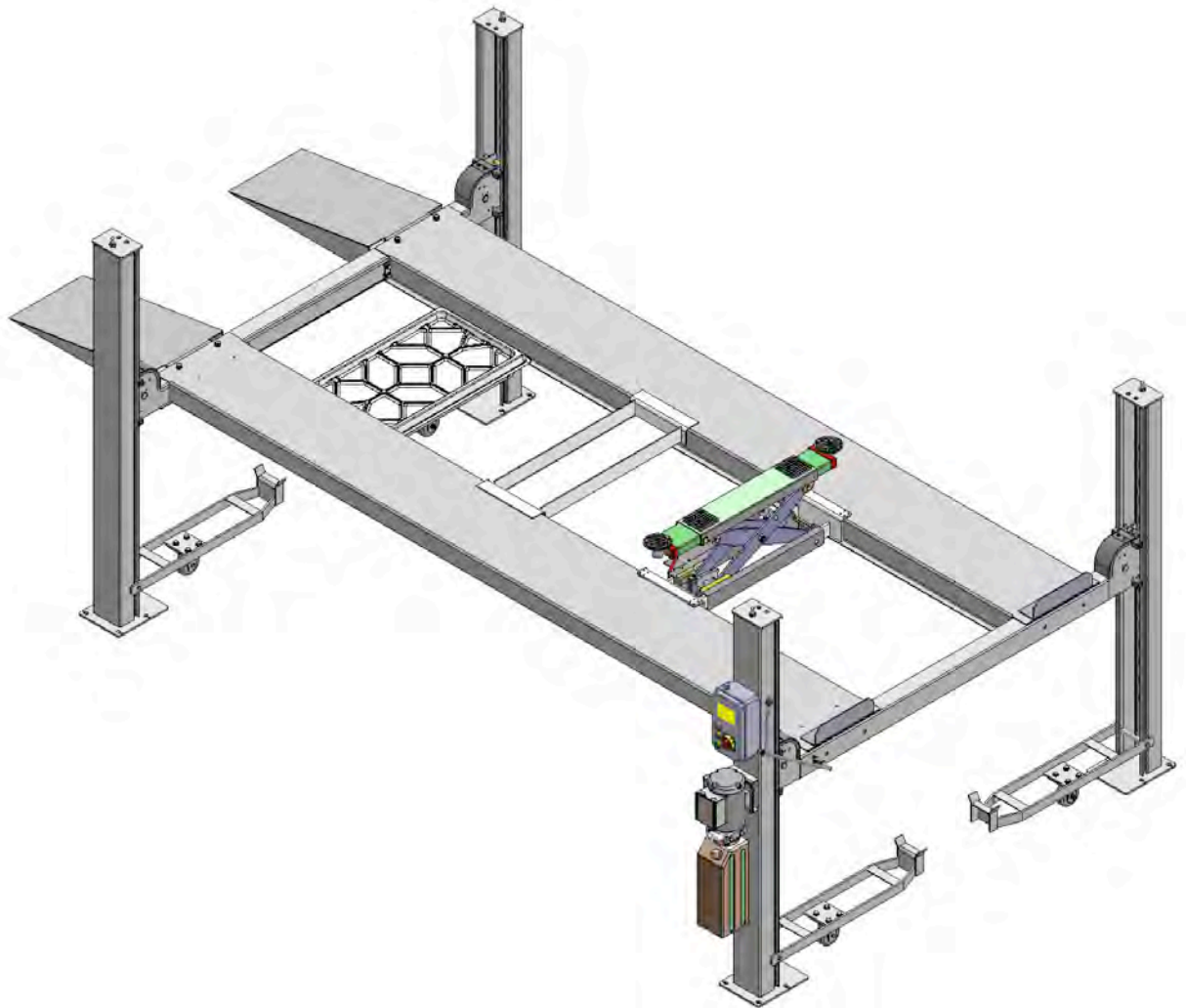




Installation And Service Manual



FOUR-POST PARKING LIFT

Model: A435-P

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I. PRODUCT FEATURES AND SPECIFICATIONS

4-POST MODEL A435-P FEATURES

- Single point manual safety release.
- Four mechanical locking devices, each equipped with both primary and secondary safety locks.
- Powerside column can be installed at both side, front or rear.
- Non-skid diamond platforms and adjustable safety lock ladders.
- Optional kits: Sliding jack with hand pump, caster kits, Jack tray, Plastic oil tray.

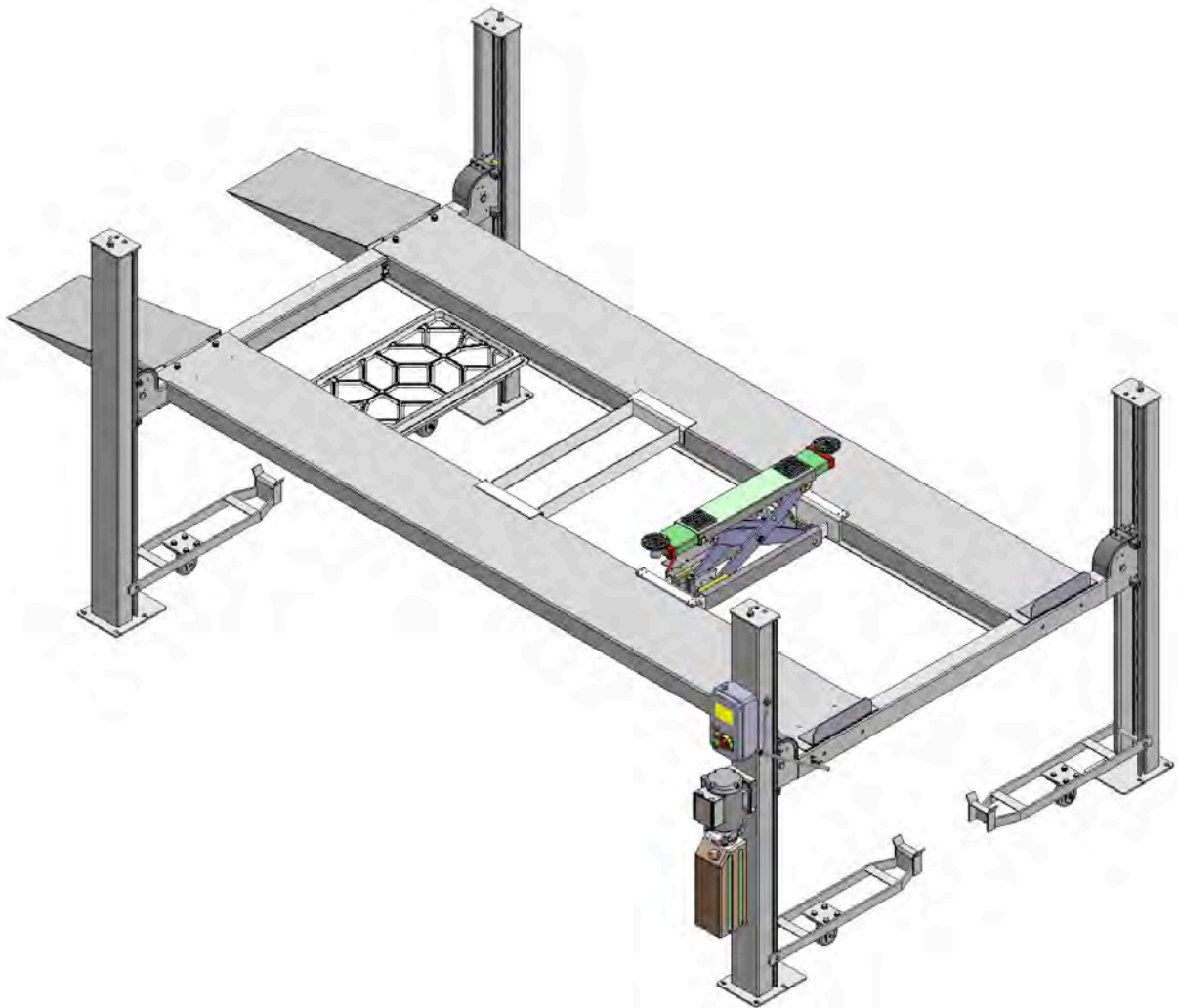


Fig.1

MODEL A435-P SPECIFICATIONS

Model	Lifting Capacity	Lifting Height	Lifting Time	Overall Length (Inc. Ramps)	Overall Width	Width Between Columns	Gross Weight	Motor
A435-P	3.5T	1864mm (73 3/8")	83S/ 40S	5257mm (207")	2784mm (109 1/2")	2438mm (96")	820kg	110V: 1.5HP/220V: 2.0HP

II. INSTALLATION REQUIREMENT

A. TOOLS REQUIRED











- ✓ Tape Measure (7.5m) 
- ✓ Hammer 
- ✓ Level Bar 
- ✓ English Spanner (12") 
- ✓ Wrench set: (12#, 13#, 14#, 15#, 17#, 19#, 24#, 30#) 
- ✓ Carpenter's Chalk 
- ✓ Screw Sets 
- ✓ Pliers 
- ✓ Lock Wrench 
- ✓ Socket Head Wrench: (3#, 5#, 6#, 8#) 

Fig.2

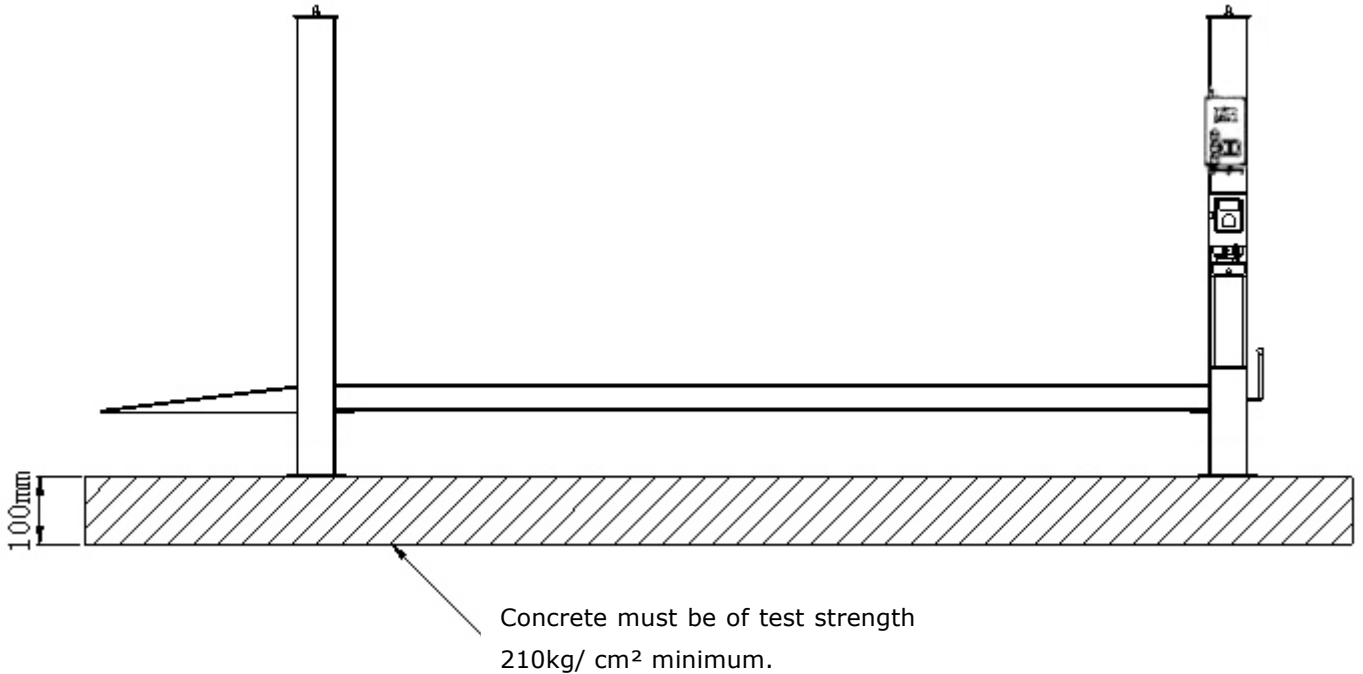
B. SPECIFICATIONS OF CONCRETE (See Fig. 3)

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 100mm minimum and without reinforcing steel bars, and must be dried completely before the installation.

2. Concrete must be in good condition and must be of test strength 3,000psi (210kg/cm²) minimum.
3. Floors must be level and no cracks.



C. POWER SUPPLY **Fig.3**

The electrical source must be 2.2KW minimum. The source cable size must be 2.5mm² and in good condition of contacting with floor.

III. STEPS OF INSTALLATION

A. Check the parts before assembly

1. Packaged lift and Hydraulic Power Unit (See Fig. 4).



Fig.4 Optional Plastic oil tray

2. Open the outer packing carefully, check the parts according to the shipment list. (See Fig. 5).

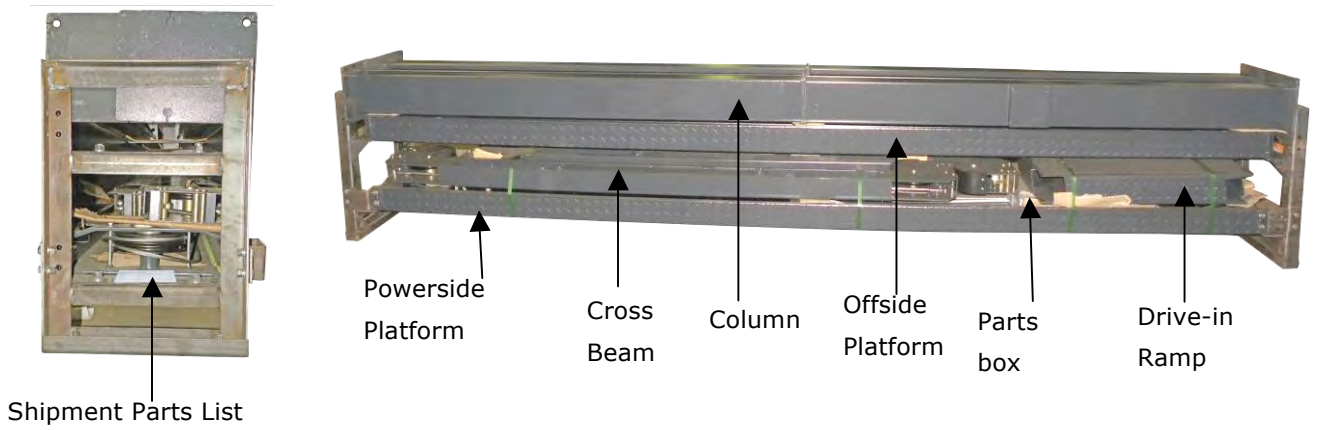


Fig.5

3. Take off the drive-in ramps and columns (See Fig.6).

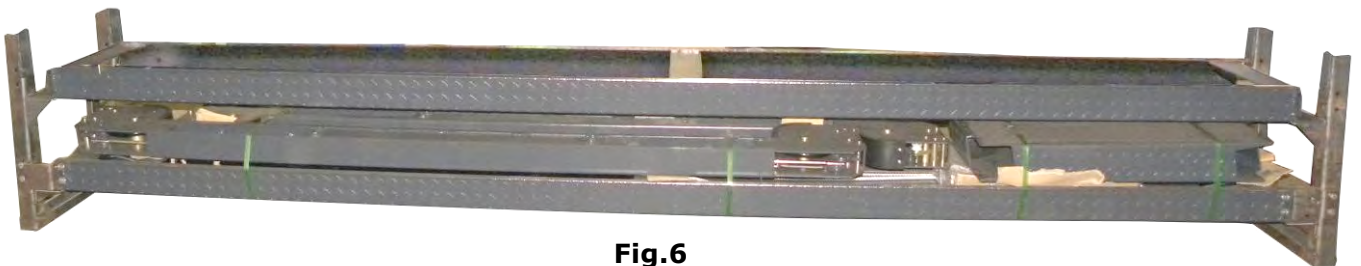


Fig.6

4. Loosen the screws of the upper package stand, take off the offside platform, take out the parts inside the powerside platform, then remove the package stand.

