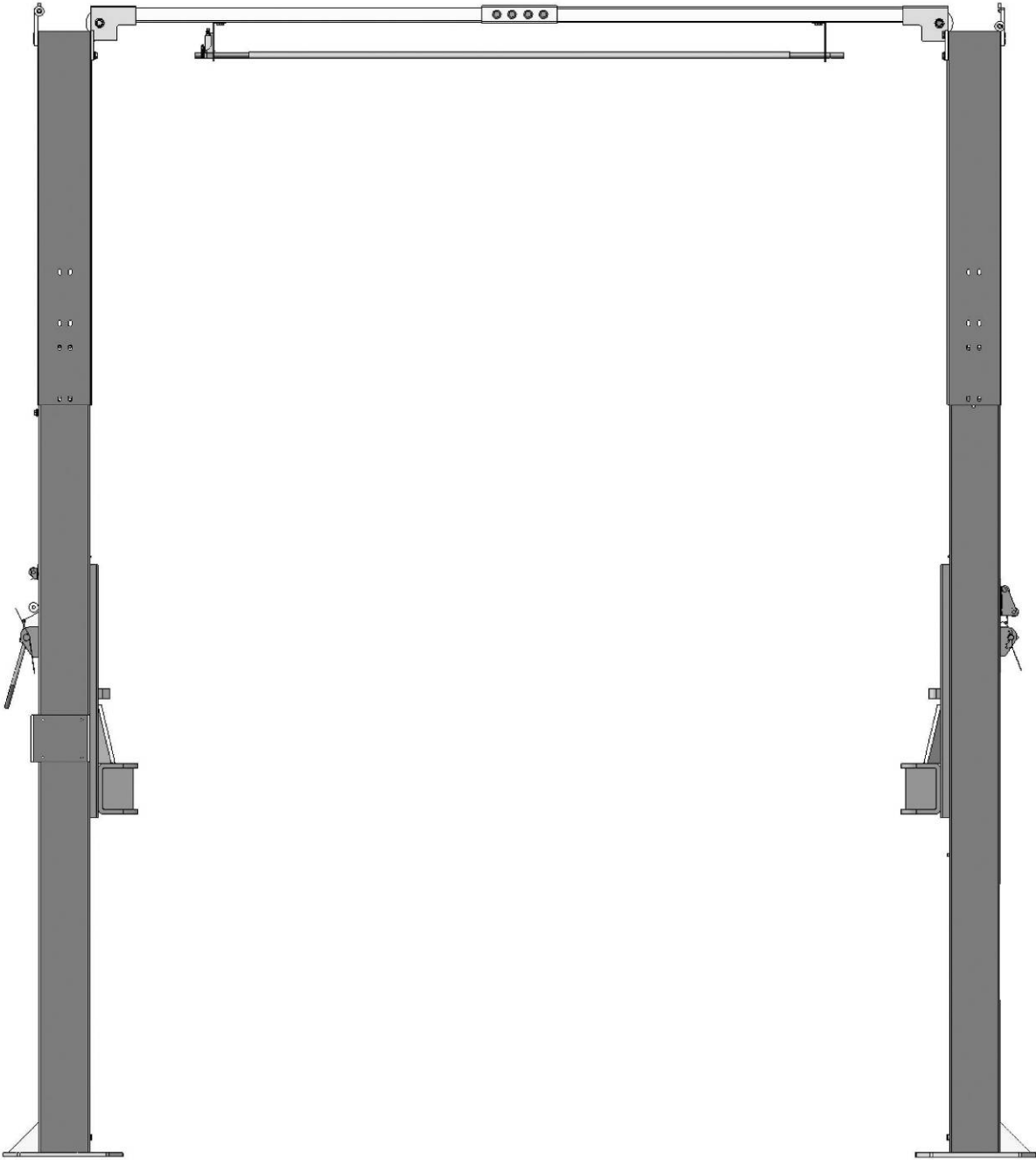


Fig. 22

K. Install cables

1. **Low setting cable connection.** Suitable for ceiling height less than 3850mm (151 1/2") (See Fig. 23).

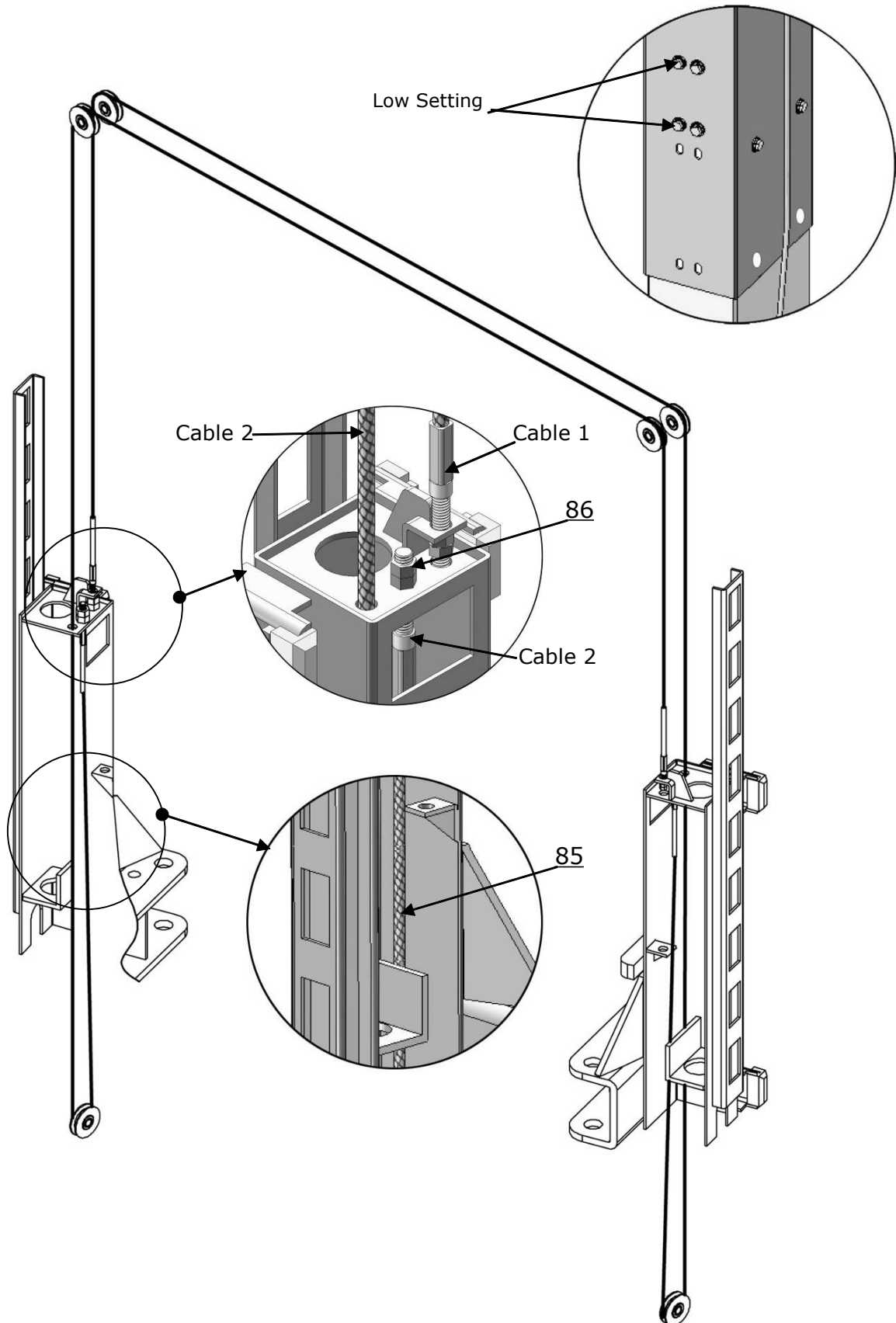


Fig. 23

2. **High setting cable connection.** Suitable for the ceiling height over 3850mm (151 1/2") .

2.1. Cable pass through from the bottom of the carriages and be pulled out from the open of carriages, then screw the two cable nuts **(See Fig. 24).**

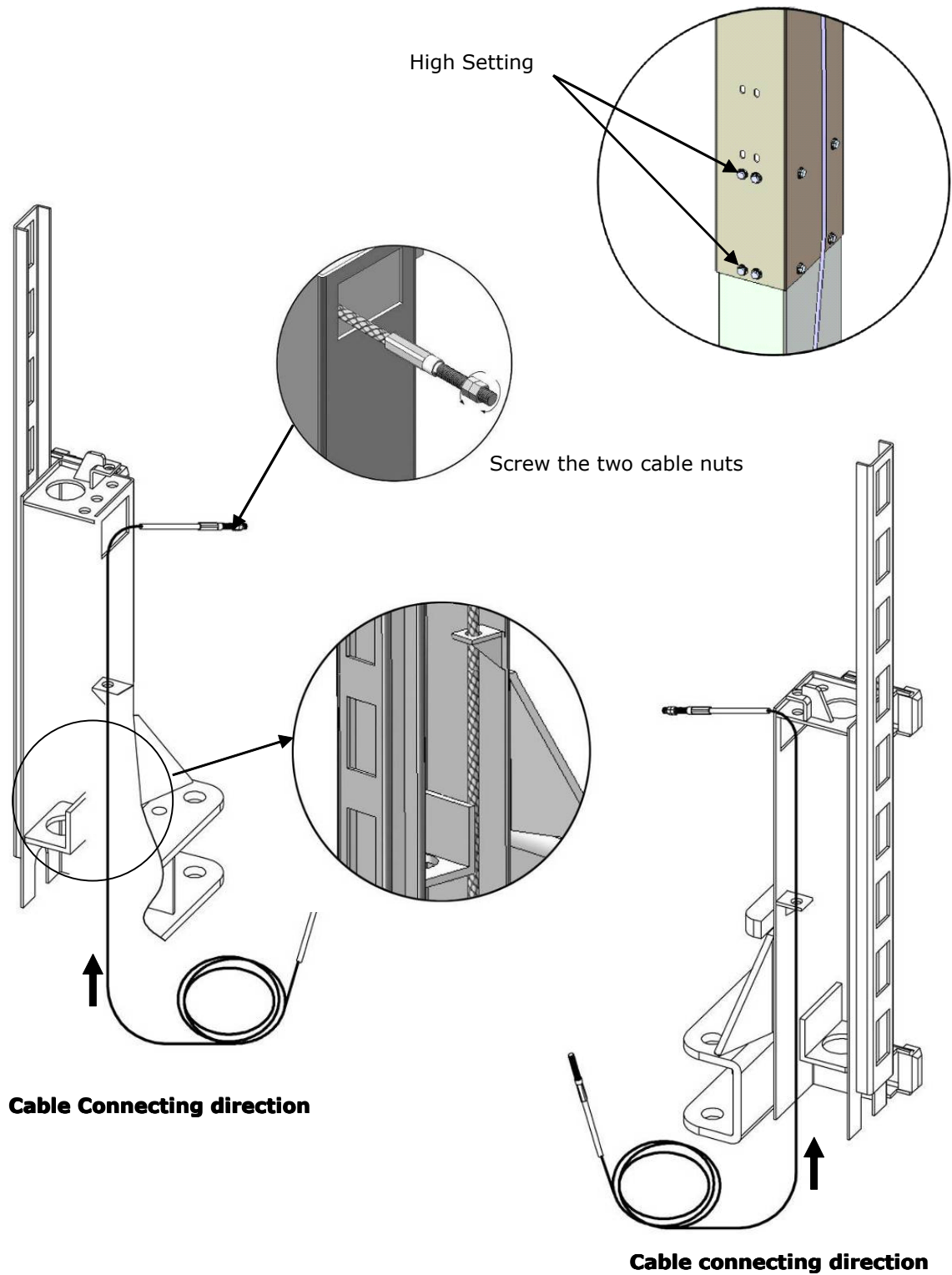


Fig. 24

2.2 Connecting cable for high setting (See Fig. 25).

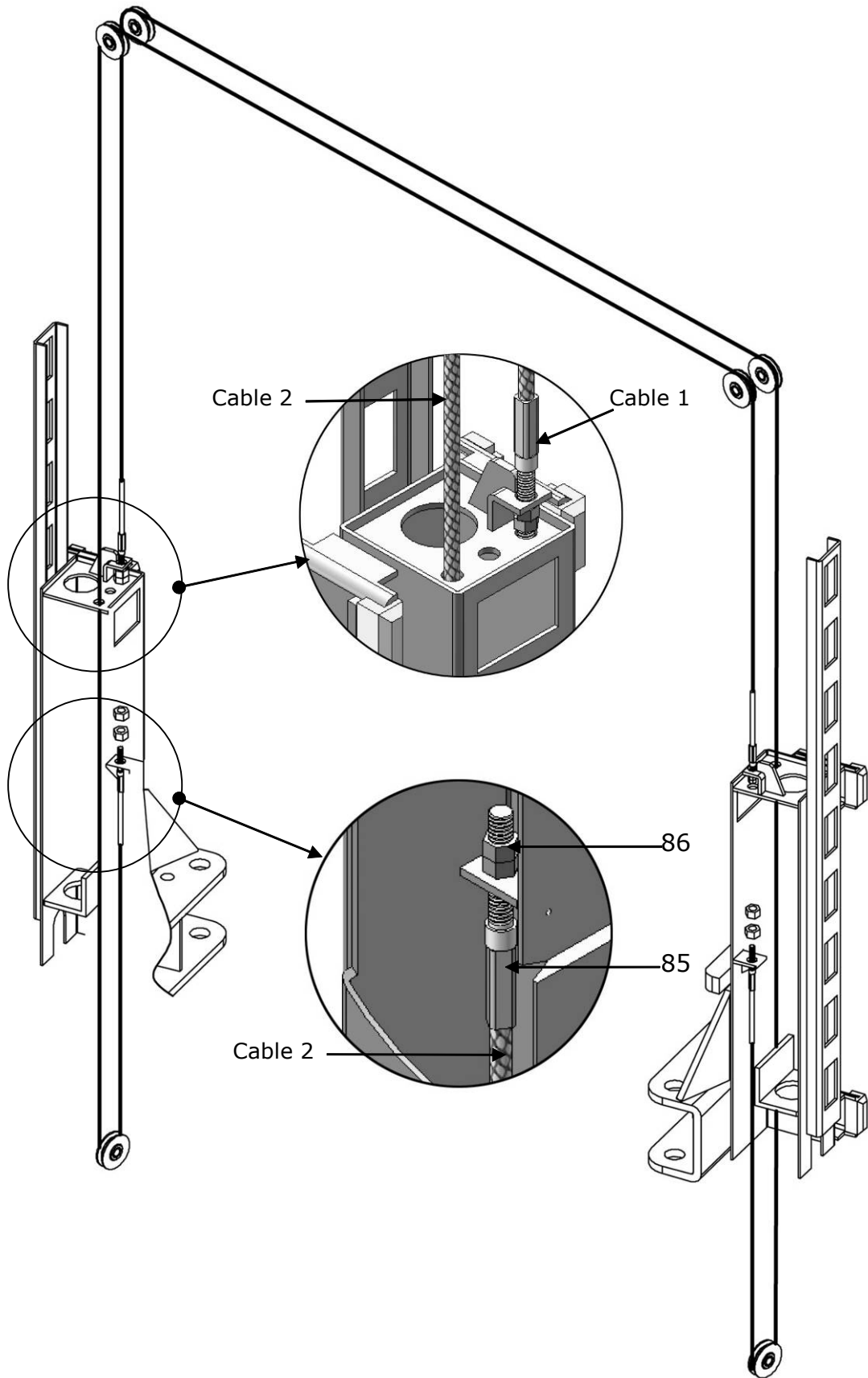
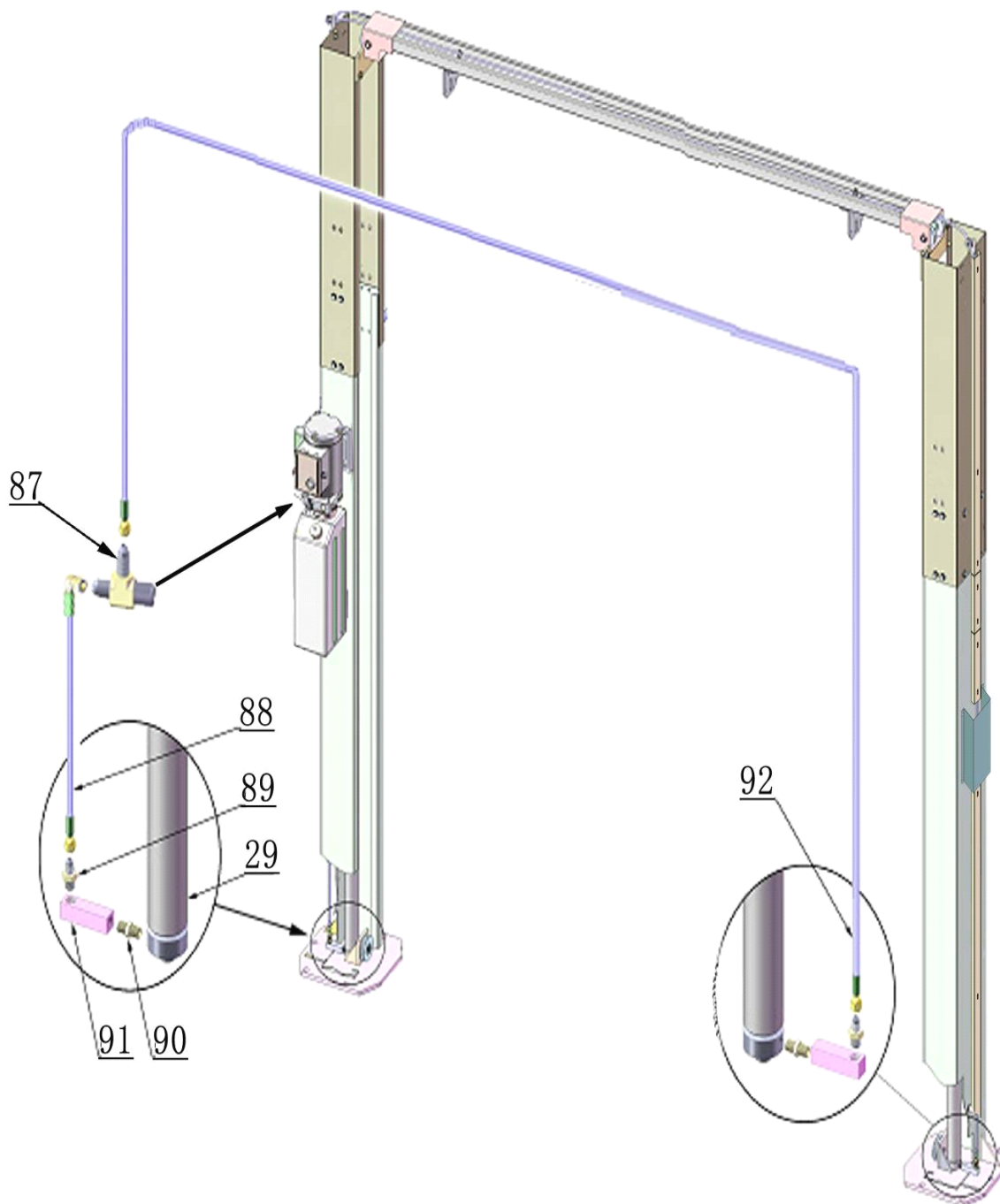


Fig. 25

L. Install hydraulic power unit and oil hose assy. (See Fig. 26).



Tighten all the hydraulic fittings, and fill the reservoir with hydraulic oil.

Note: In consideration of Hydraulic Power Unit's durability and keep the equipment running in the perfect condition, please use Hydraulic Oil 46#.