5. Move aside the parts and check the parts according to the shipment parts list (See Fig. 7).

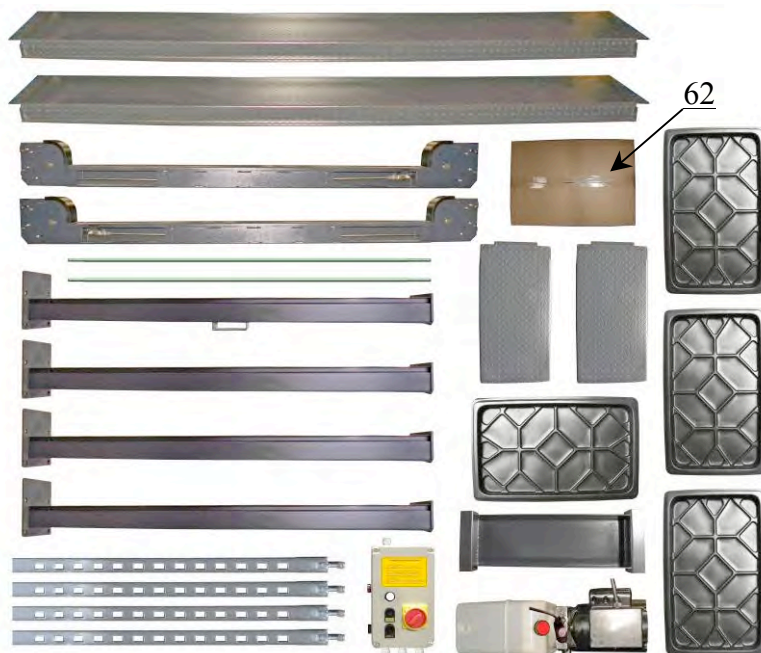


Fig.7

6. Open the carton of parts and check the parts according to the parts box list (See Fig. 8).



Fig.8

7. Check the parts of the parts bag according to the parts bag list (See Fig. 9).



Fig.9

B. Use a carpenter's chalk line to establish installation layout as per Table 1
 Make sure the size is right and base is flat (**see Fig. 10**).

Note: Reserve appropriate space in front and behind the installation site.

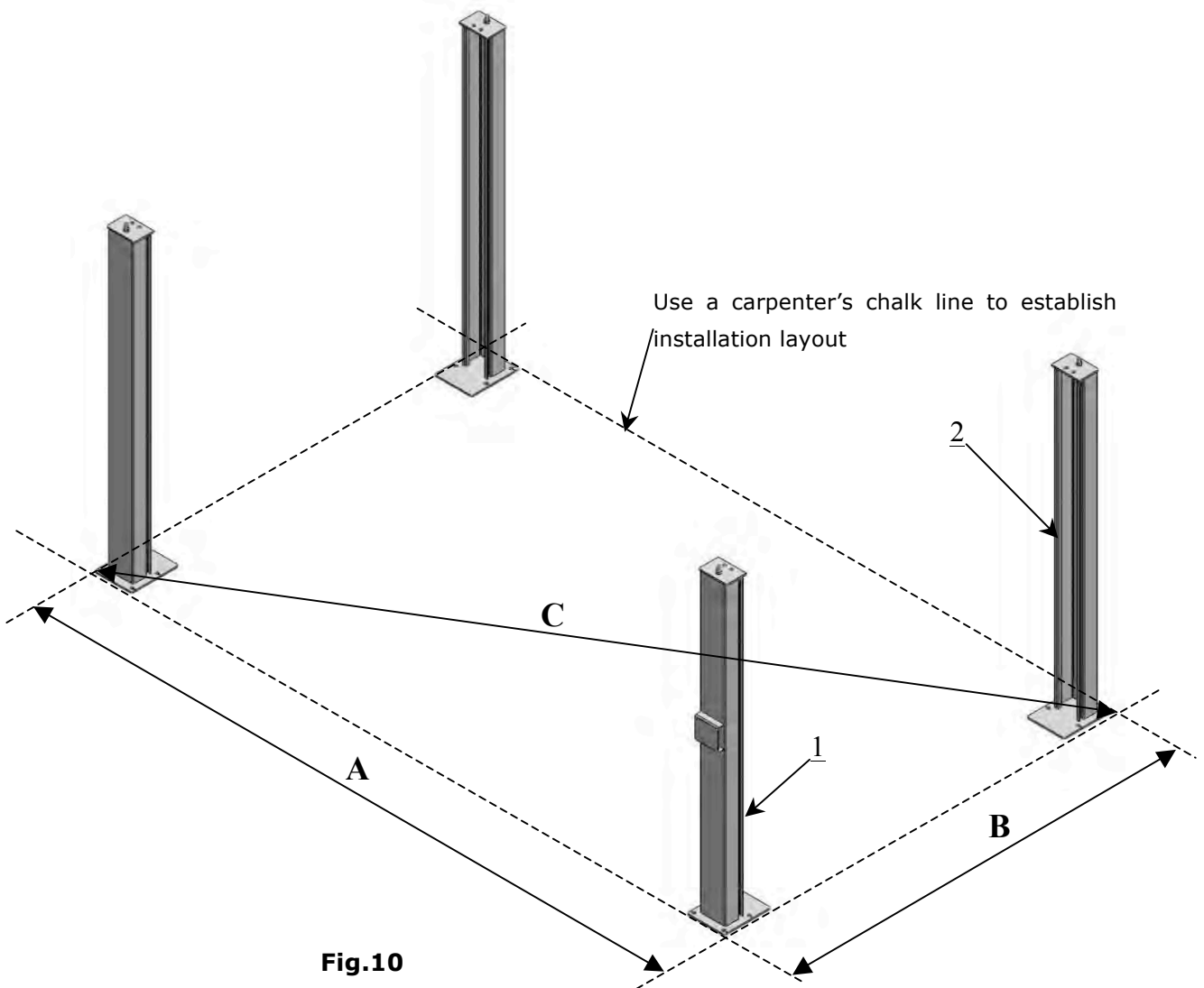


Fig.10

MODEL	A	B	C
A435-P	4400mm 173 1/4"	2784mm 109 5/8"	5207mm 205"

C. Install cross beams (See Fig.11, Fig.12).

Note: Pay attention that the cross beam's slot should be positioned towards inward and the safety locks connecting assy. should be adjacent to the power unit column.

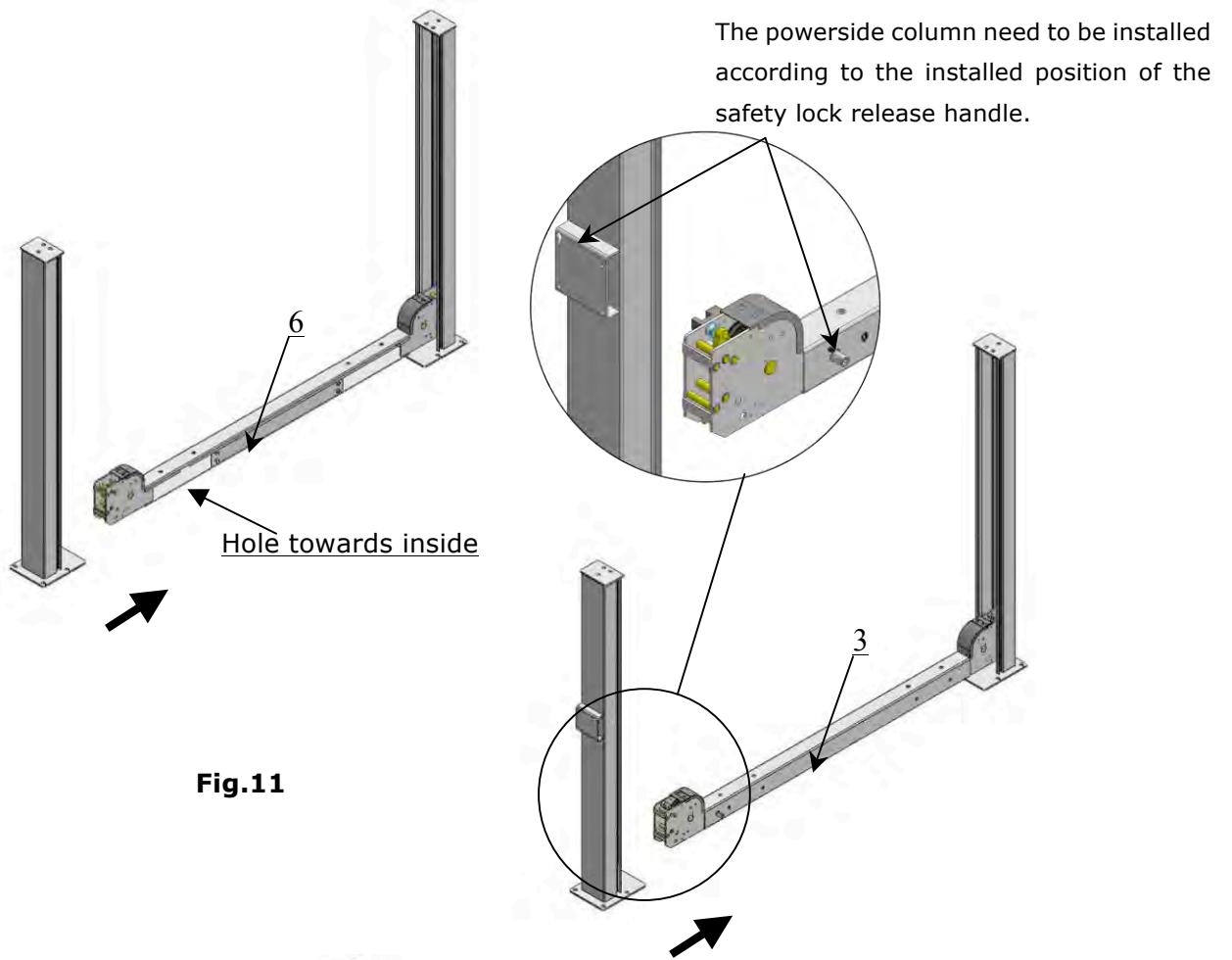


Fig.11

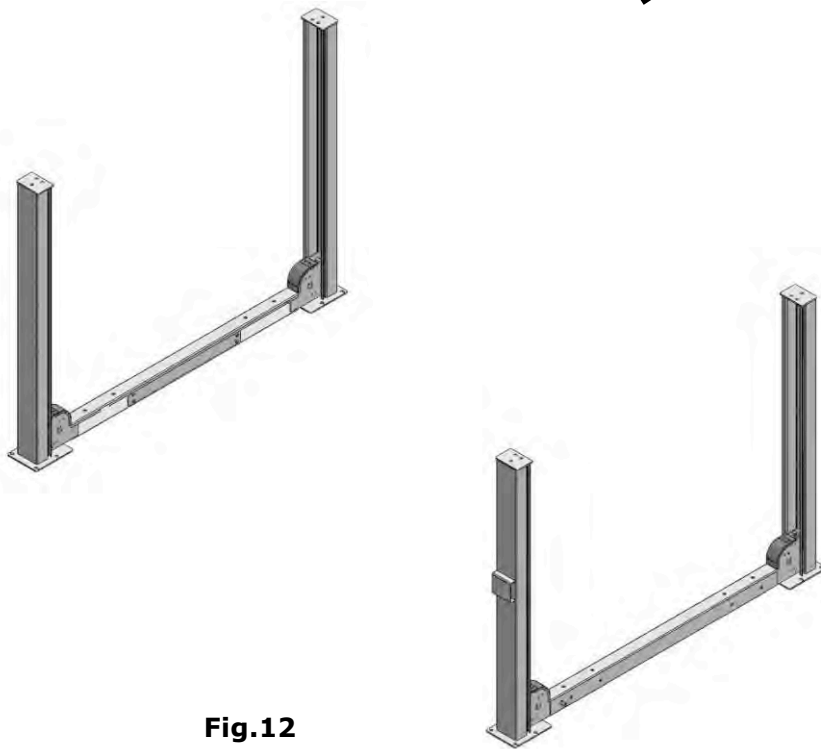


Fig.12

D. Install the Safety Ladders.

1. Take off the pulley safety cover and unscrew the four upper nuts of the safety ladders, and adjust the four lower nuts so they are at the same position. Then insert the safety ladder (See Fig. 13).

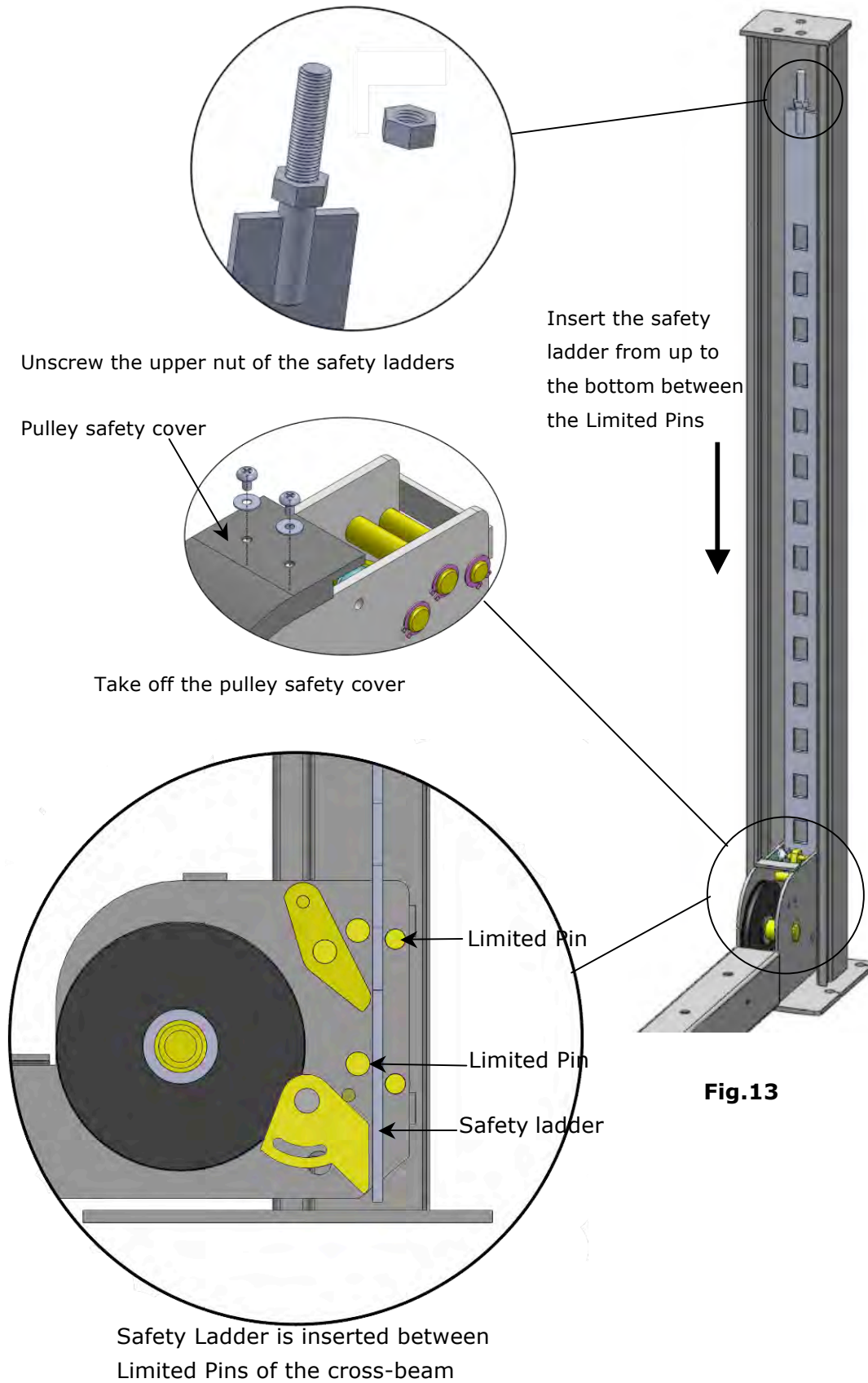
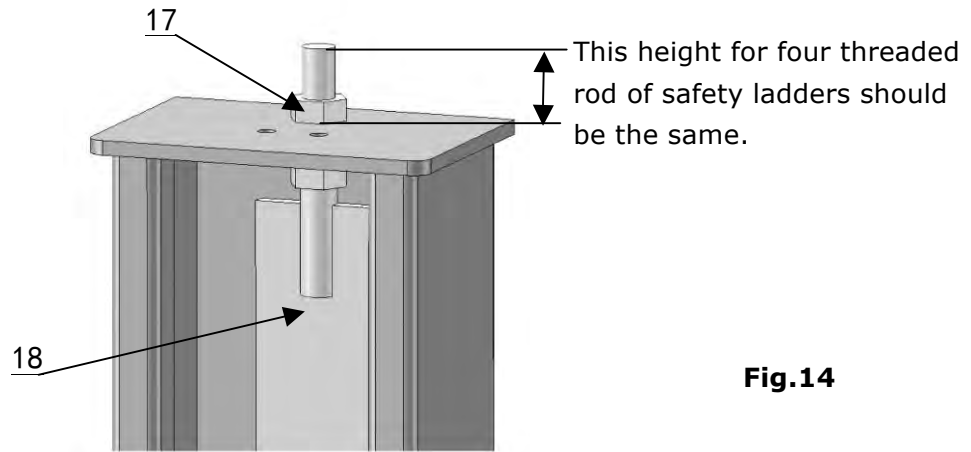


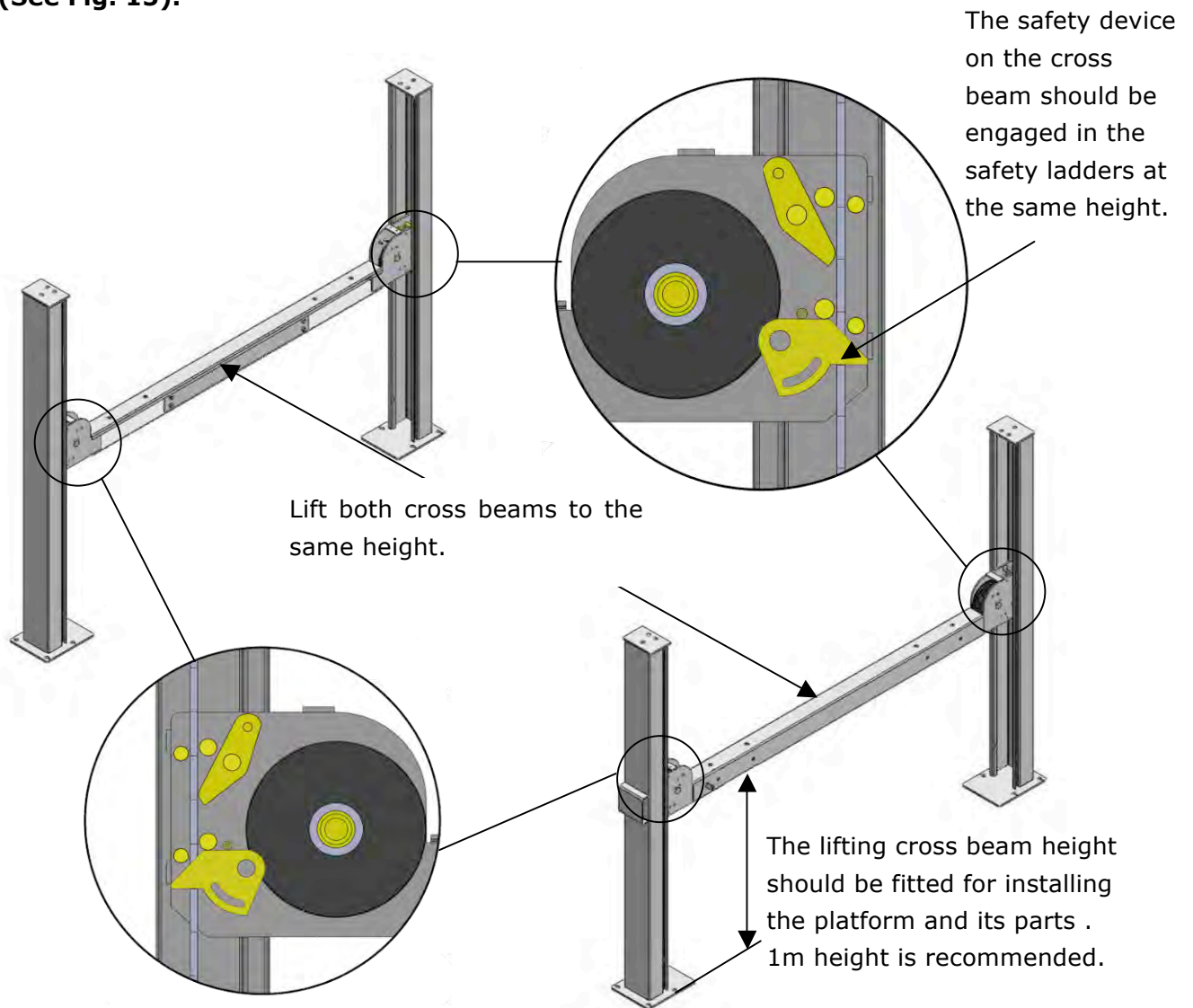
Fig.13

2. Install Safety Ladders (See Fig. 14)



Safety ladder pass through the hole of the top plate, then tighten the two nuts

E. Raise the cross beams at the same height and lock them on the safety ladders (See Fig. 15).



F. Install power side platform.

1. Raise the powerside platform above the cross beam by a forklift or crane. Then move the cross beam outwards until the pulleys of both platforms can be rested into the cross beams' slots (see **Fig.16**). Tighten the Powerside Platform to the Cross beams by using bolts.

Offset the cross beam lean outward when putting the powerside platform on the cross beams

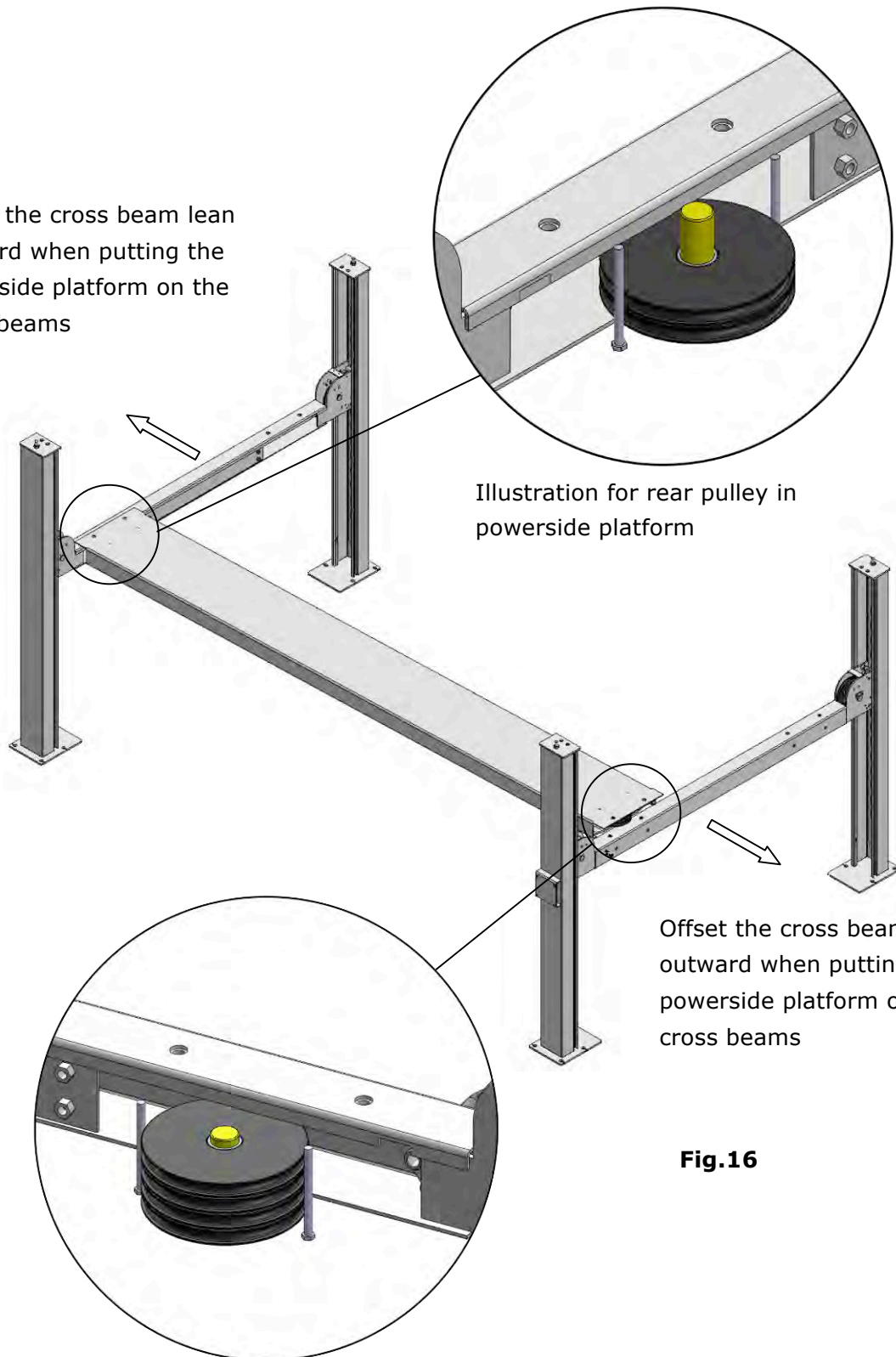


Illustration for rear pulley in powerside platform

Offset the cross beam lean outward when putting the powerside platform on the cross beams

Fig.16

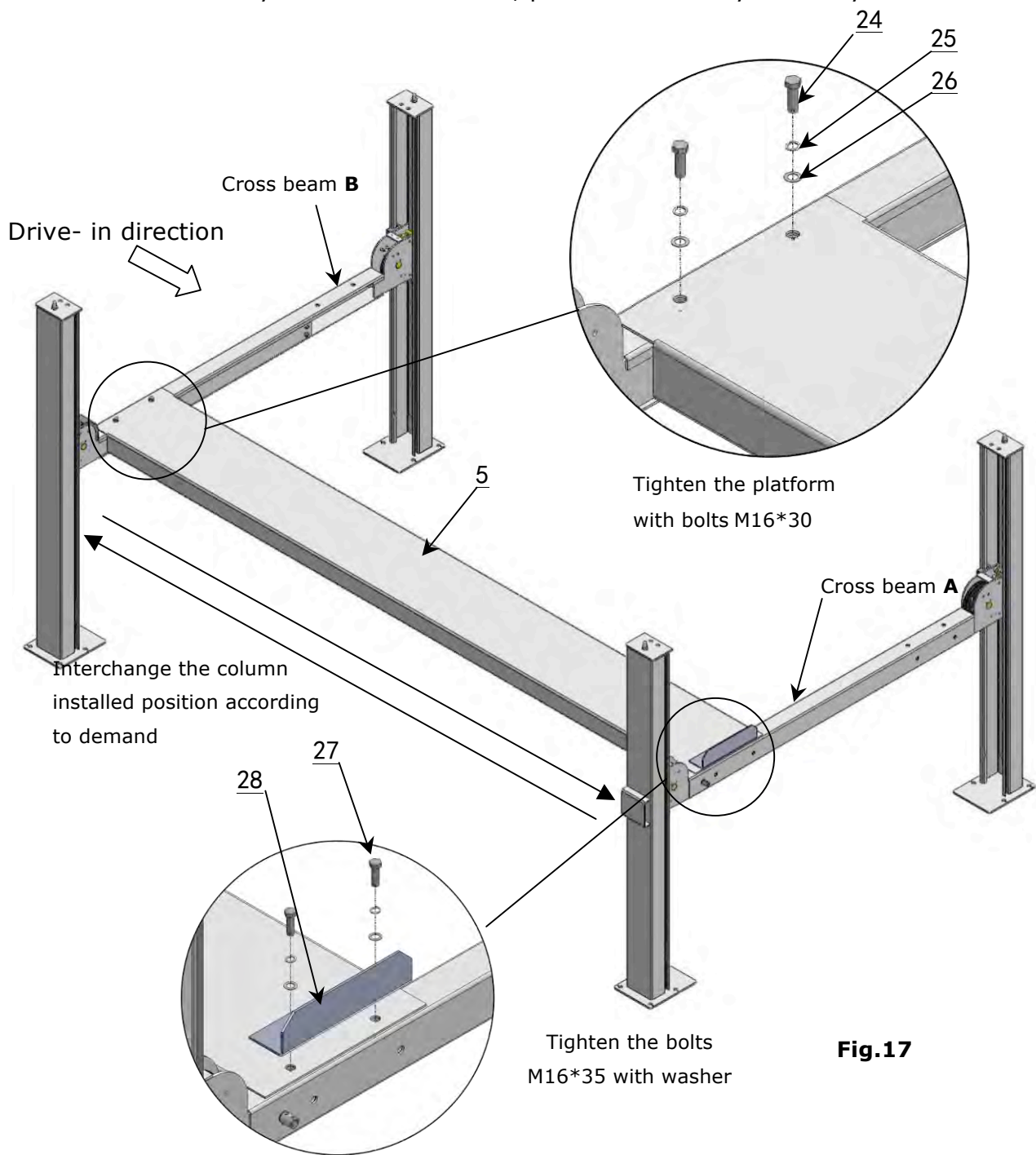
Illustration for front pulley in powerside platform

2. Install the tire stop plate and connecting bolts: Tighten the platform and the cross beam **B** with bolts. Tighten the tire stop plate , platform and cross beam **A** with bolt.

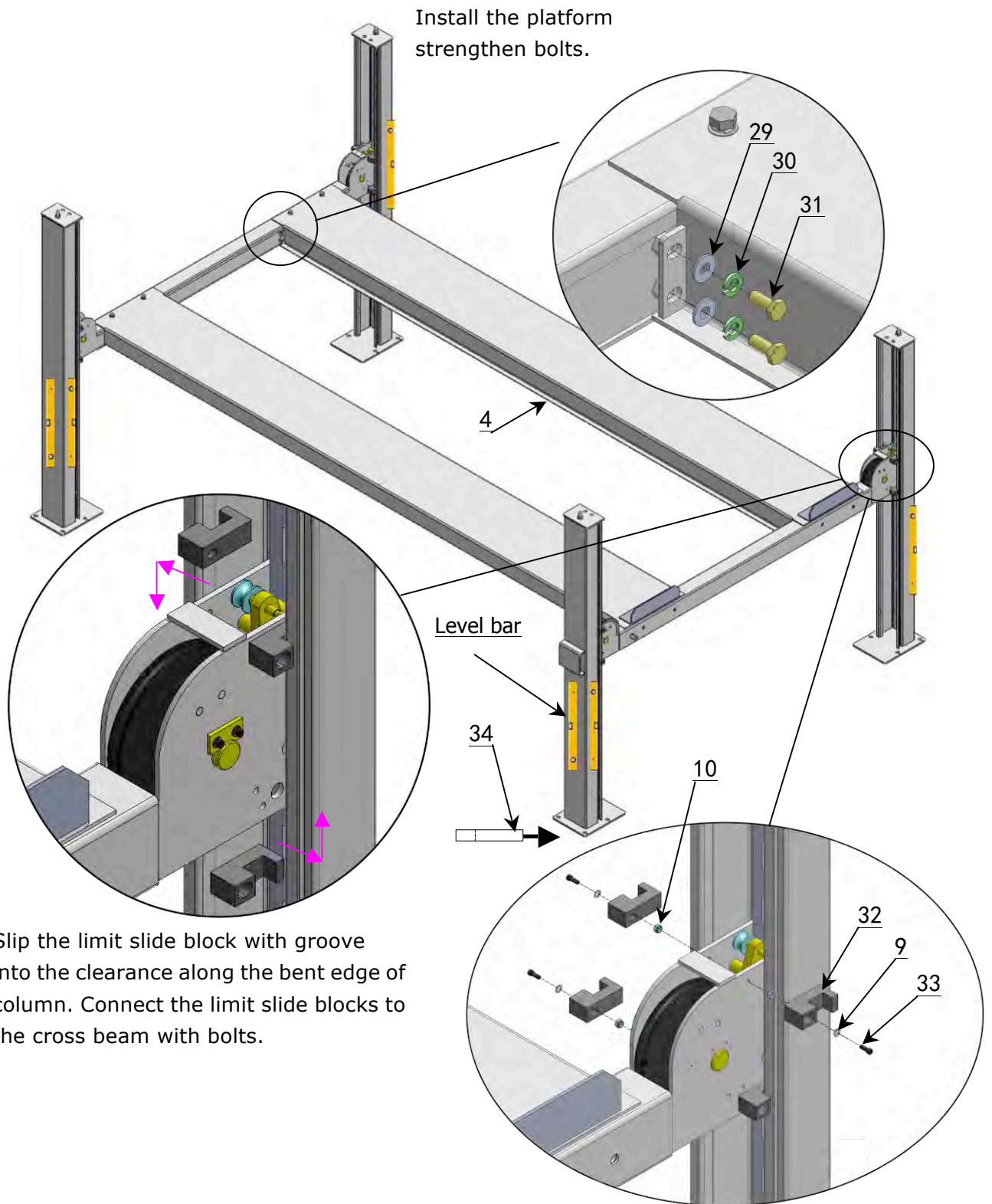
Note: Install the tire stop plate on the drive- in position . And the bolts for connecting with tire stop plate is longer, pay attention when choosing the bolts. **(See Fig.17)**

Instruction : 1) This lift is designed to be driven in at any position according to the space. Below is the instruction for the drive -in position on cross beam B. If it is chosen to be driven in from cross beam A, install the tire stop plate to the other side only.