Fig. 26

M. Install safety cable (See Fig. 27)

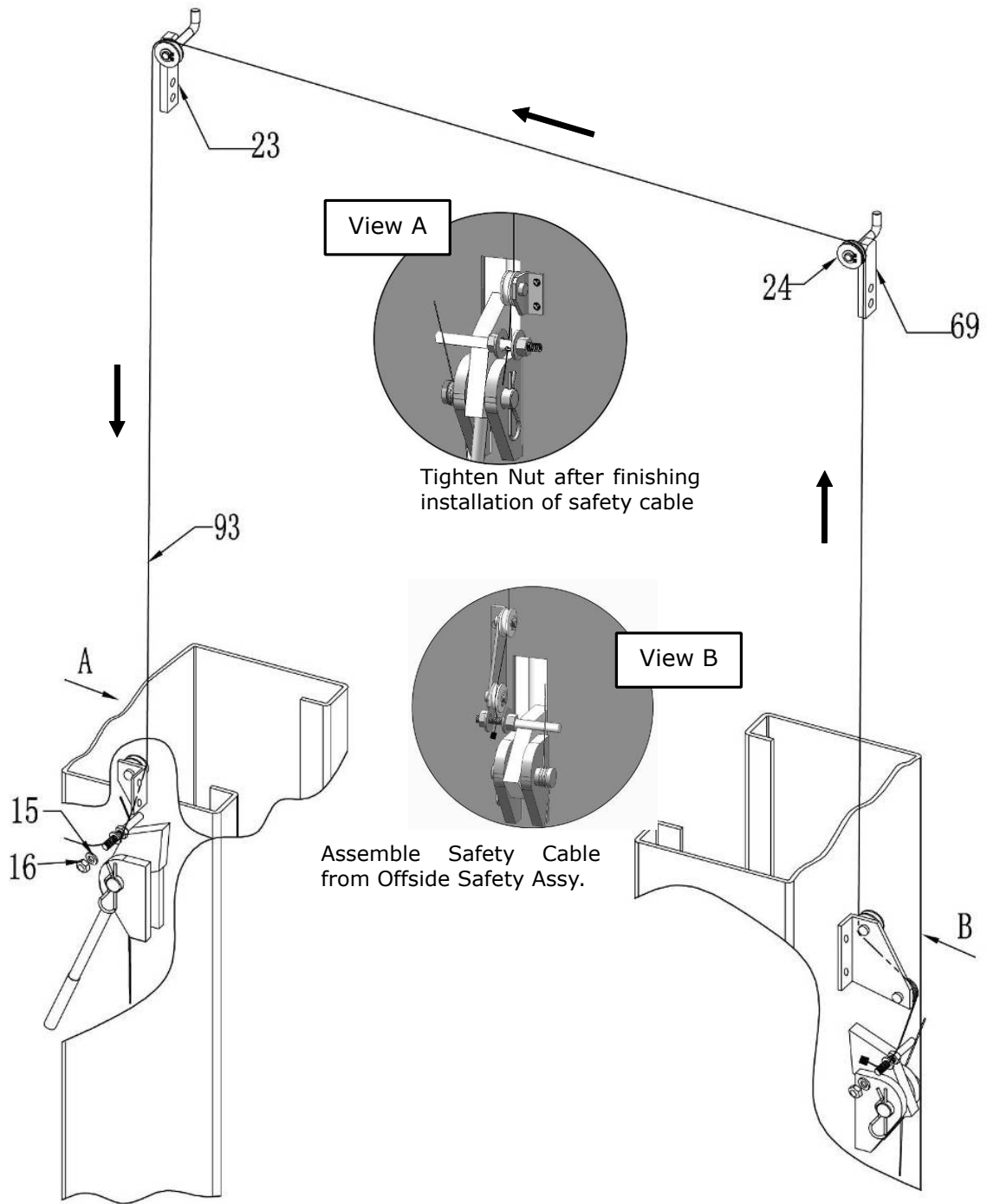
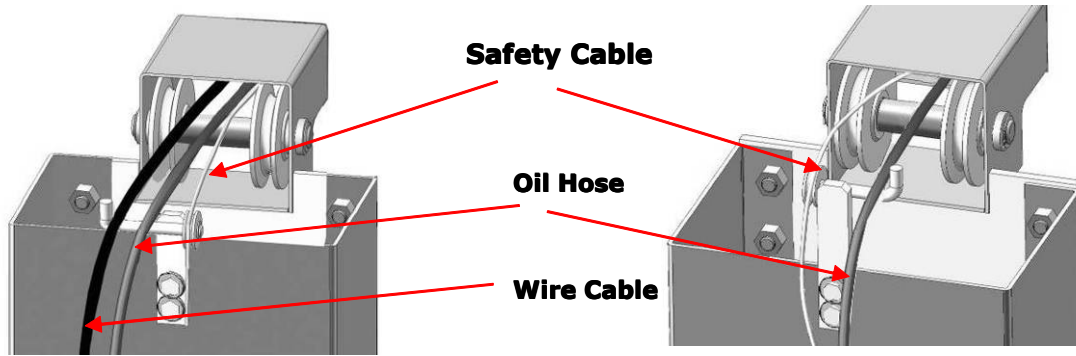


Fig. 27

N. Assembly retainer

1. Install Oil Hose.

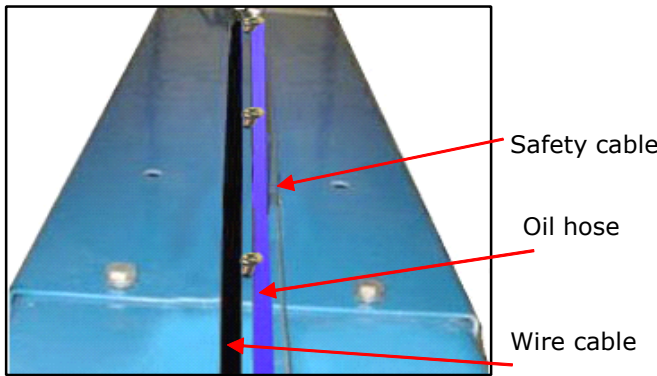
Note: Don't cross the oil hose and safety cable together (See Fig. 28 & Fig. 29).



**Powerside Safety Device
Fig. 28**

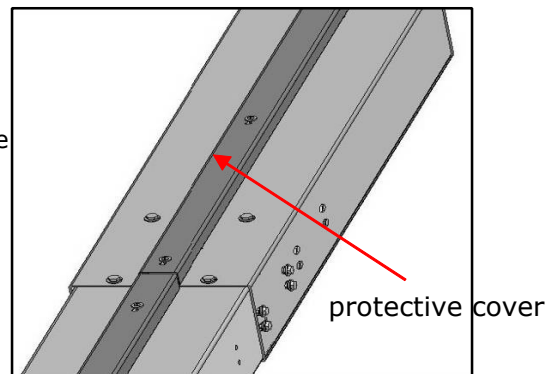
**Offside Safety Device
Fig. 29**

2. Install safety cable and oil hose (See Fig. 30 & Fig. 31 & Fig. 32) .



**Before install the wire
protective cover**

Fig. 30



**After install the wire
protective cover**

Fig. 31

The safety cable can not put inside cable clamp on top of overhead beam

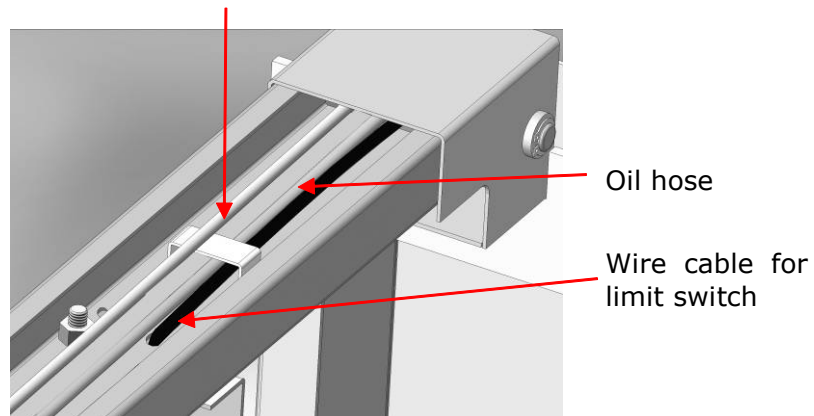


Fig. 32

O. Install lifting arms and adjust the arm locks.

1. Install the lifting arms **(See Fig. 33)**.
2. Lowering the carriages down to the lowest position, then use the 8# socket head wrench to loose the socket bolt **(See Fig. 34)**.

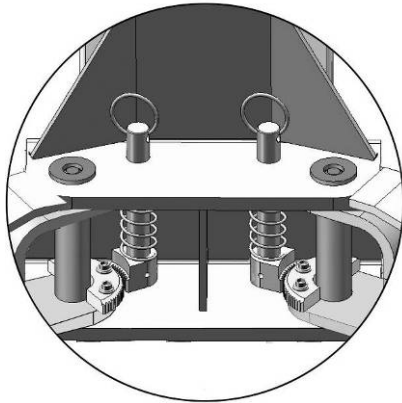
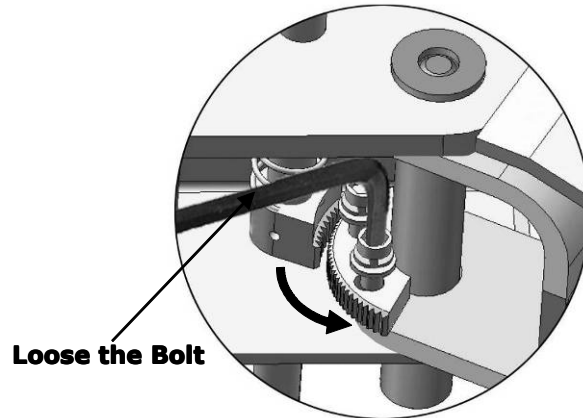


Fig. 33



Use the 8# Socket Head Wrench to loose the Socket Bolt

Fig. 34

3. Adjust the arm lock as direction of arrow **(See Fig. 35)**

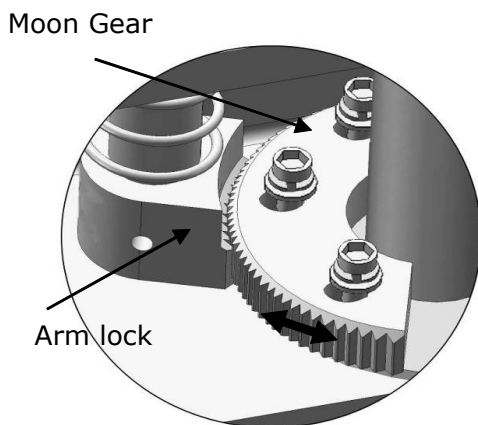


Fig. 35

Locking the bolts after the moon gear and arm lock engaged well

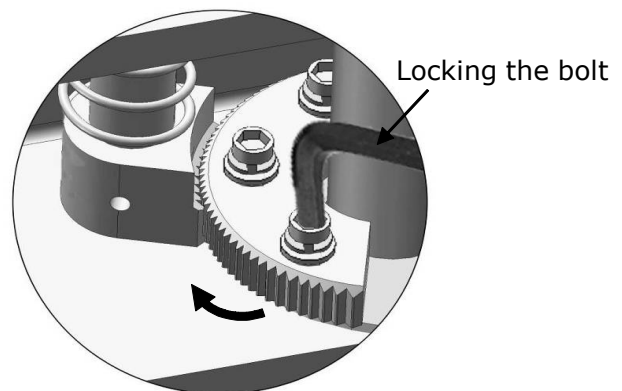


Fig. 36

4. Adjust moon gear and arm lock to make it to be meshed, then tighten the socket bolts of arm lock **(See Fig. 36)**.

P. Install electrical system

Connect the power source on the data plate of power unit.

Note: 1. For the safety of operators, the power wiring must contact the floor well.

2. Pay attention to the direction of rotations when using three phase motors.

PEAK single phase motor (See Fig. 37).