2) Powerside column can be installed at any position accordingly. But the power unit must always be installed adjacent to the safety lock release handle. Pay attention to direction when installed the safety lock release handle, power unit and hydraulic system.



G. Install the offside platform and limit slide block, and platform strengthen bolts. Check the verticality of columns with level bar and adjust with shims. (See Fig. 18)



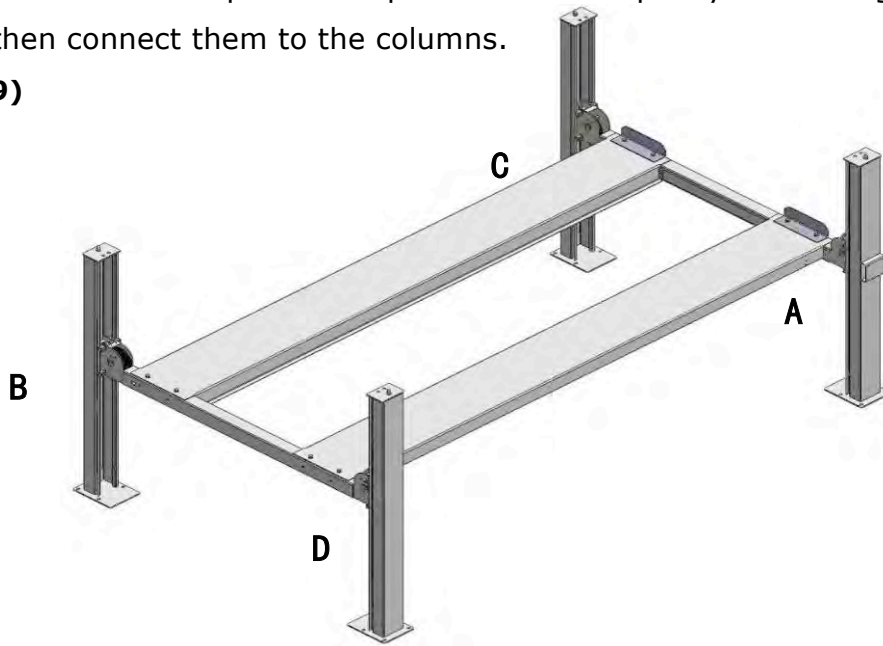
Note: DO NOT completely tighten the limit slide blocks. Loosen 1/4 lap after tightening.

Fig.18

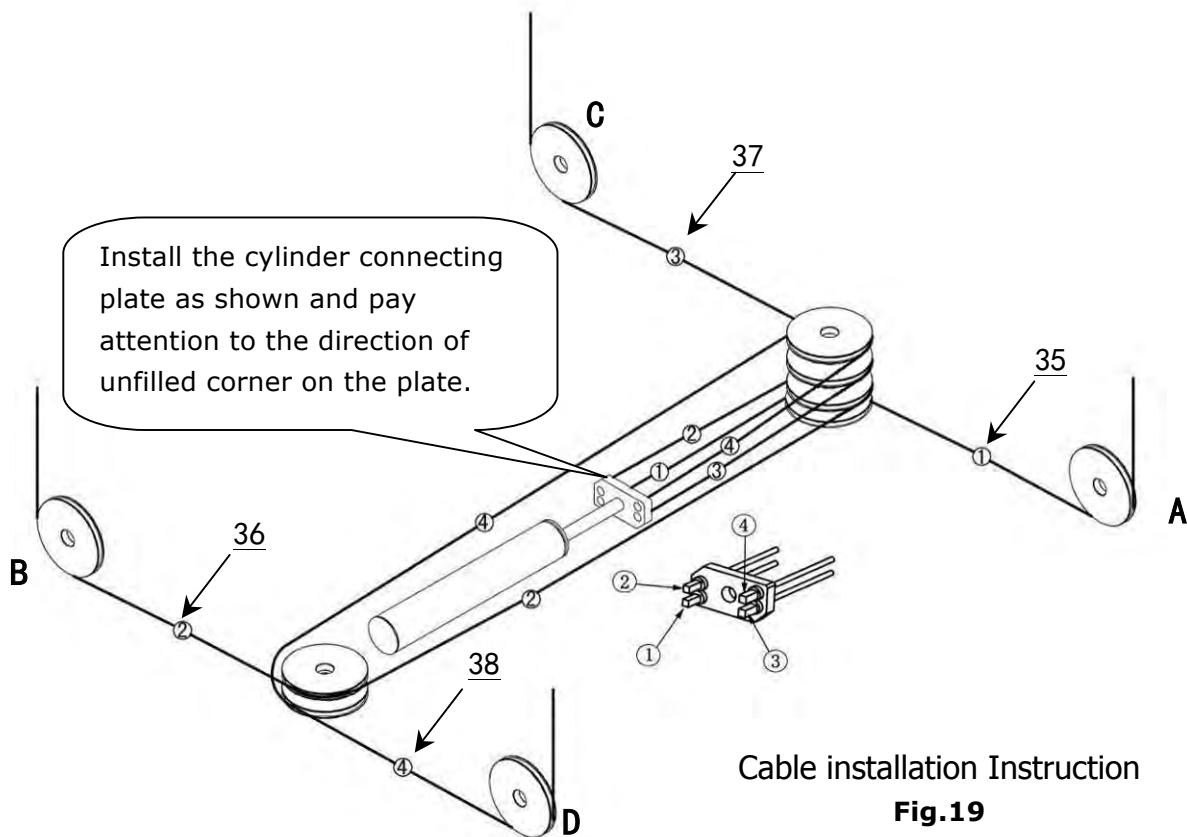
H. Illustration for cable installation

1. Route the cable from the powerside platform via the pulleys according to the number below and then connect them to the columns.

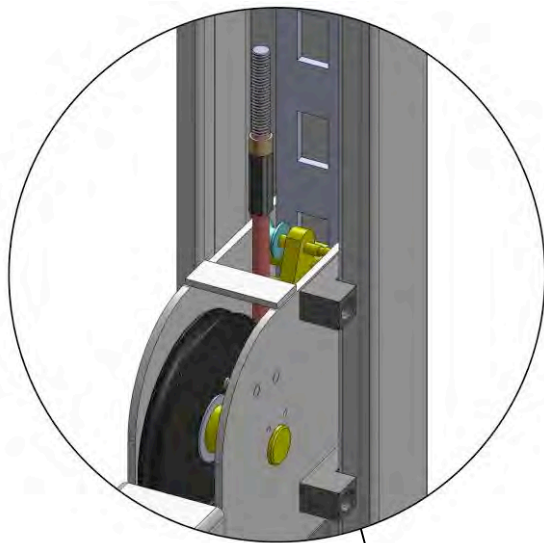
(See Fig. 19)



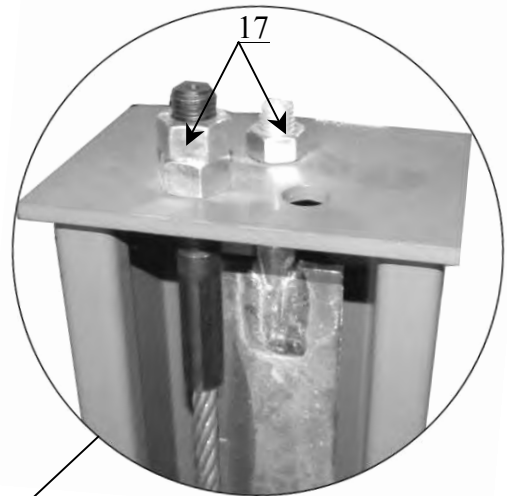
NO.	①	②	③	④
Cable				
Length (inc. connecting fitting)	2940mm (115 7/8")	8535mm (336")	4350mm (171 1/4")	7120mm (280")



2. The cable goes through the cross beam to column top plates and tightened with cable nuts
(See Fig. 20)



Cable goes through the cross beam pulley and tension pulley



Cable goes through top plate and tightened with cable nuts.

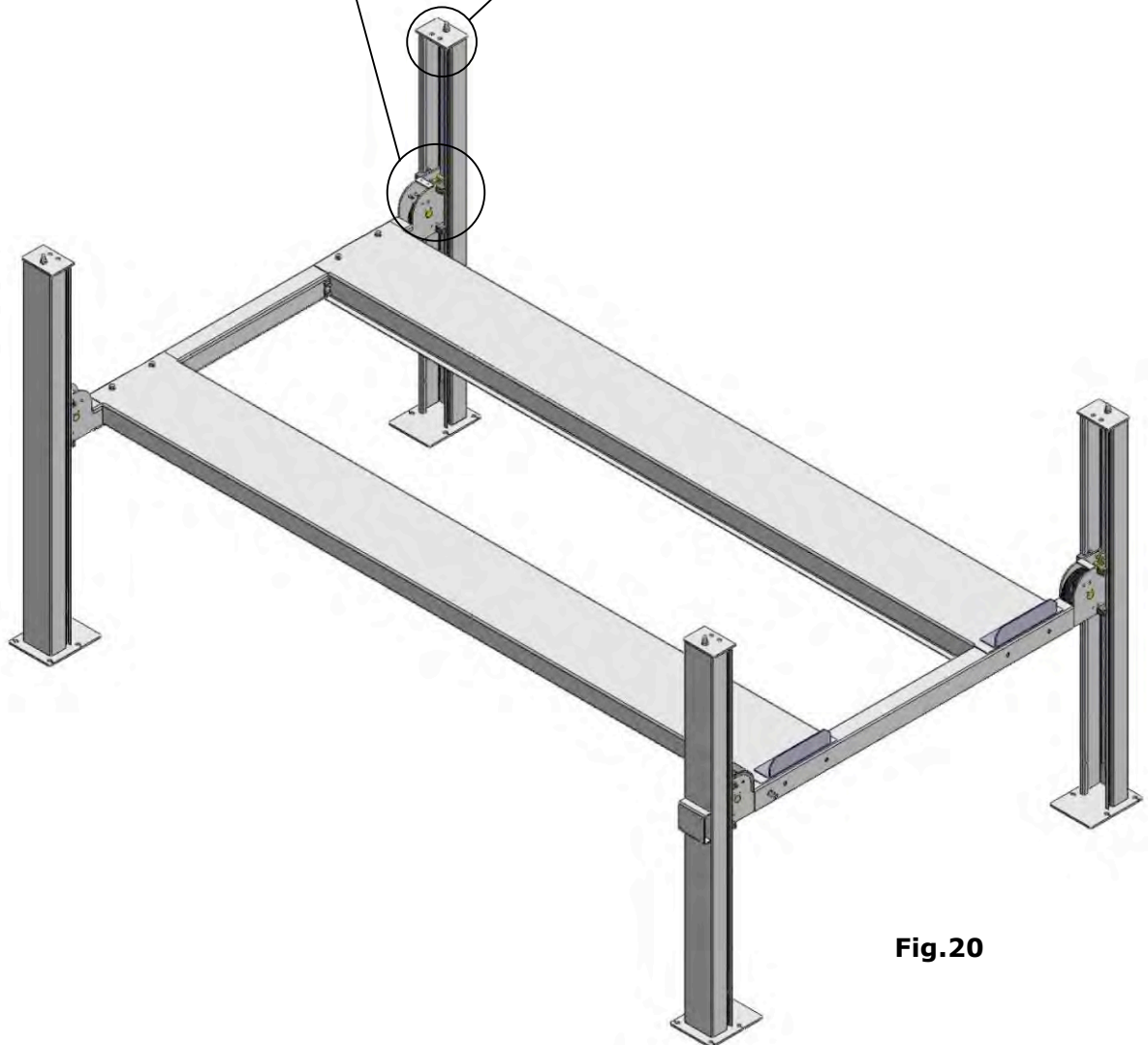


Fig.20

3. Illustration for cables under platform . (See Fig. 21)

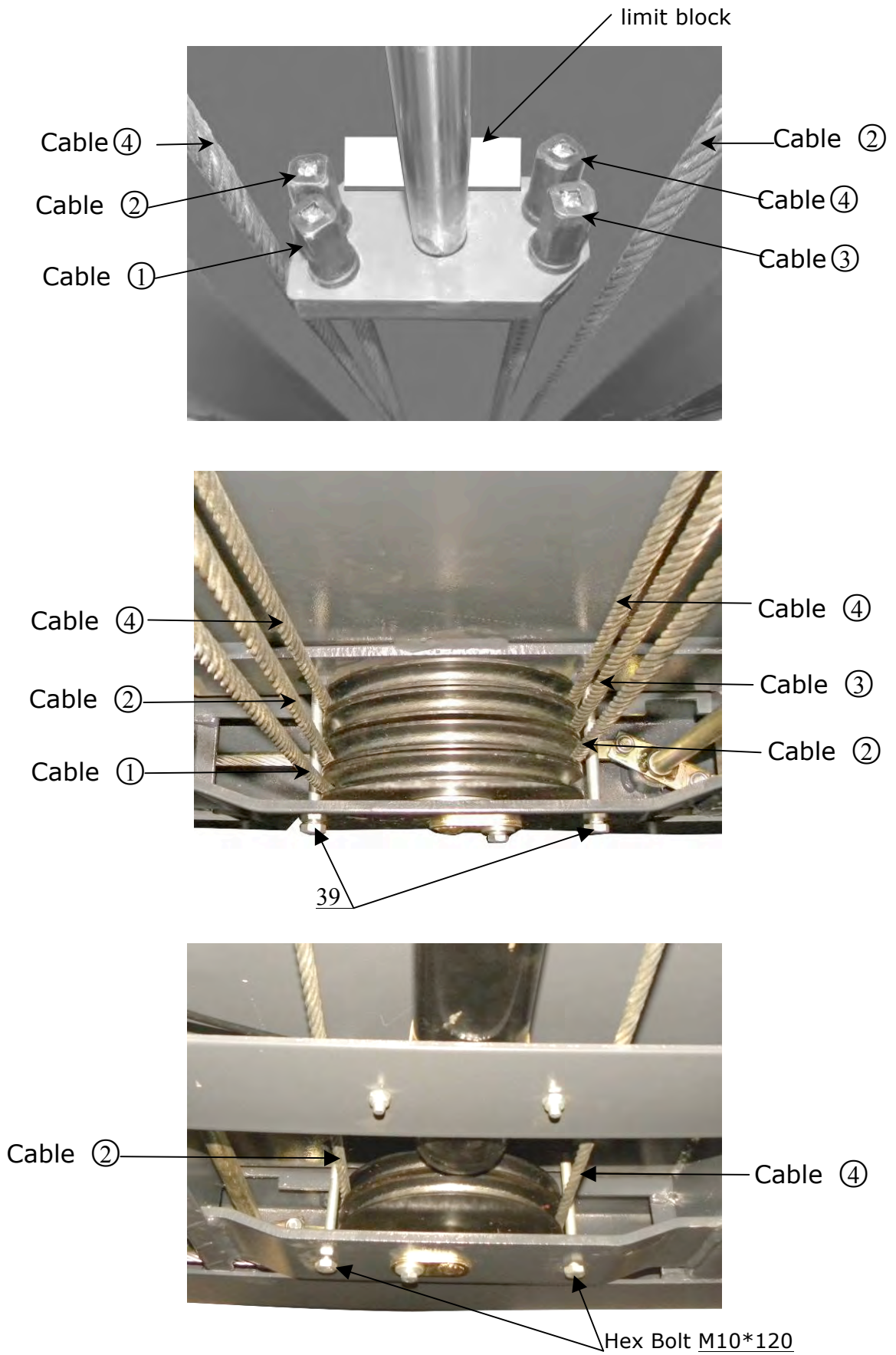


Fig.21

I. Install release handle assy. (See Fig. 22)

Noted: Power unit must be installed near the safety release handle.

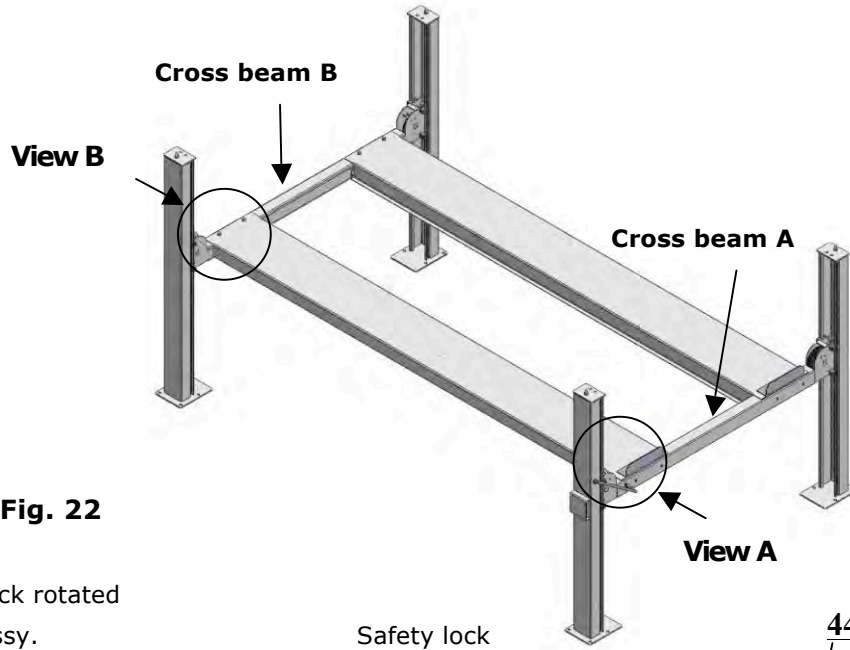
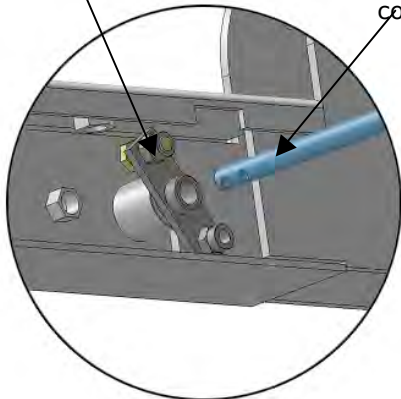


Fig. 22

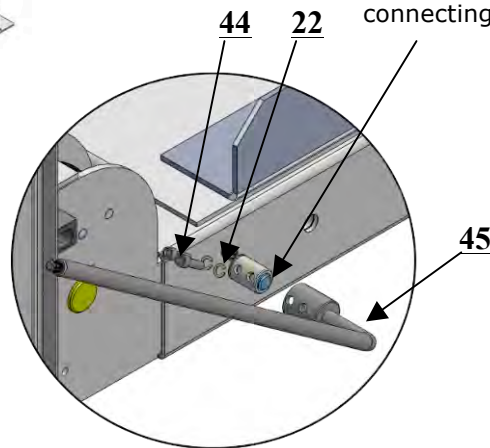
Safety lock rotated device assy.

Safety lock connecting bar

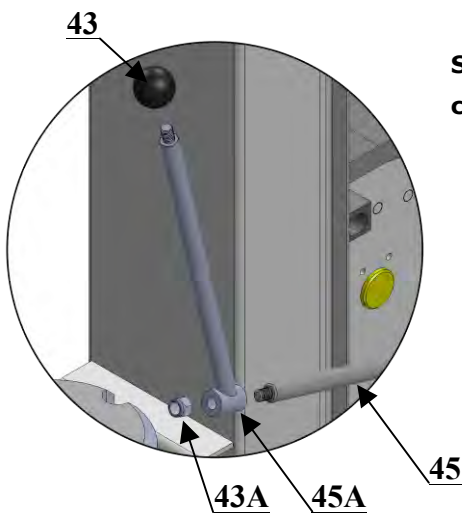


Pass through the connecting bar from the safety lock rotated device

Safety lock connecting assy.

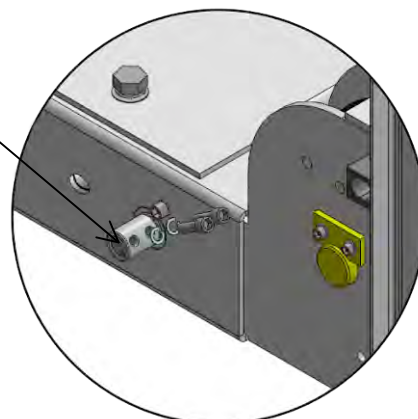


According to the above diagram, fix lock release handle and the safety lock connecting assy. with M8*35 bolts and washers on cross beam **A**.



Install extend lock release handle and plastic ball

Safety lock connecting assy.



View B

According to the above diagram, fix safety lock connecting bar and safety lock connecting assy. by M8*35 bolts and washers on cross beam **B**.

J. Install power unit and connecting tube (See Fig. 23).

Noted: Power unit must be installed near the safety release handle.

1. Install Power unit on the cross beam A

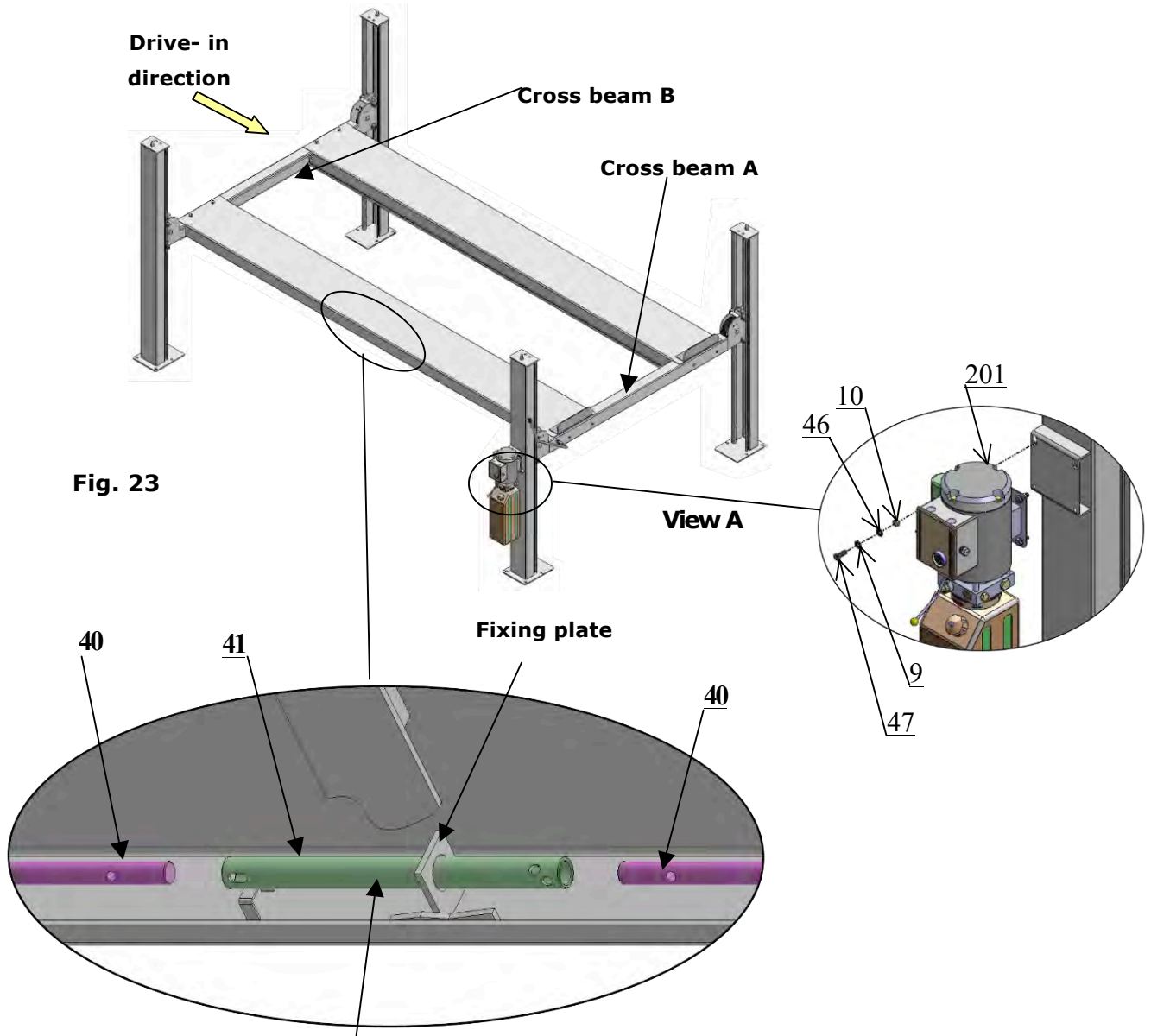
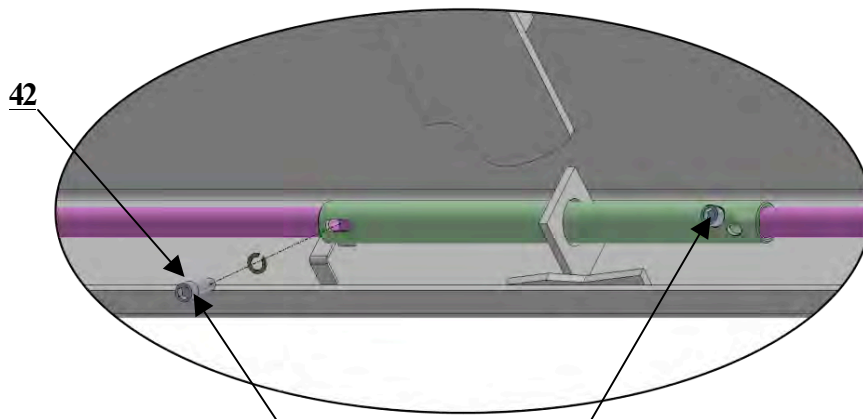


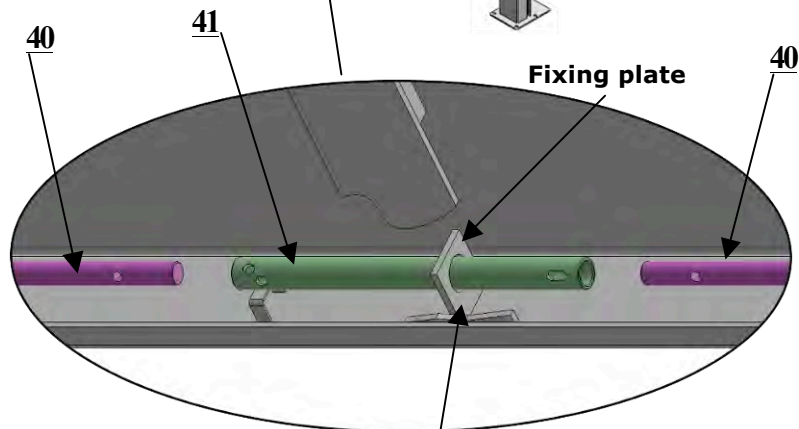
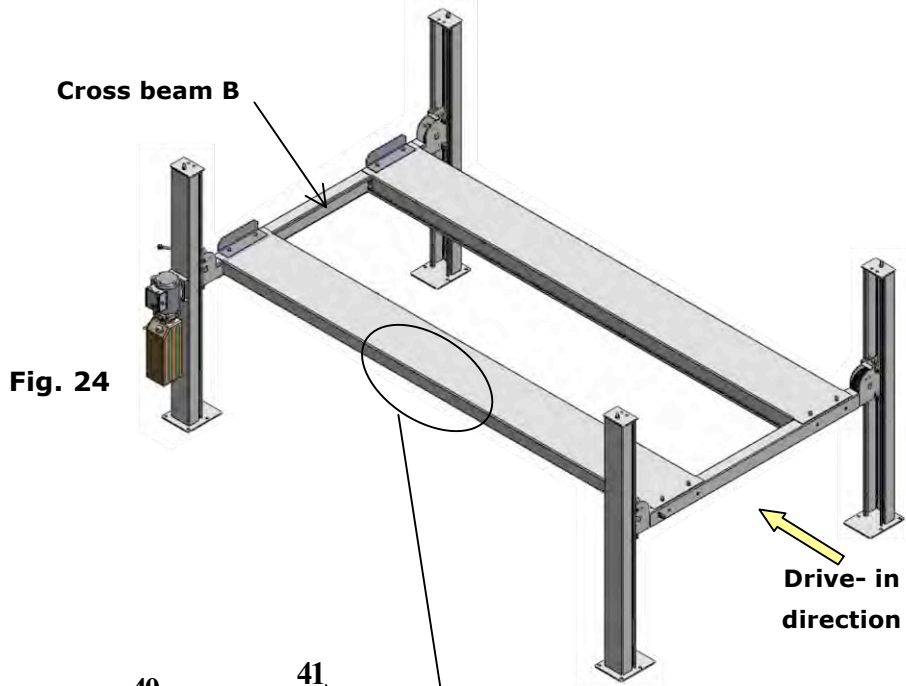
Fig. 23

Connecting tube pass through the fixing plate

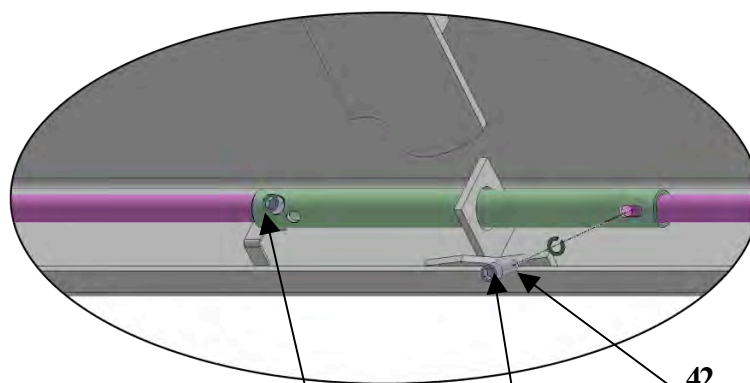


Fix the connecting tube and the connecting bar for safety device by M8*25 socket bolts