1. Connecting the two power supply lines (fire wire **L** and zero wire **N**) to terminals of AC contactor marked **L1, L2** respectively.
2. Connecting the two motor wires to terminals of AC contactor marked **T1, T2**.
3. Connecting **A2** to **L2** of AC contactor.
4. Connecting the limit switch: Remove the line of connecting terminal **4#** of control button and **A1** of AC contactor firstly (See Fig. 38), then connect wire **12#** of limit switch with terminal **4#** of control button and connect wire **11#** with terminals **A1** of AC contactor respectively (See Fig. 39).

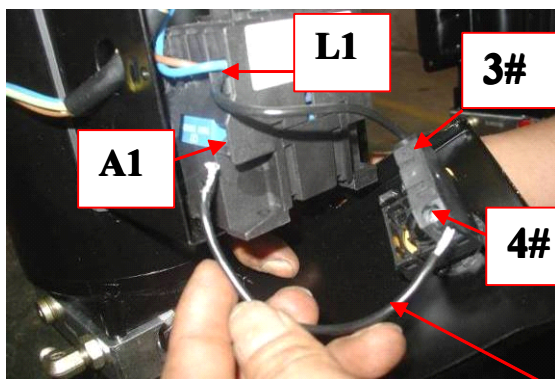
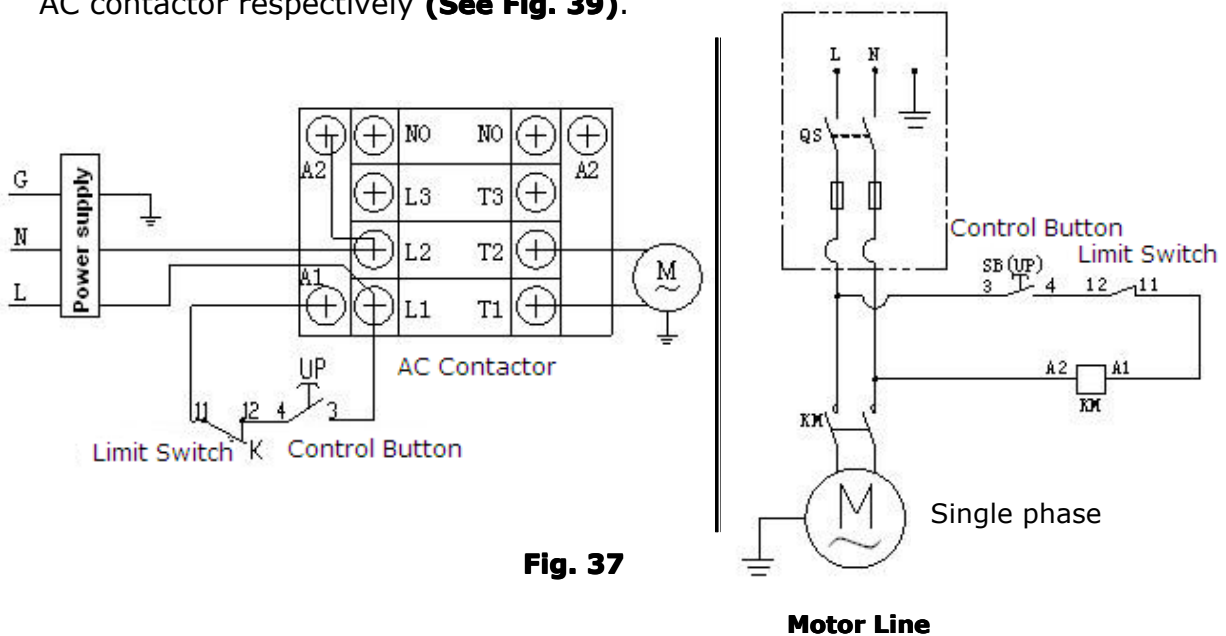


Fig. 38

Remove this line before connecting the Limit Switch

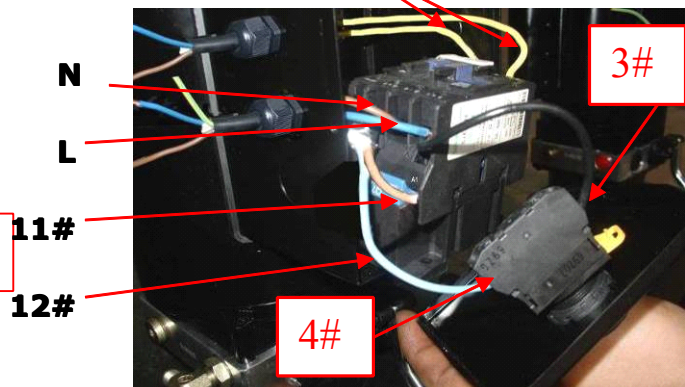


Fig. 39

SPX single phase motor (See Fig. 40)

1. Power supply line (zero wire **N**) connected with wire **5#** of motor.
2. Wire **11#** of limit switch connected with wire **6#** of motor.
3. Wire **12#** of limit switch connected with wire **4#** of control button.
4. Power supply line (fire wire **L**) connected with wire **3#** of control button.

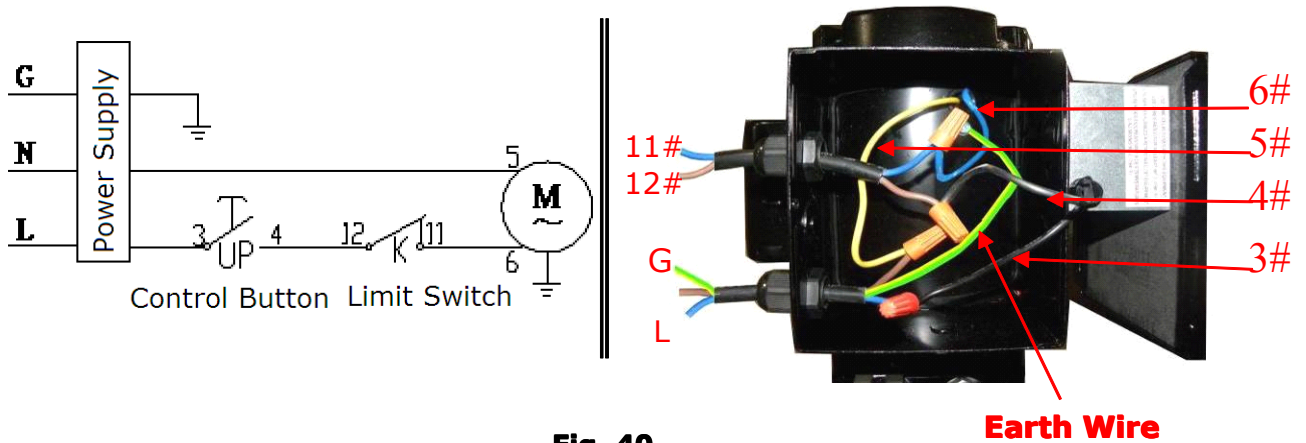


Fig. 40

Three phase motor

1. Circuit diagram (See Fig. 41)

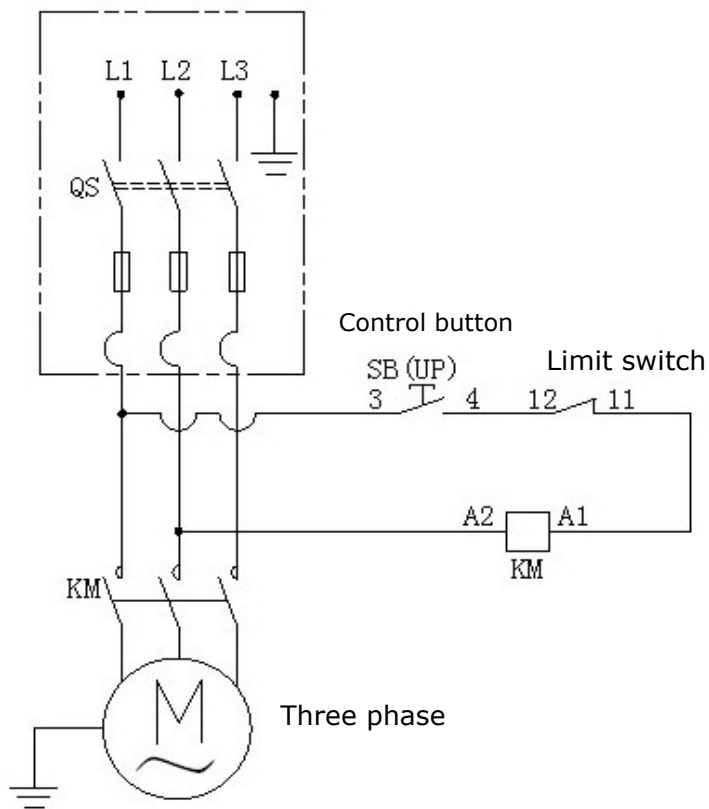


Fig. 41

2. Connection step (See Fig. 42)

- a. The source wires (**L1, L2, L3**) connected with terminals of AC contactor marked **L1, L2, L3** respectively.
- b. Terminals **4#** of control button connected with wire **12#** of limit switch; wire **11#** connected with **A1** terminals of AC contactor.
- c. Terminals **3#** of control button connected with **L1** terminals of AC contactor.

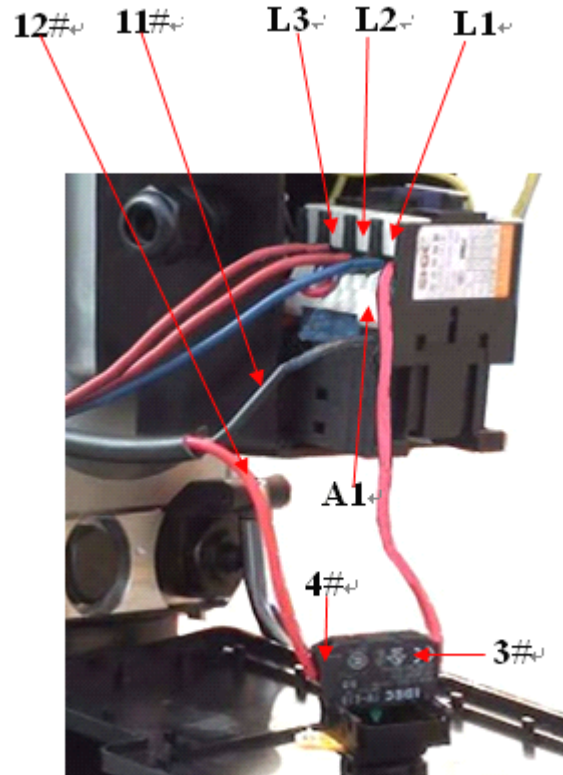
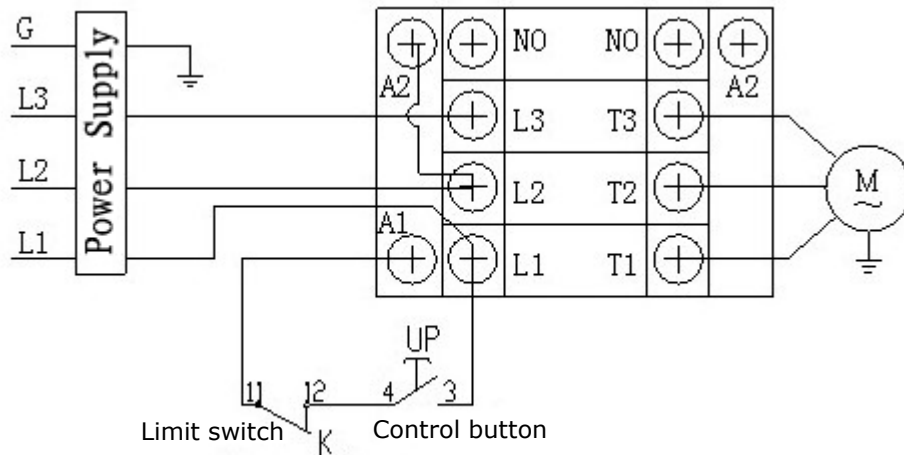