2. Install Power unit on the cross beam **B** (See Fig. 24).



Connecting tube pass through the fixing plate

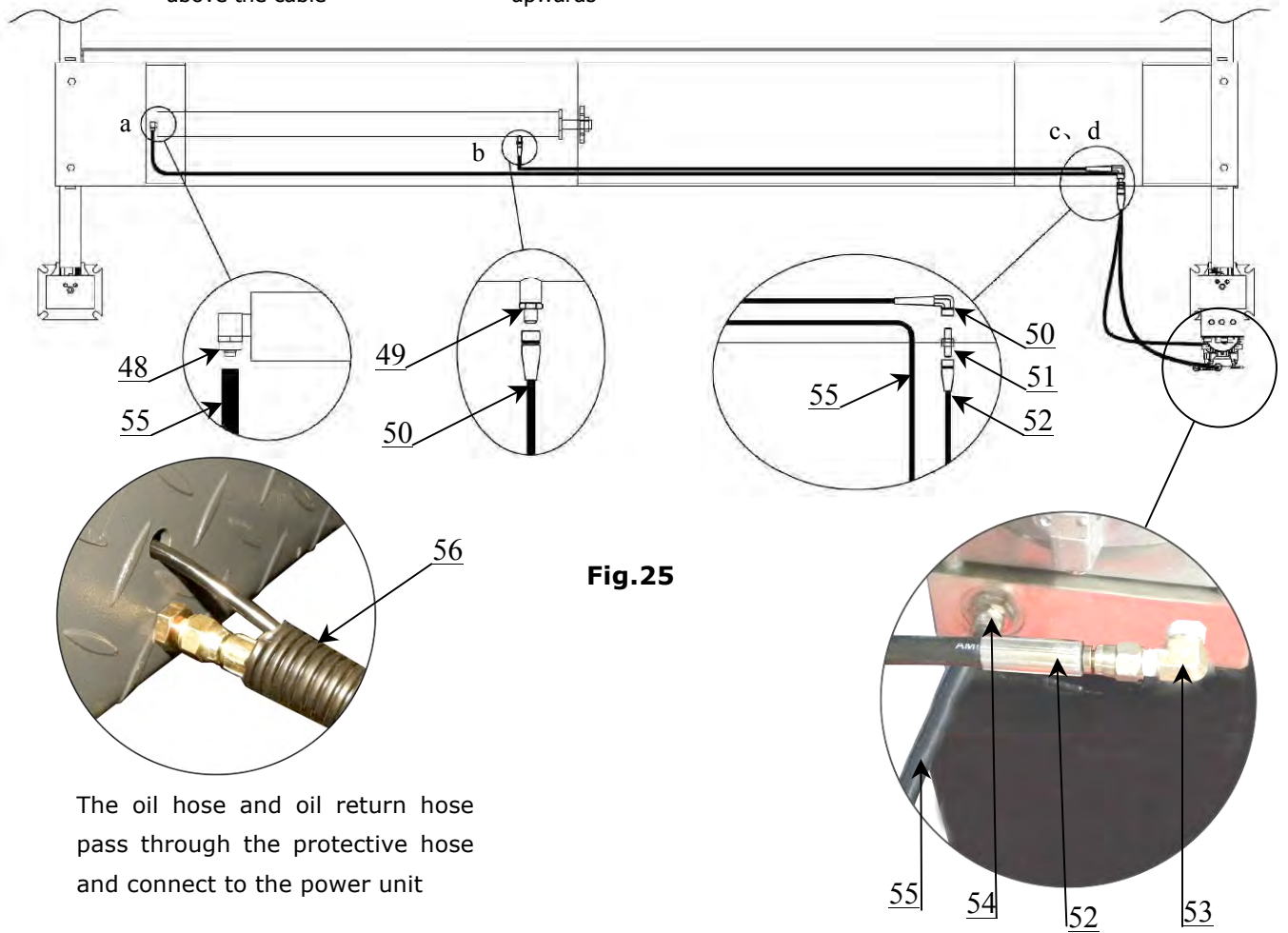
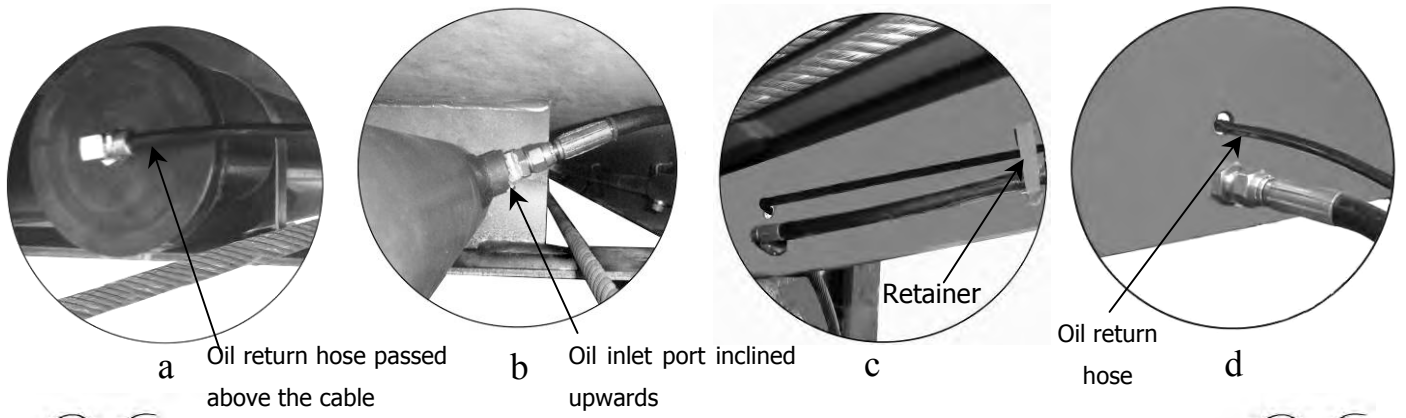


Fix the connecting tube and the connecting bar for safety device by M8*25 socket bolts

K. Install Hydraulic System

1. For power unit attached to the powerside column for cross beam **A** (See Fig. 25)

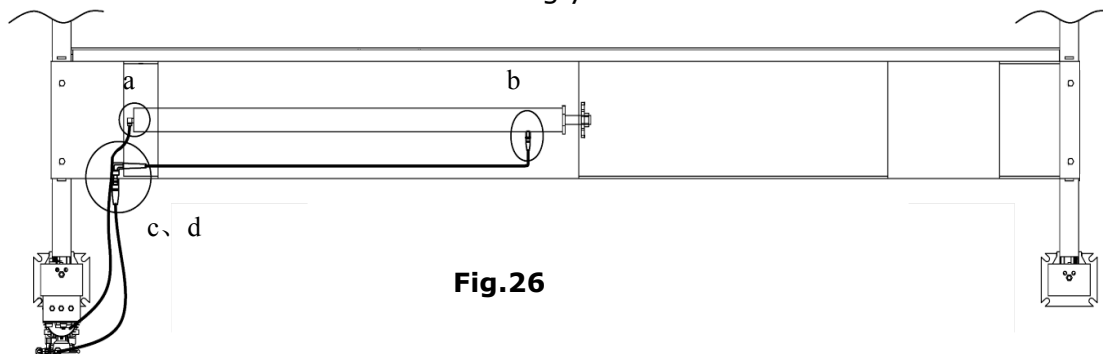
Note: Oil hoses connected to oil cylinder must be passed above the cable and oil inlet port should be inclined upwards to avoid the oil hose scratched by cable.



The oil hose and oil return hose pass through the protective hose and connect to the power unit

2. For power unit attached to the column for cross beam **B** (See Fig. 26).

Note: The oil return hose can be cut accordingly when installation.



L. Install the control box and limit switch(See. Fig.27)

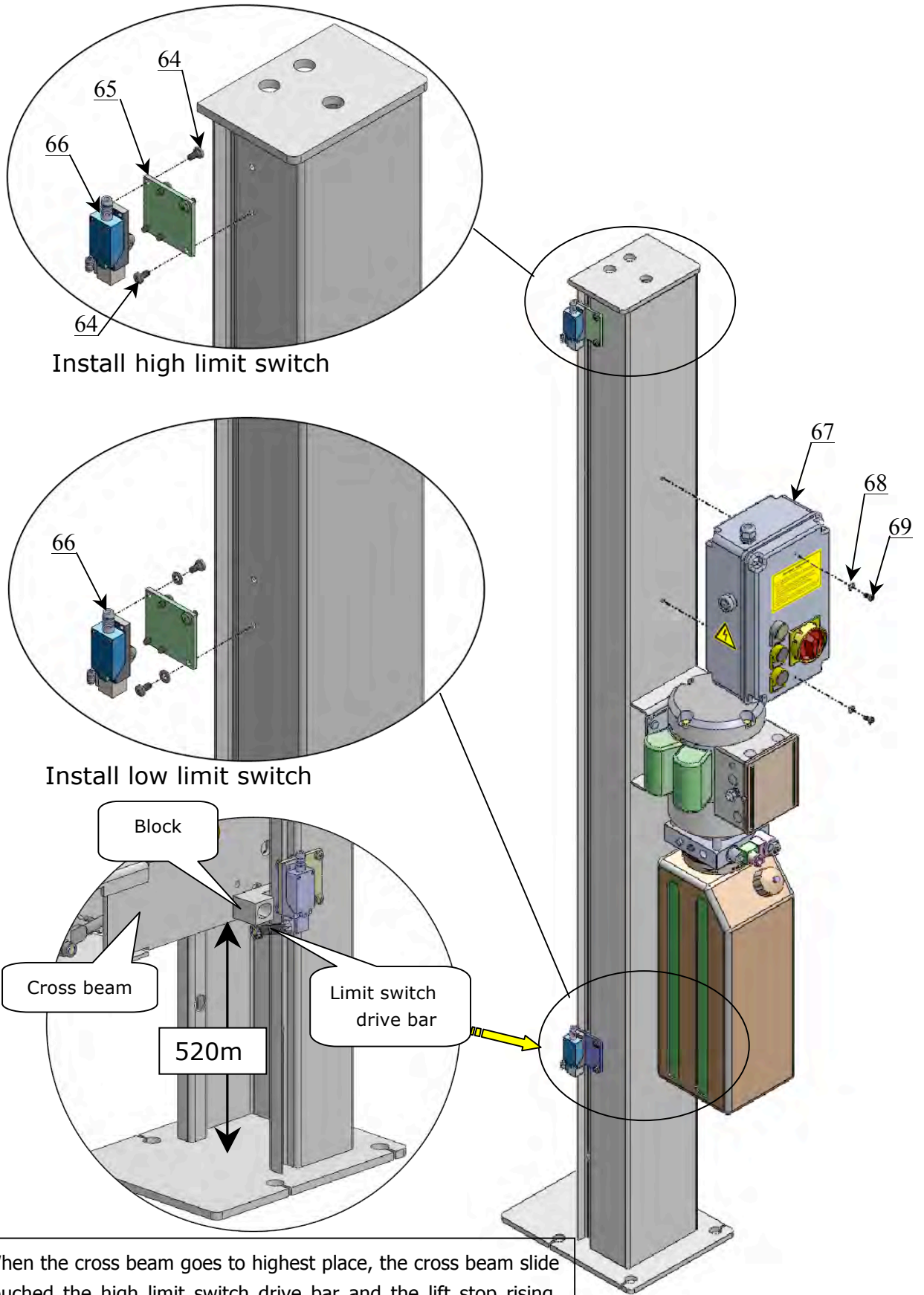
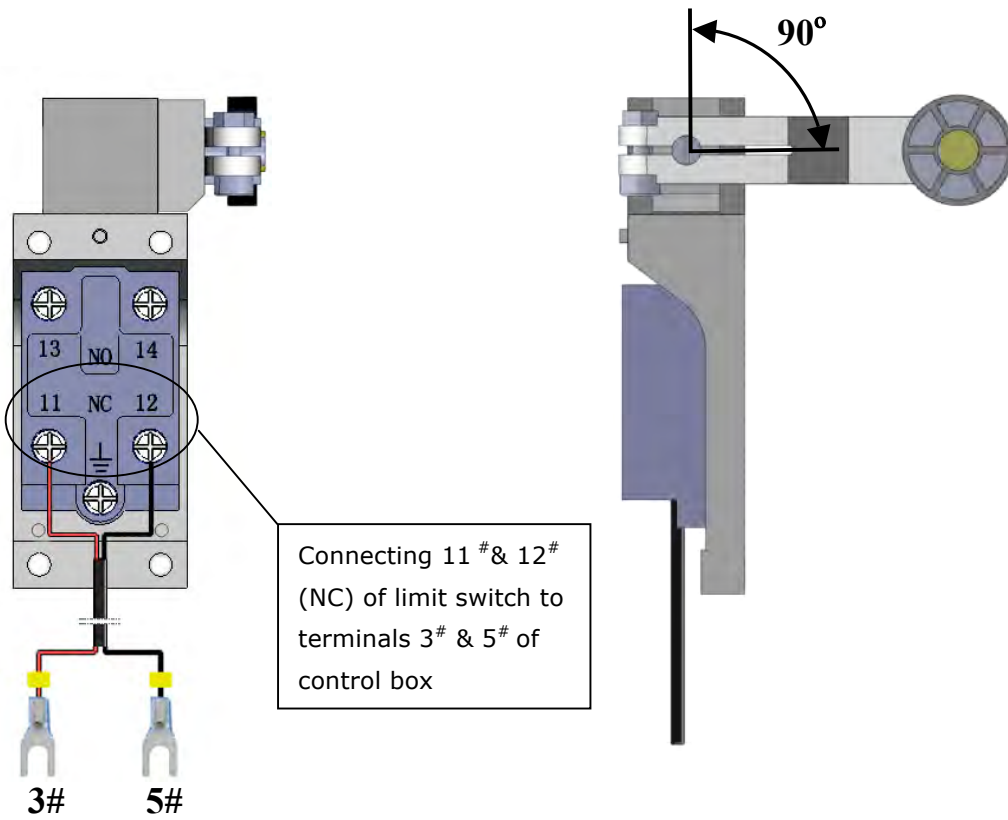


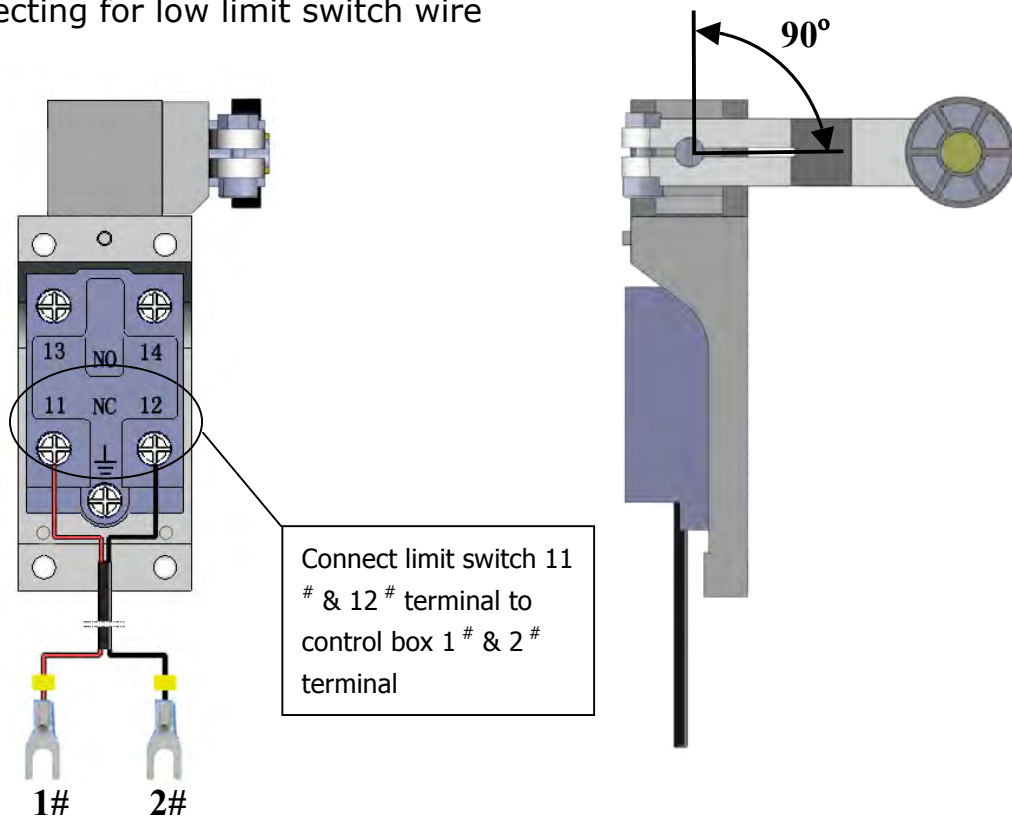
Fig.27

Note: When the cross beam goes to highest place, the cross beam slide block touched the high limit switch drive bar and the lift stop rising. When the cross beam lower to 520mm from ground, the cross beam slide block touched the low limit switch drive bar and the lift stop lowering.

1. Wire connecting for high limit switch



2. Wire connecting for low limit switch wire



M. Install electrical system

1. Connecting wire with control box. (See. Fig.28)

Note: 1) Specification of wire of limit switch and Air solenoid valve is 2×1^2 .

Specification of power source wire and motor wire : 4×2.5^2 .

2) Using white bobbin to wind around wire.

3) Fix the cable of limit switch on the column with retainer, tie the wire with protective hose by the cable ties.

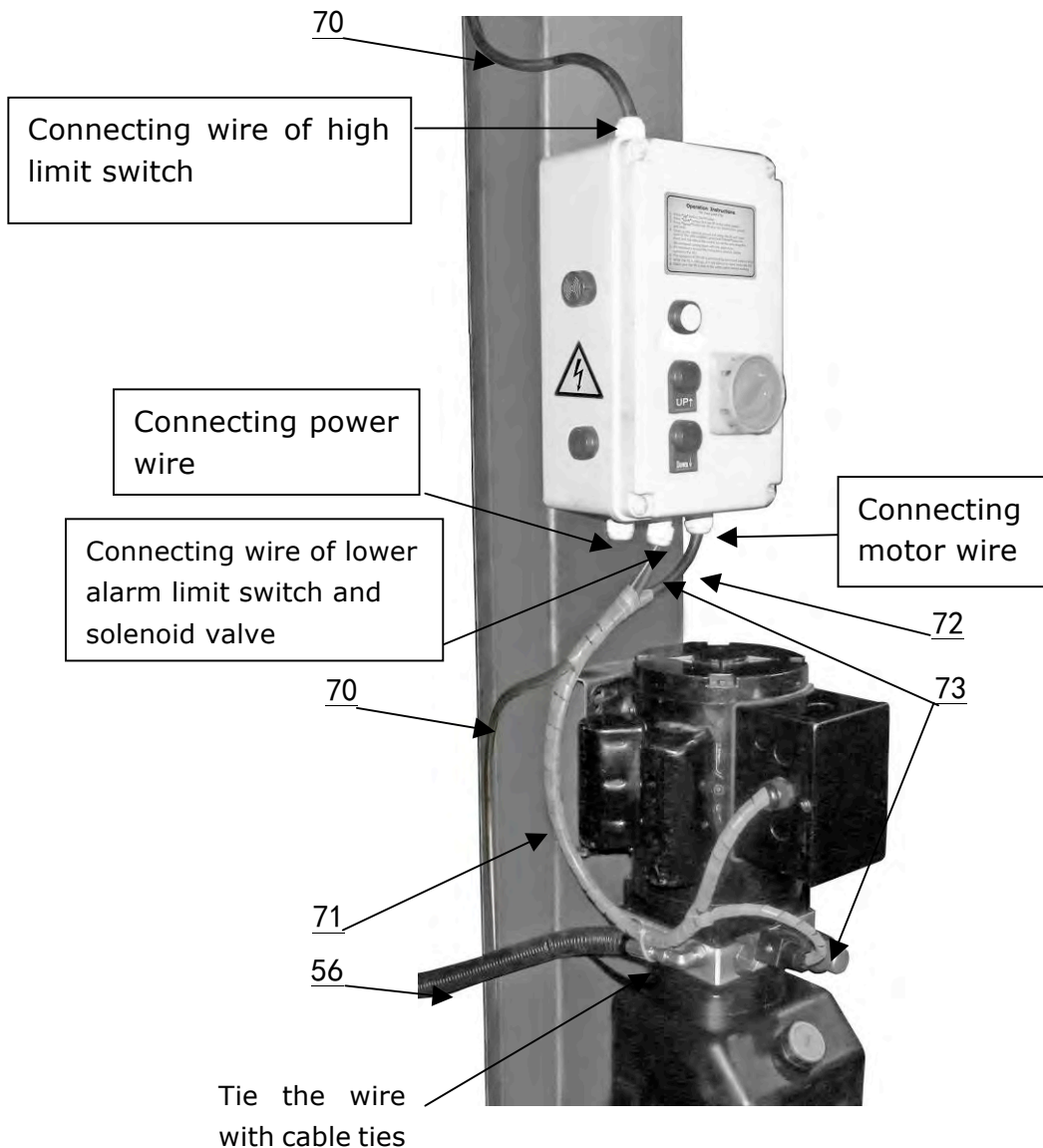


Fig.28

2. Adjusting the current rating of thermal relay in control box according to the different configurations of hydraulic power unit. In general, the electric current of thermal relay should equal or larger than that of motor. The following table shows rated current regulation of thermal relay in case of different hydraulic power unit.

Hydraulic power unit	1.5HP Single phase	2.0HP 3 phase
Rated current of thermal relay	18A	12A

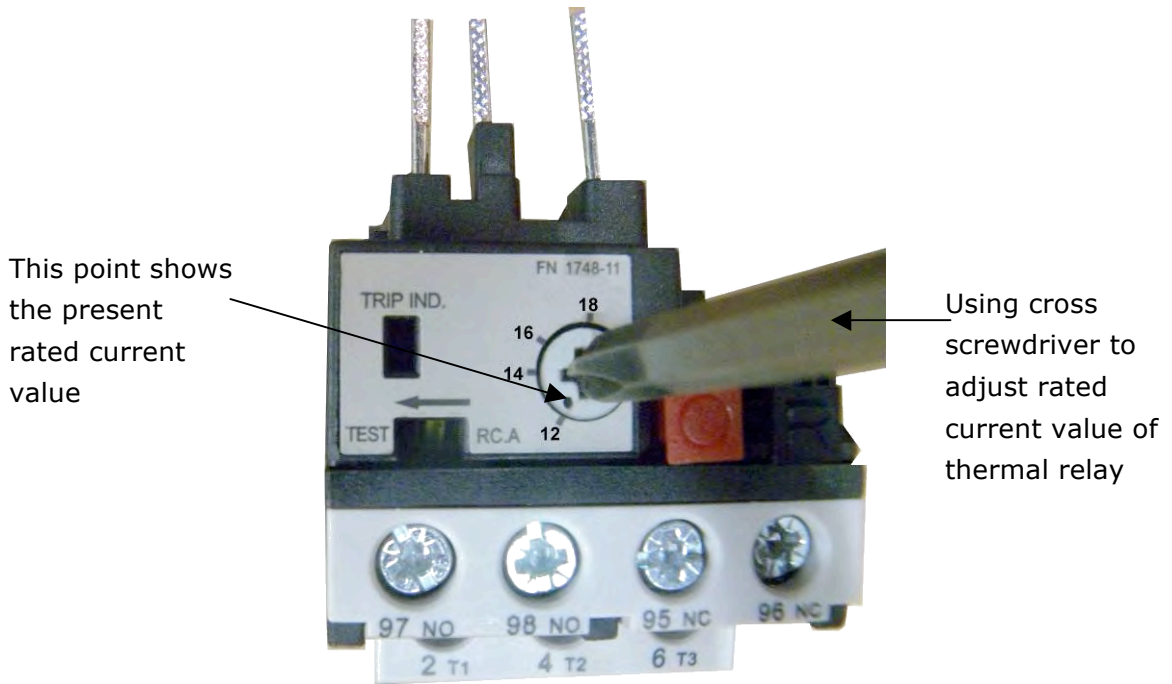


Fig.29

3. 380V Wire connection and circuit diagram

3.1 Wire connection diagram in the control box (See Fig. 30)

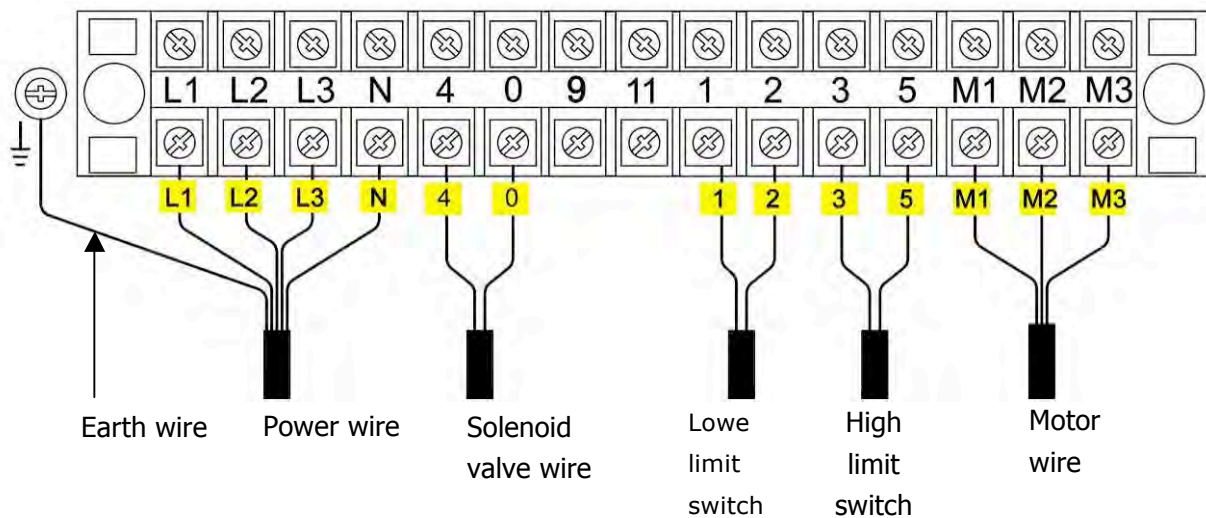


Fig.30

3.2 Wire connection diagram of Three phase hydraulic motor (See Fig. 31).

Motor wire (M1、 M2、 M3) are connected to the three wires in the motor.

Turn on the power, push button "UP", if motor run but lift do not work, pls. change the wire M1 and M2 connection.

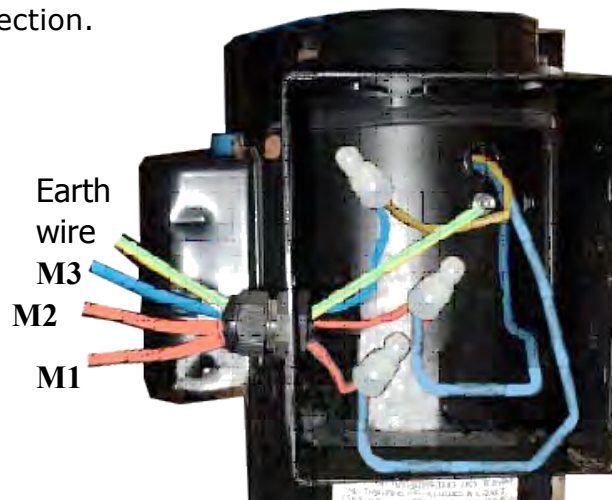


Fig.31

3.3、 380V Circuit diagram (See Fig. 32)

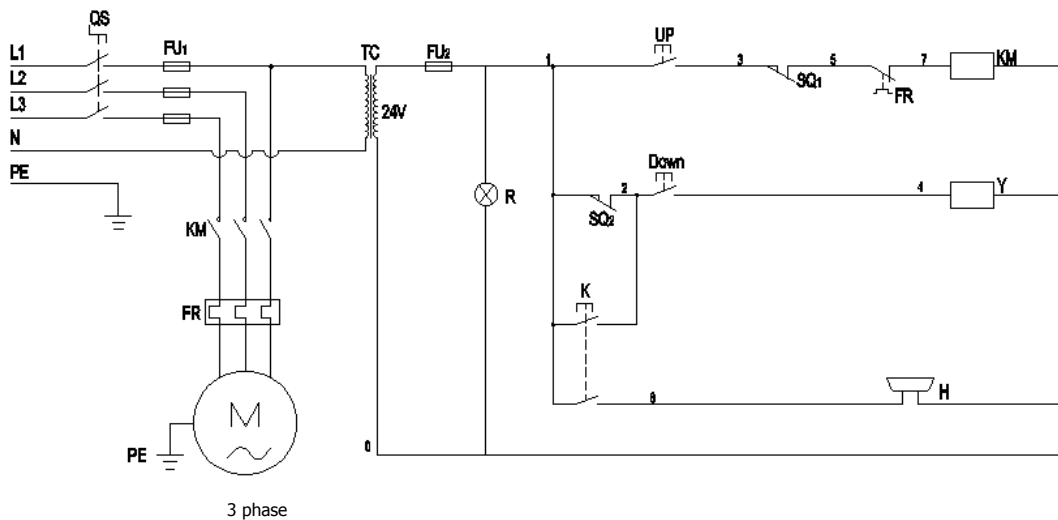


Fig.32

380V Circuit component

Item	Name	Code	Specification	Item	Name	Code	Specification
1	Power switch	QS	380V AC	8	Lowering alarm button	K	duplex
2	Fuse	FU ₁	25A	9	Motor	M	3 phase
3	Fuse	FU ₂	3A	10	Transformer	TC	24V AC
4	AC contactor	KM	24V AC	11	Limit switch	SQ _(1~2)	10A
5	Solenoid valve	Y	24V AC	12	Thermal relay	FR	12A~18A
6	Push button	UP	Single	13	Buzzer	H	24V AC
7	Push button	Down	Single	14	Power indicator	R	24V

4. 220V Wire connection and circuit diagram

4.1 Wire connection diagram in the control box (See Fig. 33)

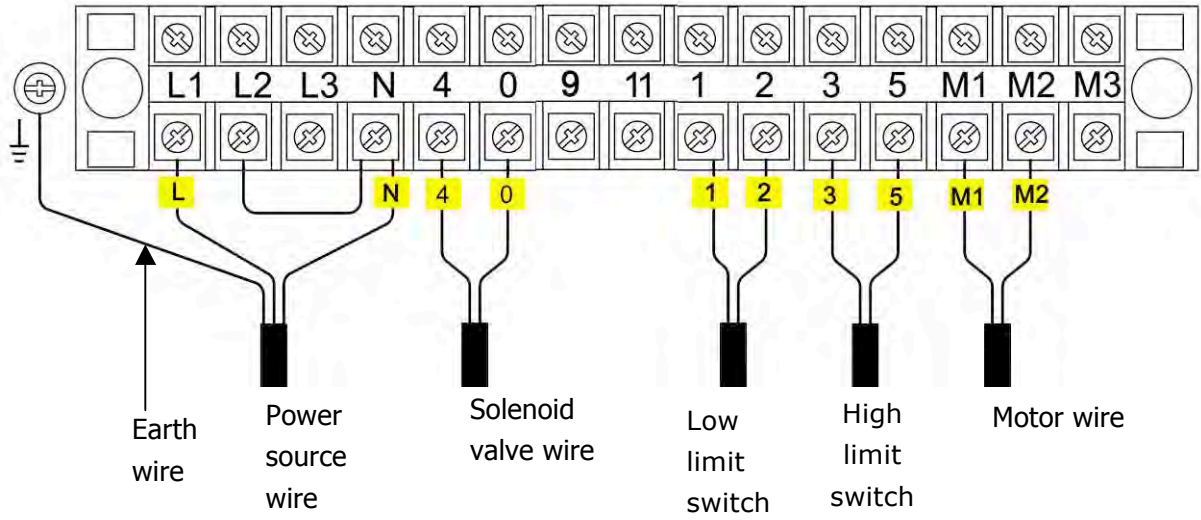


Fig.33

4.2 Wire connection of single phase hydraulic power unit(See fig.34)

Motor wire (M1、 M2) separately connected to two terminals in the control box。

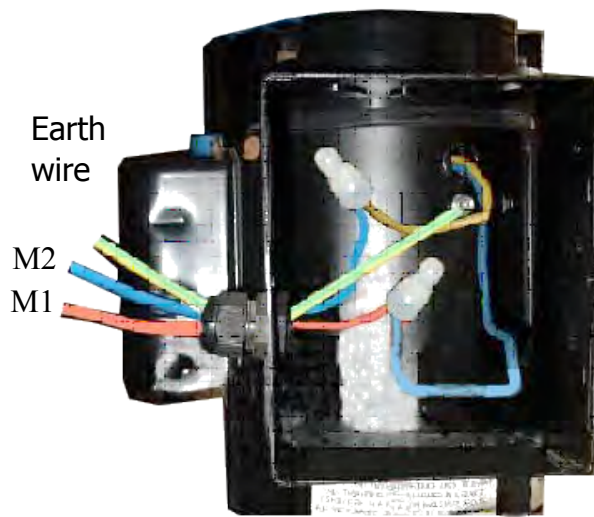


Fig.34

4.3 220V Circuit diagram (See Fig. 35)