Fig. 42

IV. EXPLODED VIEW

Model 209C 209CH

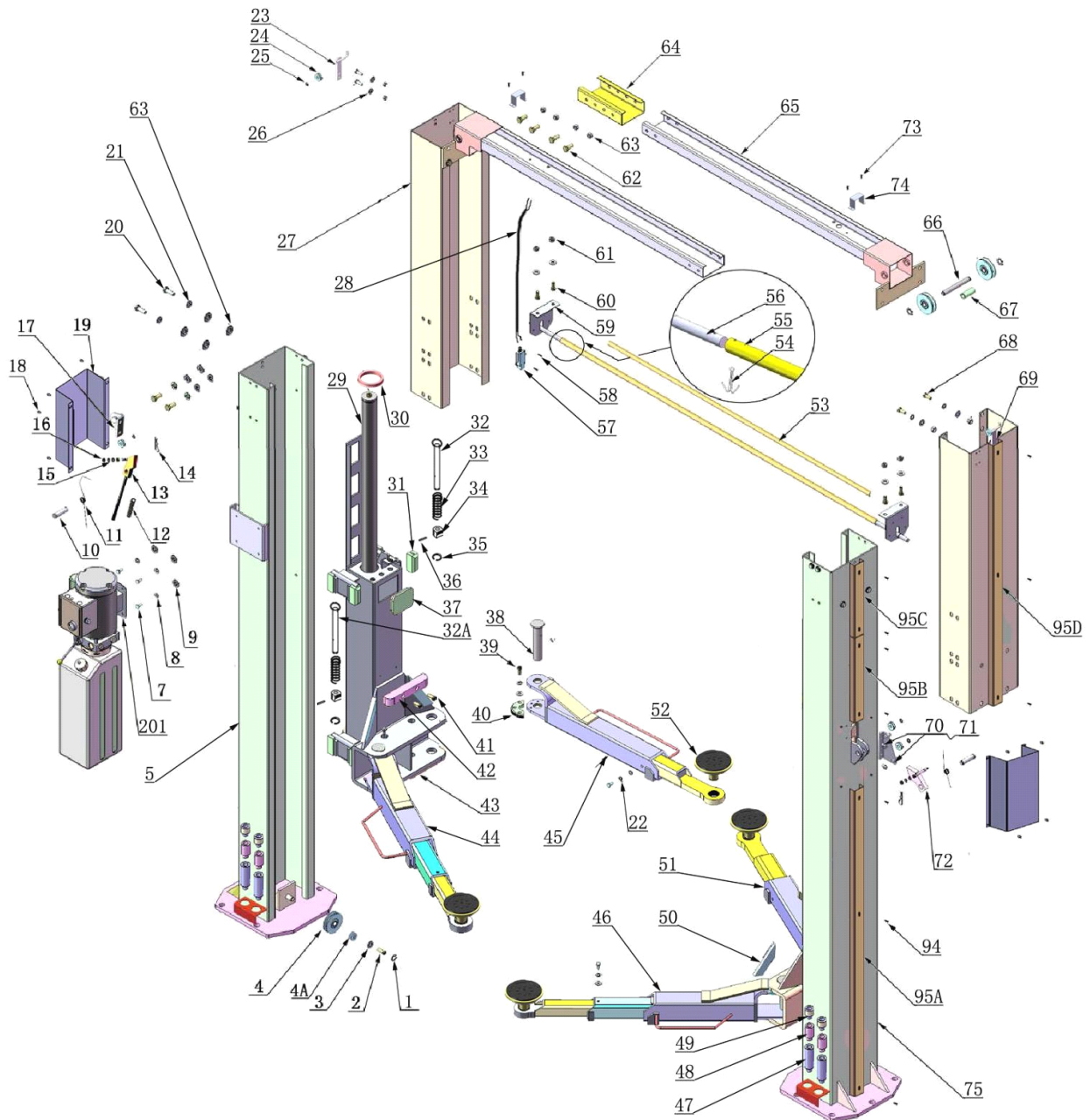
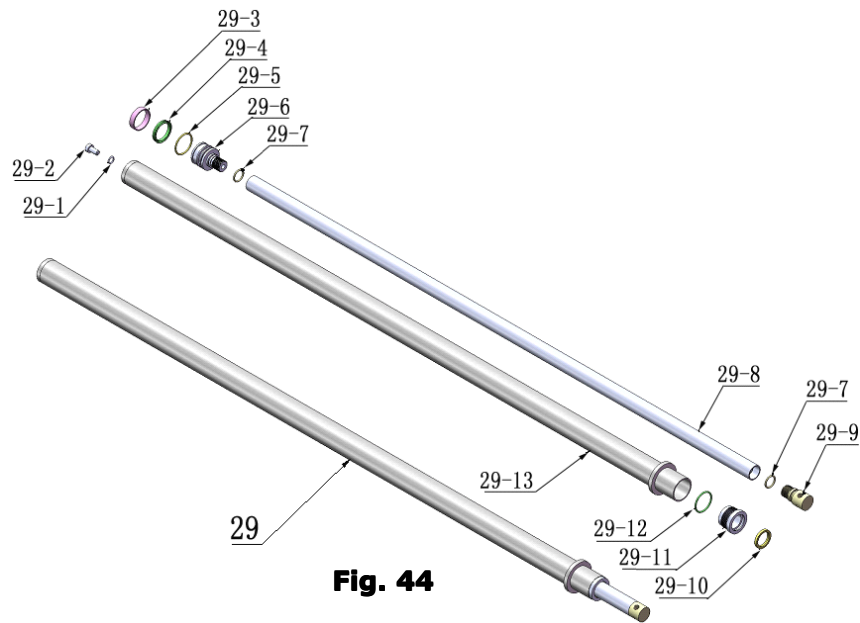
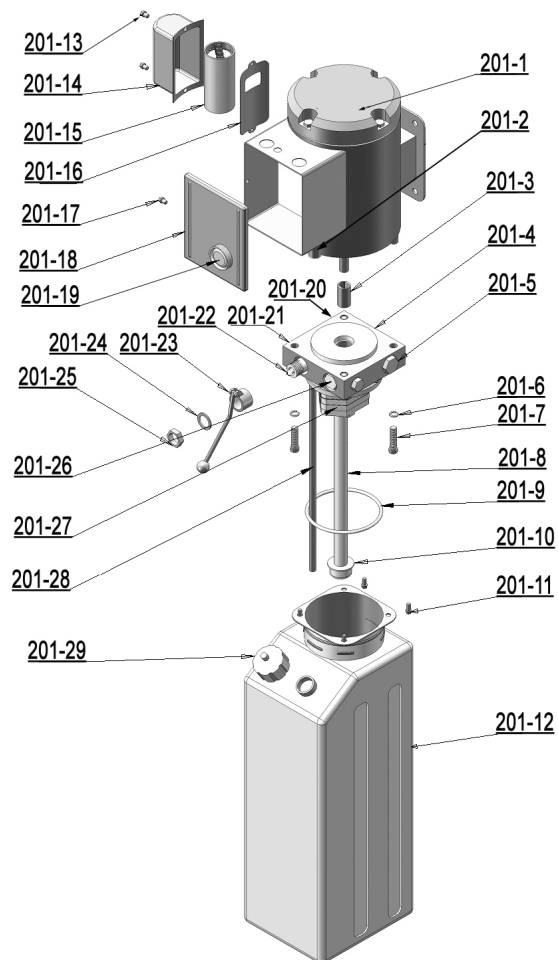


Fig. 43

Cylinders

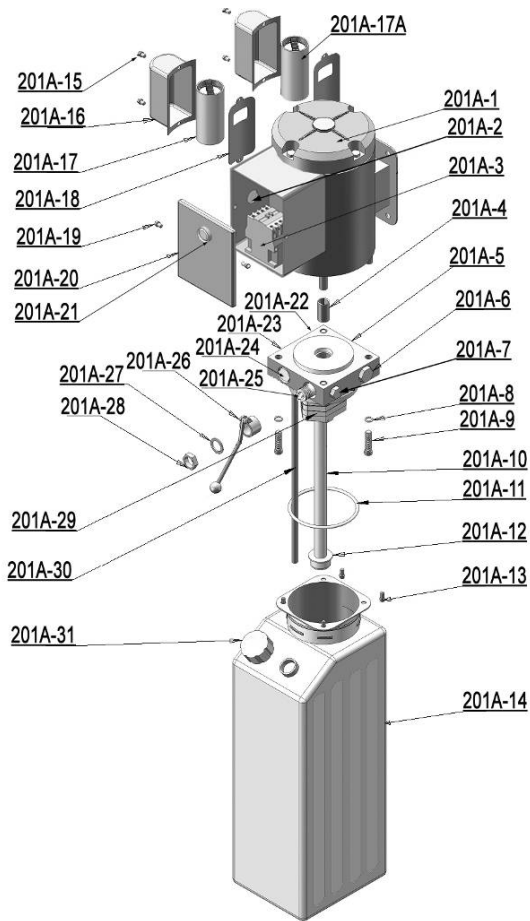


SPX MANUAL POWER UNIT, 220V/50Hz, Single phase



PEAK MANUAL POWER UNIT

220V/50HZ/1 phase



380V/50HZ/3 phase

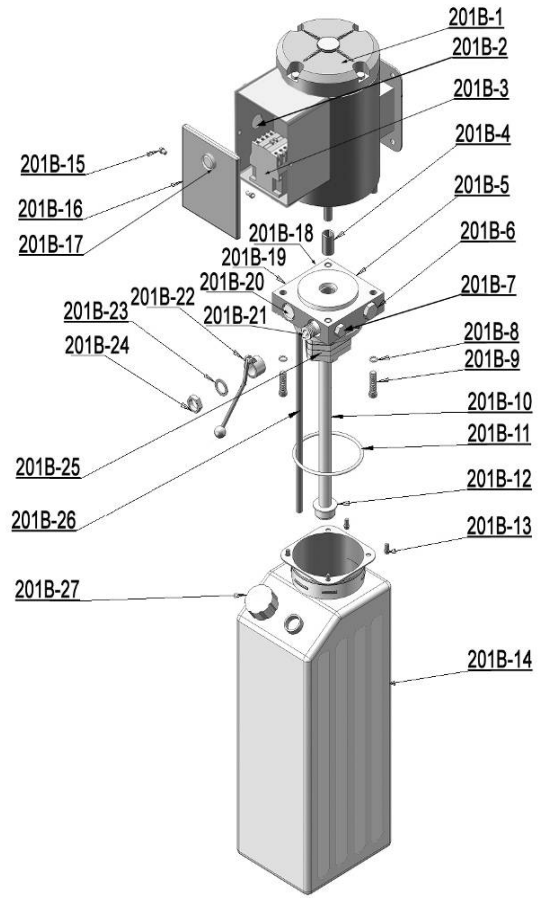


Fig. 46

Illustration of hydraulic valve for SPX & PEAK hydraulic power unit

a. SPX manual power unit, 220V/50HZ, Single phase (See Fig. 47)

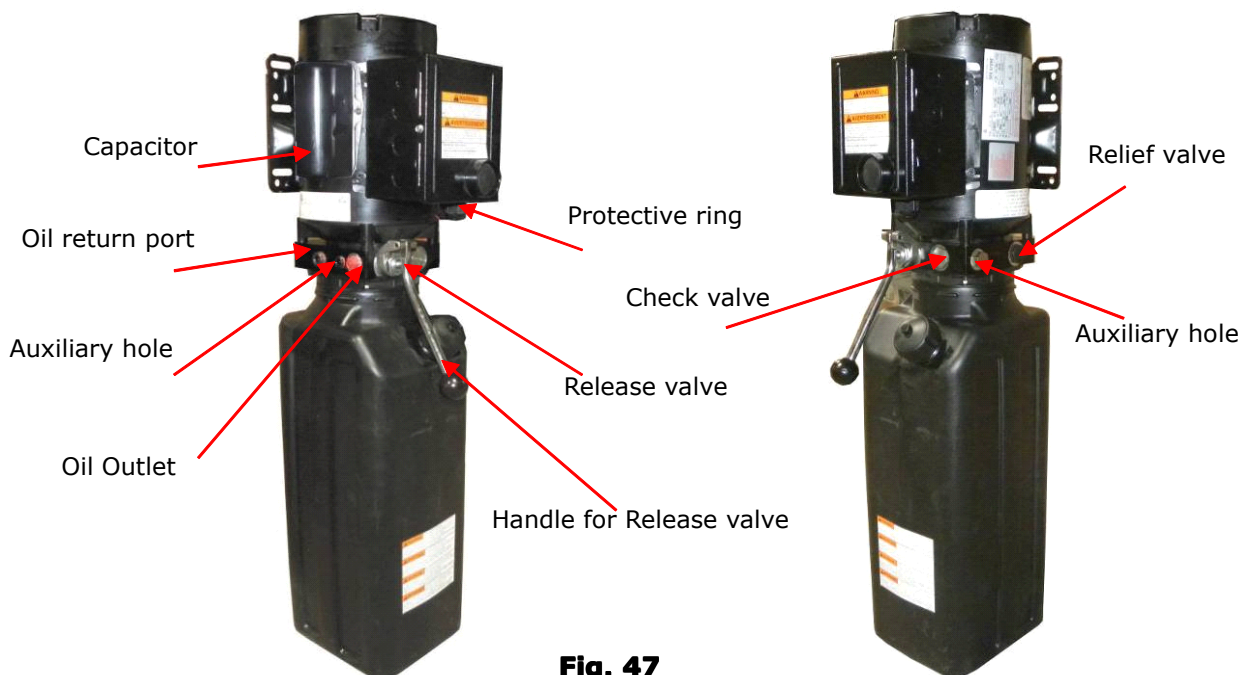


Fig. 47

b. PEAK manual power unit, 220V/50HZ, Single phase (See Fig. 48)

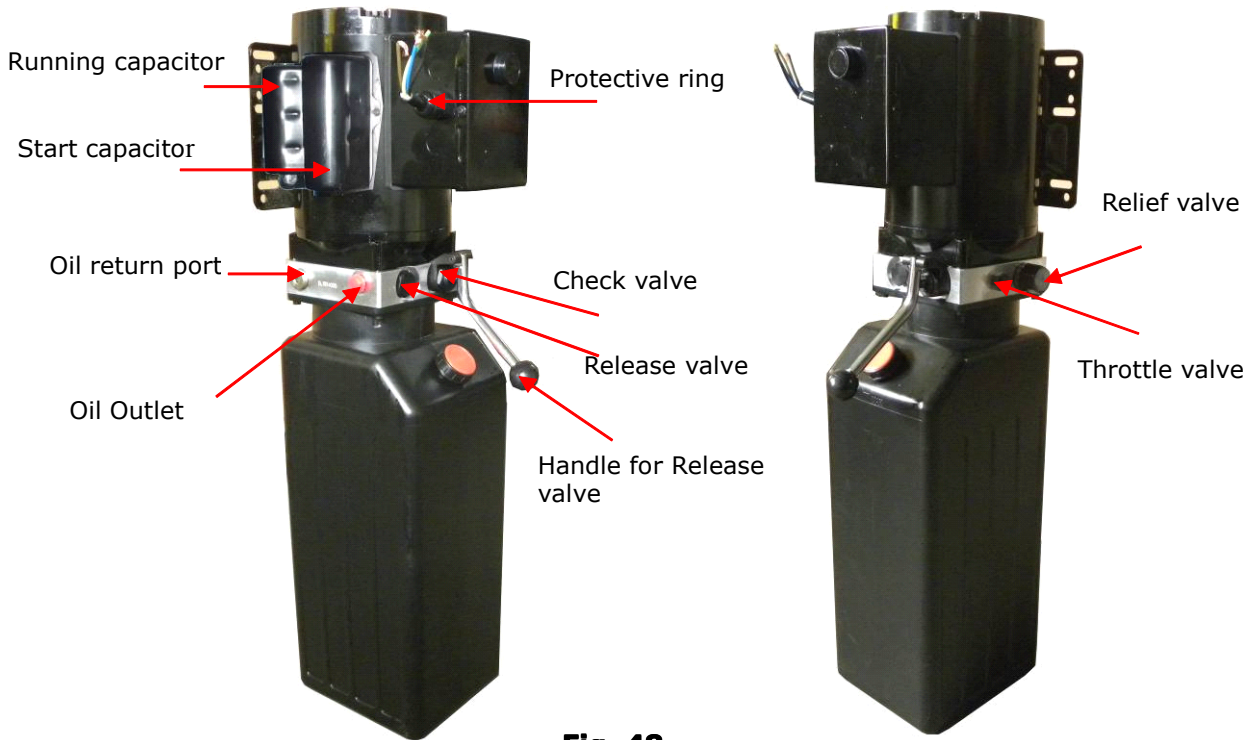


Fig. 48

C. PEAK manual power unit, 380V/50HZ, 3 phase (See Fig. 49)

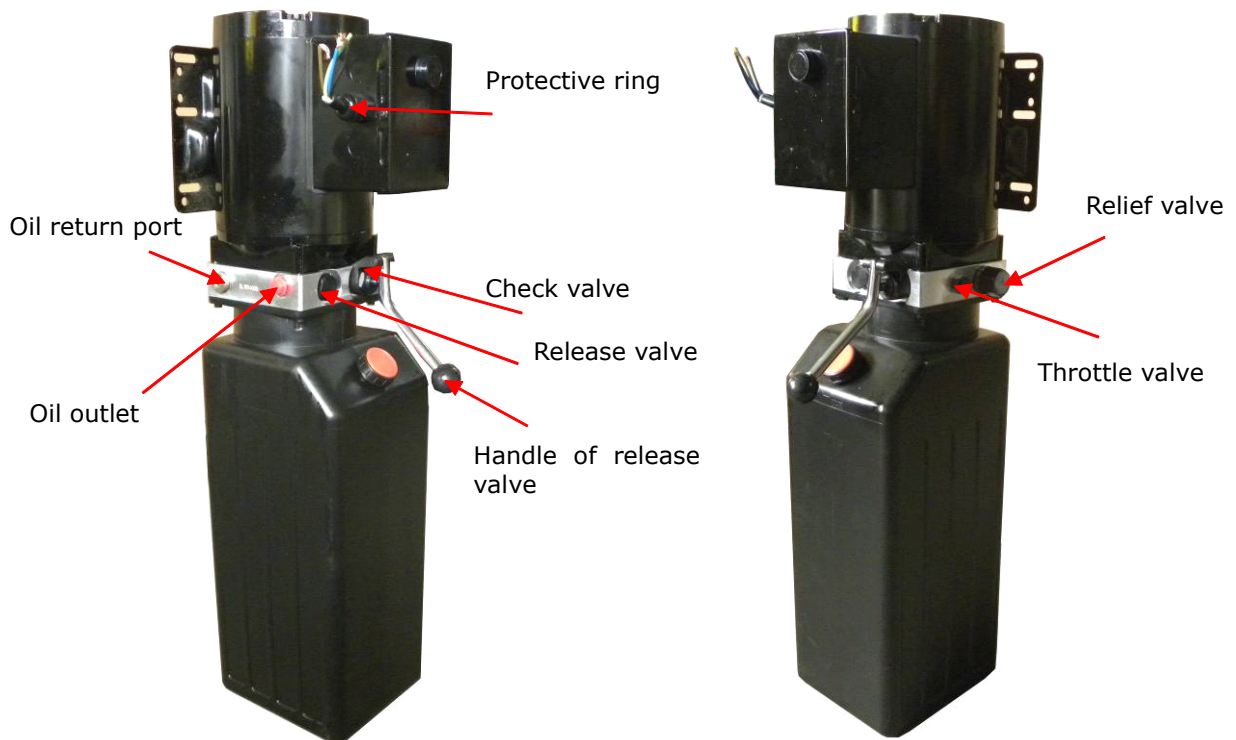


Fig. 49

V. TEST RUN

1. Adjust synchronous cable (See Fig. 50)

Use wrench to hold the cable fitting, meanwhile use ratchet spanner to tighten the cable nut.

Make sure two cables are with the same tension so that two carriage can work synchronously.

Fit the plastic hole cover on the lifting head.

If the carriage does not Synchronize when lifting, please tighten the cable nut of lower side carriage.

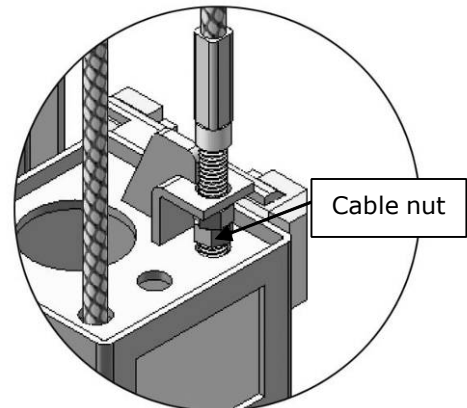


Fig. 50

2. Adjust Safety Cable

Lifting the carriage and lock at the same height, strain the safety cable and then release a little, and then tighten the cable nuts. Make sure the safety device can always be worked properly.

3. Bleeding air

This hydraulic system is designed to bleeding air by loosening the bleeding plug. Lifting the carriages to about 1 meter height, and loose the bleeding plug, the air would be bled automatically, then tighten the plug after bleeding, the lift would work stably and smoothly, otherwise repeat bleeding (**See Fig. 51**).

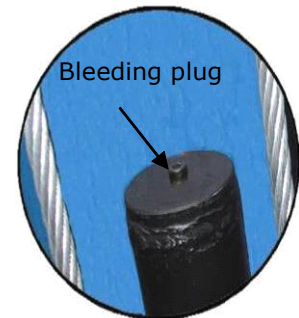
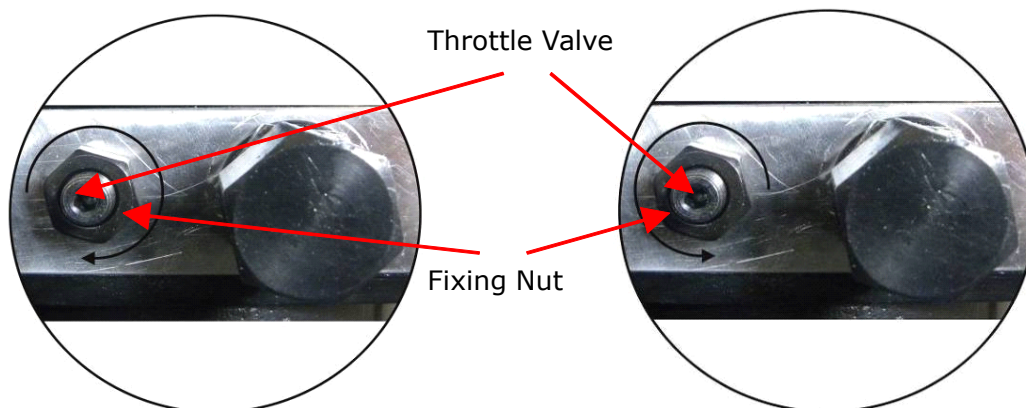


Fig. 51

4. Adjust the lower speed (Only for PEAK power unit)

You can adjust the lower speed of the lift if needing: Loosen the fixing nut of the throttle valve, and then turn the throttle valve clockwise to decrease the lower speed, or counterclockwise to increase the lower speed. Do not forget to tighten the fixing nut after the lower speed adjustment has been done.



Clockwise to decrease the down speed

Fig. 52

Counterclockwise to increase the down speed

5. Test with load

After finishing the above adjustment, test running the lift with load. Run the lift in low position for several times first, make sure the lift can rise and lower synchronously, the Safety Device can lock and release synchronously. And then test run the lift to the top completely. If there are anything improper, repeat the above adjustment.

NOTE: It may be vibrated when lifting at start, please lifting it with load for several times, the air would be bled and the vibration would be disappeared automatically.

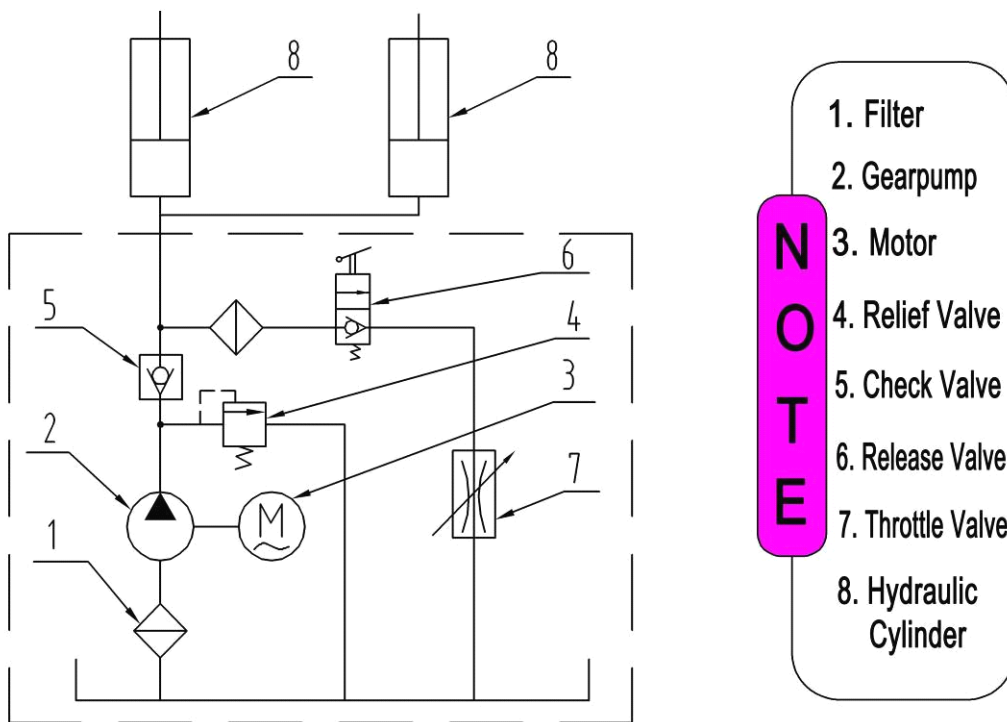


Fig. 53 Hydraulic System

VI. OPERATION INSTRUCTIONS

Please read the safety tips carefully before operating the lift

To lift vehicle

1. Keep clean of site near the lift;
2. Position lift arms to the lowest position;
3. To shortest lift arms;
4. Open lift arms;
5. Position vehicle between columns;
6. Move arms to the vehicle's lifting point;

Note: The four lift arms must at the same time contact the vehicle's lifting point where manufacturers recommended

7. Press the **UP** button until the lift pads contact underside of vehicle totally. Recheck to make sure vehicle is secure;
8. Continue to raise the lift slowly to the desired working height, ensuring the balance of vehicle;
9. Push lowering handle to lower lift onto the nearest safety. The vehicle is ready to repair.

To lower vehicle

1. Be sure clear of around and under the lift, only leaving operator in lift area;
2. Press the button of **UP** to raise the vehicle slightly, and then release the safety device, lower vehicle by pushing lowering handle.
3. Open the arms and position them to the shortest length;
4. Drive away the vehicle.
5. Turn off the power.

VII.MAINTENANCE SCHEDULE

Monthly:

1. Re-torque the anchor bolts to 80-117 Nm;
2. Check all connectors, bolts and pins to insure proper mounting;
3. Lubricate cable with lubricant;
4. Make a visual inspection of all hydraulic hoses/lines for possible wear or leakage;
5. Check Safety device and make sure proper condition;
6. Lubricate all Rollers and Pins with 90wt. Gear oil or equivalent;

Note: All anchor bolts should take full torque. If any of the bolts does not function for any reason, DO NOT use the lift until the bolt has been replaced.

Every six months:

1. Make a visual inspection of all moving parts for possible wear, interference or damage.
2. Check and adjust as necessary, equalizer tension of the cables to insure level lifting.
3. Check columns for plumbness.
4. Check Rubber Pads and replace as necessary.
5. Check Safety device and make sure proper condition.

VIII.TROUBLE SHOOTING

TROUBLE	CAUSE	REMEDY
Motor does not run	<ol style="list-style-type: none"> 1. Button does not work 2. Wiring connections are not in good condition 3. Motor burned out 4. Height Limit Switch is damaged 5. AC contactor burned out 	<ol style="list-style-type: none"> 1. Replace button 2.Repair all wiring connections 3. Repair or replace motor 4.Replace the Limit Switch 5. Replace AC Contactor
Motor runs but the lift is not raised	<ol style="list-style-type: none"> 1. Motor runs in reverse rotation 2. Gear Pump out of operation 3. Release Valve in damage 4. Relief Valve or Check Valve in damage 5. Low oil level 	<ol style="list-style-type: none"> 1.Reverse two power wire 2.Repair or replace 3. Repair or replace 4.Repair or replace 5.Fill tank
Lift does not stay up	<ol style="list-style-type: none"> 1. Release Valve out of work 2. Relief Valve or Check Valve leakage 3. Cylinder or Fittings leaks 	Repair or replace
Lift raises slowly	<ol style="list-style-type: none"> 1. Oil line is jammed 2. Motor running on low voltage 3. Oil mixed with air 4. Gear Pump leaks 5. Overload lifting 	<ol style="list-style-type: none"> 1. Clean the oil line 2. Check Electrical System 3. Fill tank 4. Replace Pump 5. Check load
Lift can not lower	<ol style="list-style-type: none"> 1. Safety device are in activated 2. Release Valve in damage 3. Safety cable broken 4. Oil system is jammed 	<ol style="list-style-type: none"> 1. Release the safeties 2. Repair or replace 3. Replace 4. Clean the oil system

IX. PARTS LIST FOR 209C and 209CH (See Fig. 43, Fig. 4)

Item	Part#	Description	Qty.		Note
			209C	209CH	
1	206019	Snap Ring	6	6	
2	206058	Bolt	2	2	
3	206059	Washer	2	2	
4	206020	Pulley	6	6	
4A	209057B	Bronze Bush For Pulley	6	6	
5	206001	Powerside Inner Column	1	1	
201	209002	Manual Power Unit	1	1	
7	209003	Hex Bolt	8	8	
8	209004	Rubber Ring	4	4	
9	209005	Nylok Nut	8	8	
10	206002	Safety Pin	2	2	
11	209007	Safety Spring	2	2	
12	206003	Handle Protective Plastic cushion	1	1	
13	206004	Powerside Safety Lock	1	1	
14	209012	Hair Pin	2	2	
15	206006	Washer	24	24	
16	206023A	Hex Nut	4	4	
17	206004A	Safety Pulley Bracket	1	1	
18	209009	Cup Head Bolt	8	8	
19	206081	Safety Cover	2	2	
20	209126	Hex Bolt	20	20	
21	209022	Washer	58	58	
22	209039	Lock Washer	18	18	
23	206010	Safety Pulley Bracket	1	1	
24	206009	Plastic Pulley	5	5	
25	209010	Snap Ring	5	5	
26	209033	Washer	4	4	
27	206008	Extension Column	2	0	
	206008A		0	2	
28	206015A	Wire Cable	1	0	
	206015B		0	1	
29	217056	Hydraulic Cylinder	2	2	
30	209111	Protective Ring For Cylinder	2	2	
31	206044	Slider Block	16	16	
32	206046A	Arm Lock Bar	2	2	

Item	Part#	Description	Qty.		Note
			209C	209CH	
32A	206046B	Arm Lock Bar	2	2	
33	206050A	Spring	4	4	
34	217044	Arm Lock	4	4	
35	206032	Snap Ring	4	4	
36	206036	Hair Pin	4	4	
37	209016	Carriage Plastic Cover	2	2	
38	217047	Arm Pin	4	4	
39	206048	Socket Bolt	12	12	
40	206049	Moon Gear	4	4	
41	206046	Self-tapping Screw	4	4	
42	206045	Protective Rubber	2	2	
43	206052A	Carriage	2	2	
44	206075B	Lifting Arm - Front Right	1	1	
44A	206087	Outer Arm - Front Right	1	1	
44B	206088	Middle Arm - Front Right	1	1	
44C	206089A	Inner Arm - Front Right	1	1	
45	206076A	Lifting Arm - Rear Right	1	1	
45A	206090	Outer Arm - Rear Right	1	1	
45B	203049A	Inner Arm - Rear Right	1	1	
46	206077A	Lifting Arm - Front Left	1	1	
46A	206092	Outer Arm - Front Left	1	1	
46B	206093	Middle Arm - Front Left	1	1	
46C	206089A	Inner Arm - Front Left	1	1	
47	209053B	Stackable Adapter (5")	4	4	
48	209052B	Stackable Adapter (2.5")	4	4	
49	209051B	Stackable Adapter (1.5")	4	4	
50	206072	Protective Rubber Set	4	4	
51	206078A	Lifting Arm - Rear Left	1	1	
51A	206094	Outer Arm - Rear Left	1	1	
51B	203047A	Inner Arm - Rear Left	1	1	
52	201046A	Rubber Pad Assy.	4	4	
52A	420138	Socket bolt	4	4	
52B	209134	Rubber Pad	4	4	
52C	680030A	Rubber Pad Frame	4	4	
53	206025A	Foam Cushion	1	1	
54	201005	Split Pin	2	2	
55	206025	Control Bar	1	1	
56	206025C	Connecting Pin for Control Bar	2	2	
57	206013	Limit Switch	1	1	
58	206011	Cup Head Bolt	2	2	

Item	Part#	Description	Qty.		Note
			209C	209CH	
59	206042	Control Bar Support Bracket	2	2	
60	206041	Hex Bolt	4	4	
61	206023	Nylok Nut	12	12	
62	206017	Hex Bolt	8	8	
63	209056	Nylok Nut	28	28	
64	206016	Connecting Bracket	1	1	
65	206018	Top Beam W/Bracket	2	2	
66	206021	Pin For Pulley	2	2	
67	206022	Top Pulley Tube	2	2	
68	206024	Hex Bolt	8	8	
69	206010A	Safety Pulley Bracket	1	1	
70	206008A	Hex Bolt	4	4	
71	206008B	Safety Pulley Bracket	1	1	
72	206026	Offside Safety Lock	1	1	
73	206028	Cup Head Bolt	4	4	
74	206029	Retainer	2	2	
75	206030	Offside Inner column	1	1	
76	209059	Anchor Bolts	10	10	
85	206064A	Cable	2	0	
	206064B		0	2	
86	209066	Cable Nut	8	8	
87	206073	T- Fitting For Power Unit	1	1	
88	206074A	Oil Hose	1	1	
89	209064	Straight Fitting	2	2	
90	206062	Straight Fitting	2	2	
91	233009	Pipe Fitting	2	2	
Parts For Oil Hose, Fitting & Cable (See Fig. 23, Fig. 25-27)					
92	206061C	Oil Hose	1	0	
	206061D		0	1	
93	206065	Safety Cable	1	0	
	206065A		0	1	
94	206079	Cup Head Bolt	20	20	
95A	206080	Protective Cover	2	2	
95B	206083	Protective Cover	2	2	
95C	206084	Protective Cover	2	2	
95D	206085	Protective Cover	2	2	
	206086	Protective Cover	2	2	
96	217048	Retainer	2	2	
97	206500	Parts Box	1	0	
	206501		0	1	

Item.	Part No.	Description	Qty.		Note
			209C	209CH	
Parts For Hydraulic Cylinder (See Fig. 44)					
29-1	209069	O-Ring	2	2	
29-2	209070	Bleeding Plug	2	2	
29-3	209071	Support Ring	2	2	
29-4	209072	Y-Ring	2	2	
29-5	209073	O-Ring	2	2	
29-6	209074	Piston	2	2	
29-7	209075	O-Ring	2	2	
29-8	209076A	Piston Rod	2	2	
29-9	209077	Piston Rod Fitting	2	2	
29-10	209078	Dust Ring	2	2	
29-11	209079	Head Cap	2	2	
29-12	209080	O-Ring	2	2	
29-13	209081A	Bore Weldment	2	2	
Parts For SPX Manual Power Unit, 220V/50Hz/1 phase (See Fig. 45)					
201-1	209082	Motor	1	1	
201-2	209109	Protective Ring	1	1	
201-3	209083	Motor Connecting Shaft	1	1	
201-4	209084	Valve Body	1	1	
201-5	209085	Relief Valve	1	1	
201-6	209086	Lock Washer	4	4	
201-7	209087	Socket Bolt	4	4	
201-8	209088	Inlet Pipe	1	1	
201-9	209089	O-Ring	1	1	
201-10	209090	Filter	1	1	
201-11	209091	Hex bolt	4	4	
201-12	209092	Reservoir	1	1	
201-13	209093	Bolt	2	2	
201-14	209094	Cover of Capacitor	1	1	
201-15	209095	Capacitor	1	1	
201-16	209096	Rubber Gasket	1	1	
201-17	209097	Hex bolt	1	1	
201-18	209098	Cover of Motor Terminal Box	1	1	
201-19	209099	Push Button	1	1	
201-20	209110	Oil Return Port	1	1	
201-21	209100	Oil Outlet	1	1	
201-22	209101	Release Valve	1	1	
201-23	209102	Handle For Release Valve	1	1	
201-24	209103	Washer	1	1	

Item	Part#	Description	Qty.		Note
			209C	209CH	
201-25	209104	Hex Nut	1	1	
201-26	209105	Check Valve	1	1	
201-27	209106	Gear Pump	1	1	
201-28	209107	Oil Return Pipe	1	1	
201-29	209108	Filler Cap	1	1	
Parts For PEAK Manual Power Unit, 220V/50Hz/1phase (See Fig. 46)					
201A-1	209082A	Motor	1	1	
201A-2	209109	Protective Ring	1	1	
201A-3	209112	AC contactor	1	1	
201A-4	209083A	Motor Connecting Shaft	1	1	
201A-5	209084A	Valve Body	1	1	
201A-6	209085A	Relief Valve	1	1	
201A-7	209113	Throttle valve	1	1	
201A-8	209086A	Lock Washer	4	4	
201A-9	209087A	Socket Bolt	4	4	
201A-10	209088A	Inlet Pipe	1	1	
201A-11	209089A	O-Ring	1	1	
201A-12	209090A	Filter	1	1	
201A-13	209091A	Socket bolt	4	4	
201A-14	209092A	Reservoir	1	1	
201A-15	209093A	Cup Head Bolt With Washer	4	4	
201A-16	209094A	Cover of Capacitor	2	2	
201A-17	209095A	Start Capacitor	1	1	
201A-17A	209095B	Running Capacitor	1	1	
201A-18	209096A	Rubber Gasket	2	2	
201A-19	209097A	Cup Head Bolt With Washer	2	2	
201A-20	209098A	Cover of Motor Terminal Box	1	1	
201A-21	209099A	Push Button	1	1	
201A-22	209110A	Oil Return Port	1	1	
201A-23	209100A	Oil Outlet	1	1	
201A-24	209105A	Check Valve	1	1	
201A-25	209101A	Release Valve	1	1	
201A-26	209102A	Handle For Release Valve	1	1	
201A-27	209103A	Washer	1	1	
201A-28	209104A	Hex Nut	1	1	
201A-29	209106A	Gear Pump	1	1	
201A-30	209107A	Oil Return Pipe	1	1	
201A-31	209108A	Filler Cap	1	1	

Item	Part#	Description	Qty.		Note
			209C	209CH	
Parts For PEAK Manual Power Unit 380V/50Hz/3 phase (See Fig. 46)					
201B-1	209118A	Motor	1	1	
201B-2	209109	Protective Ring	1	1	
201B-3	209112	AC contactor	1	1	
201B-4	209083A	Motor Connecting Shaft	1	1	
201B-5	209084A	Valve Body	1	1	
201B-6	209085A	Relief Valve	1	1	
201B-7	209113	Throttle valve	1	1	
201B-8	209086A	Lock Washer	4	4	
201B-9	209087A	Socket Bolt	4	4	
201B-10	209088A	Inlet Pipe	1	1	
201B-11	209089A	O-Ring	1	1	
201B-12	209090A	Filter	1	1	
201B-13	209091A	Socket bolt	4	4	
201B-14	209092A	Reservoir	1	1	
201B-15	209097A	Cup Head Bolt With Washer	2	2	
201B-16	209098A	Cover of Motor Terminal Box	1	1	
201B-17	209099A	Push Button	1	1	
201B-18	209110A	Oil Return Port	1	1	
201B-19	209100A	Oil Outlet	1	1	
201B-20	209105A	Check Valve	1	1	
201B-21	209101A	Release Valve	1	1	
201B-22	209102A	Handle For Release Valve	1	1	
201B-23	209103A	Washer	1	1	
201B-24	209104A	Hex Nut	1	1	
201B-25	209106A	Gear Pump	1	1	
201B-26	209107A	Oil Return Pipe	1	1	
201B-27	209108A	Filler Cap	1	1	



PEAK CORPORATION

A2-A3 Xingui Industrial Area, Yanbu, Nanhai District,
Foshan(528247), China

Tel: 86-757-81102815 81102816

Fax: 86-757-81102809

Email: peak@peaklift.cn <http://www.peaklift.cn>

Manual Part NO.:72220601

Revision Date:12/12