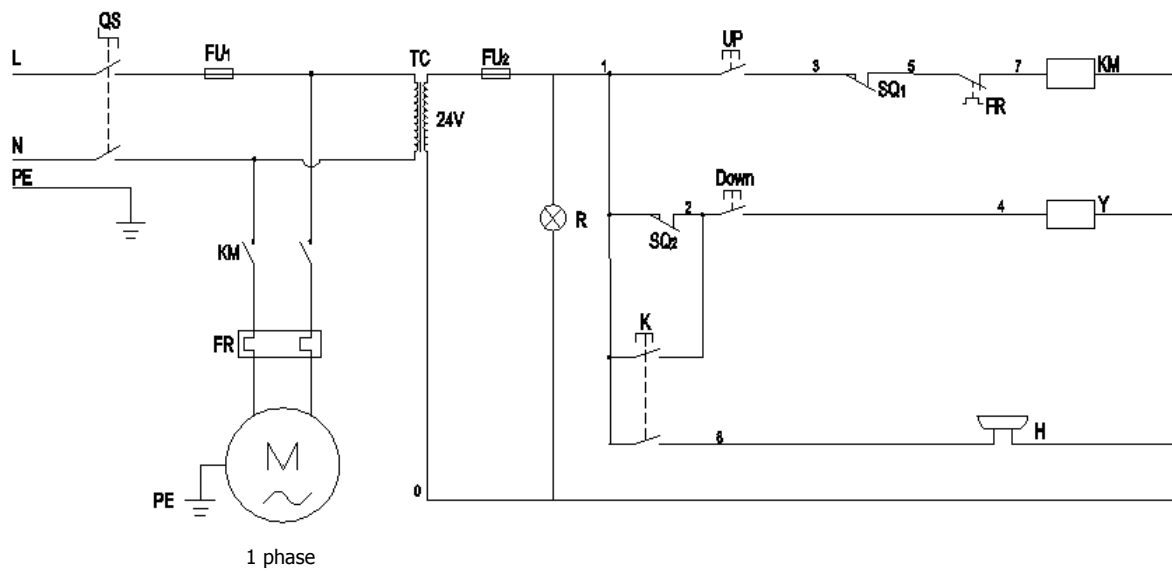


Fig.35

220V Circuit component

Item	Name	Code	Specification	Item	Name	Code	Specification
1	Power switch	QS	380V AC	8	Lowering alarm button	K	duplex
2	Fuse	FU ₁	25A	9	Motor	M	Single phase
3	Fuse	FU ₂	3A	10	Transformer	TC	24V AC
4	AC contactor	KM	24V AC	11	Limit switch	SQ ₁ , SQ ₂	10A
5	Solenoid valve	Y	24V AC	12	Thermal relay	FR	12A~18A
6	Push button	UP	Single	13	Alarm	H	24V AC
7	Push button	Down	Single	14	Power indicator	R	24V

N. Install spring and safety cover of cross beam (See Fig. 36).

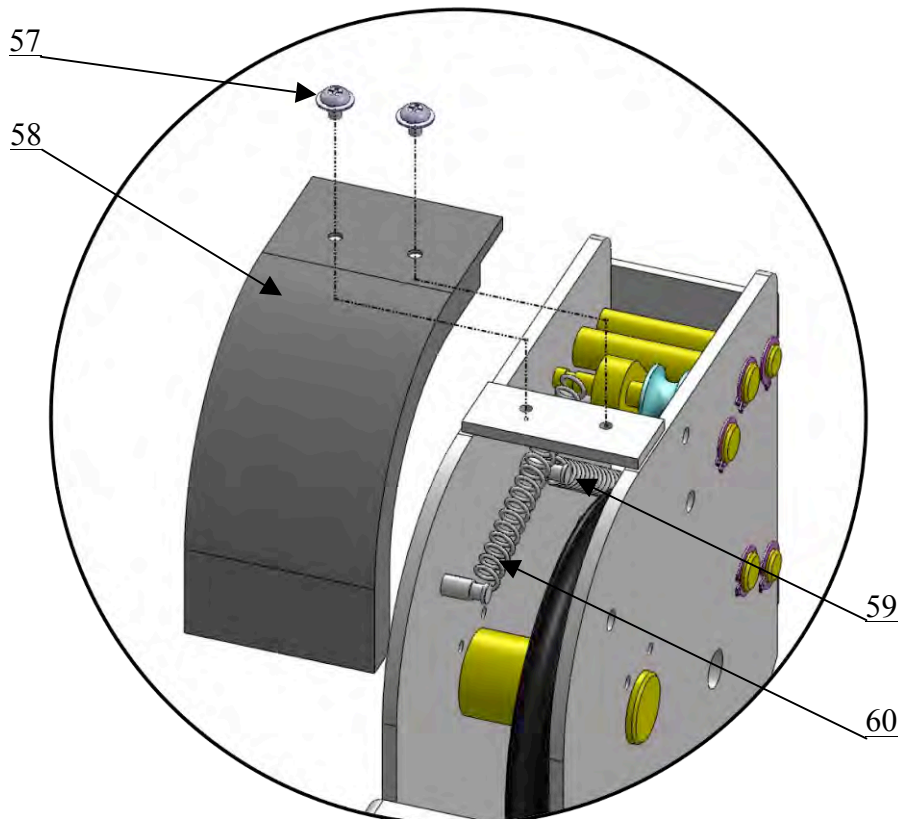


Fig.36

O. Install drive-in ramp, optional jack tray and optional plastic oil pans (See Fig. 37). According to the below diagram screw the M16*30 bolts, then attach the drive-in ramp.

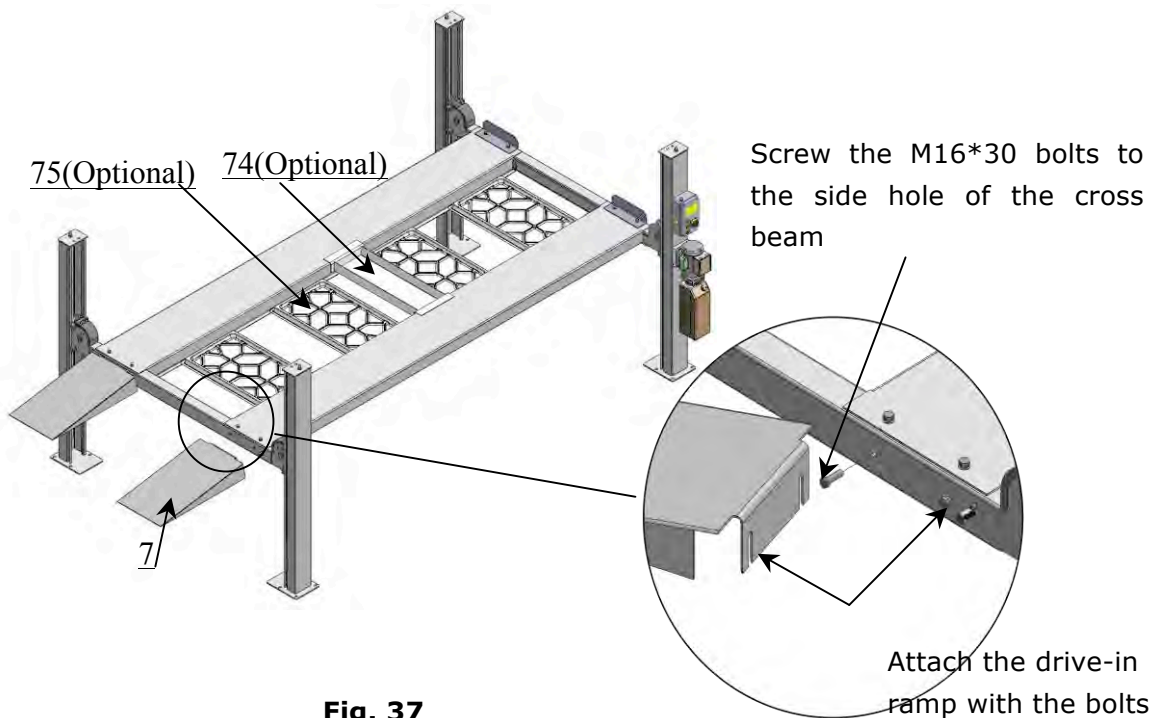


Fig. 37

P. Install Rear wheel stop plates (See Fig. 38)

After driving the vehicle on the lift, take off the drive-in ramp, install rear wheel stop plates to the drive-in ramp position.

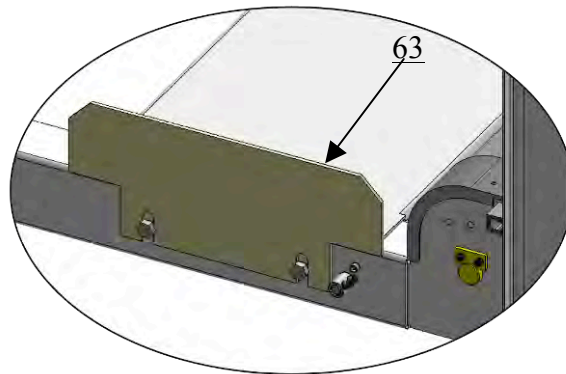


Fig.38

Q. For optional kits installation.

1. Install optional caster kits or jack (See Fig. 39)

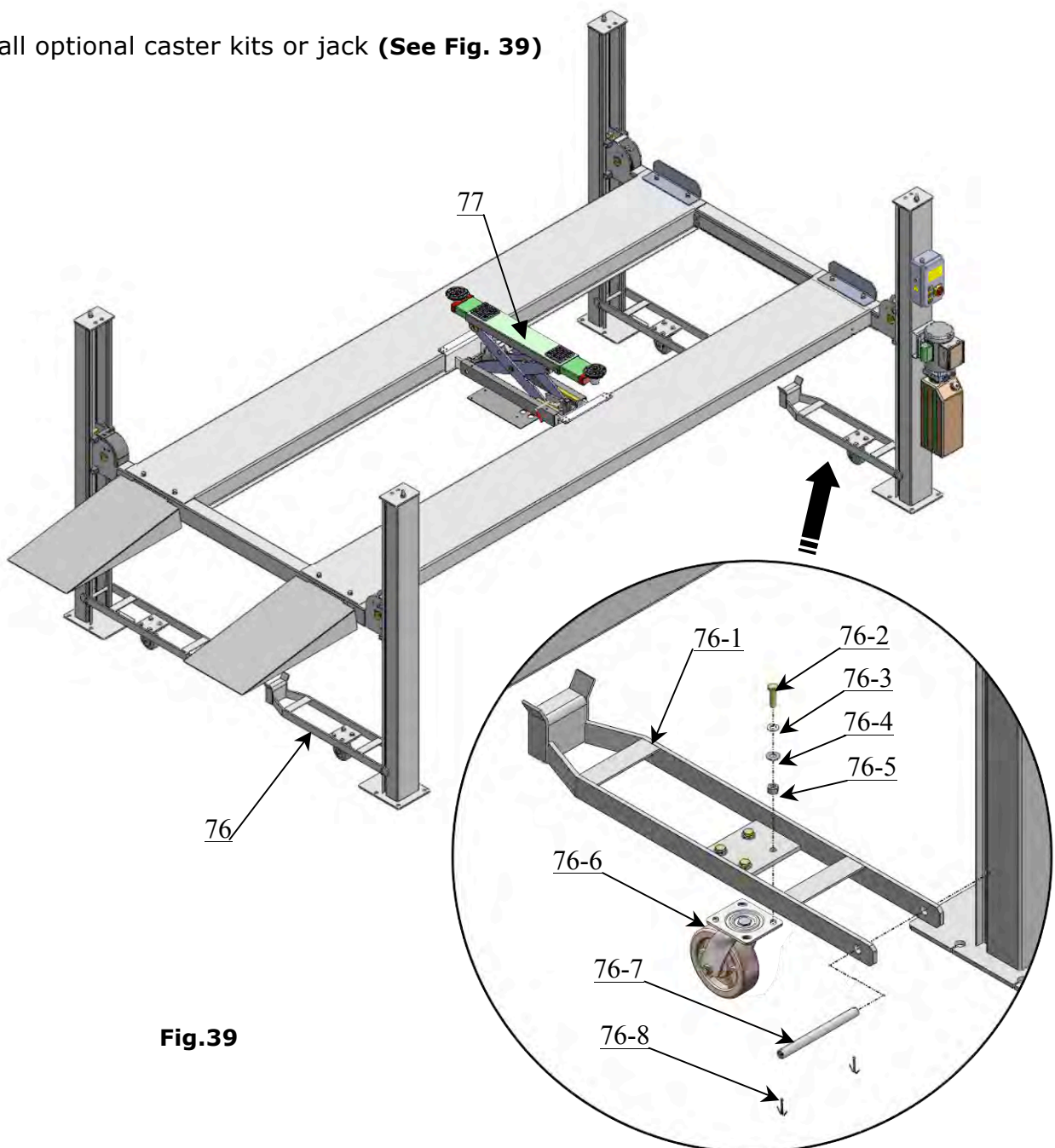
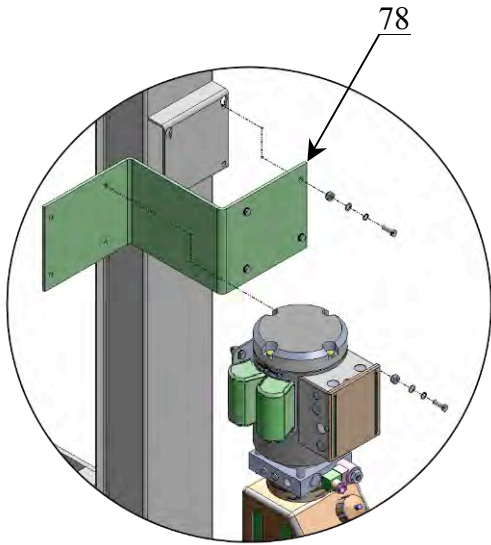


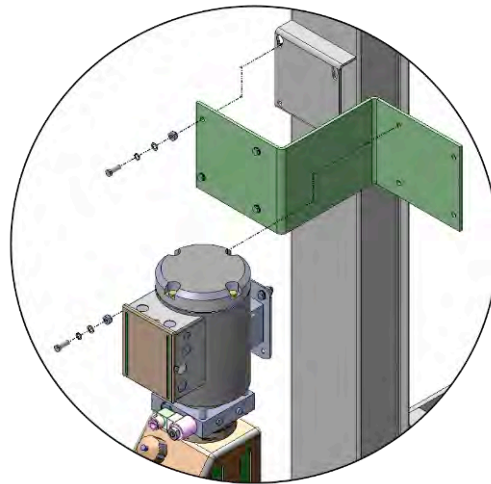
Fig.39

2. Install optional motor fixing bracket (See Fig. 40, Fig 41)



Motor fixing bracket on the side of cross beam **A**

Fig.40



Motor fixing bracket on the side of cross beam **B**

Fig.41

R. Fix the anchor bolts

1. 1. Prepare the anchor bolts (See Fig. 42)

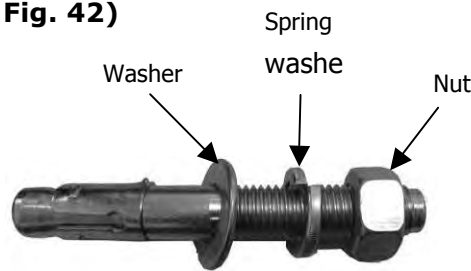
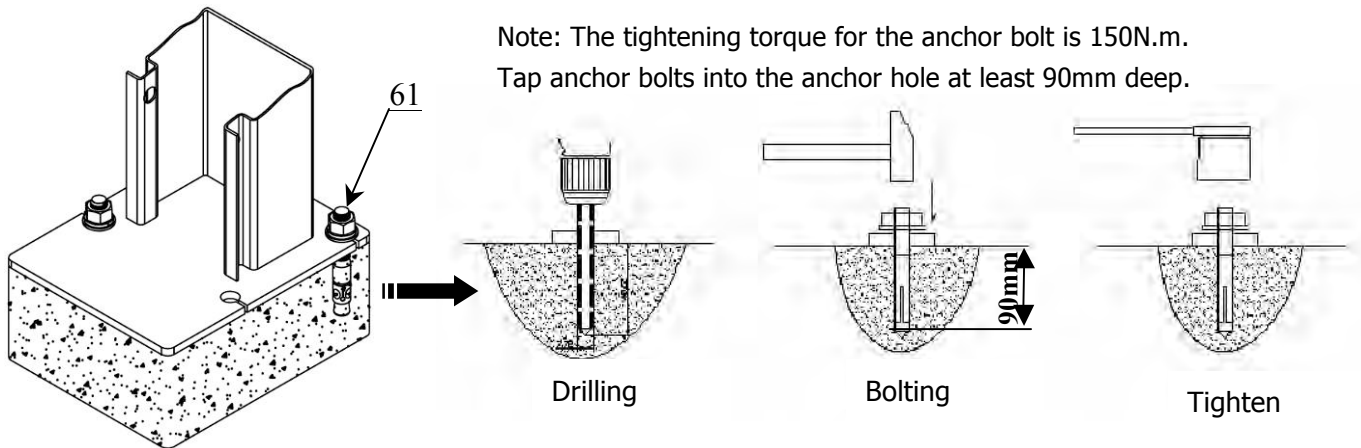


Fig.42

1.2 Adjust the column with the leveling bar and leveling pad , drill the anchor hole and install the anchor bolts. Tap the anchor bolts into the anchor hole with a hammer and tighten the bolts.(See Fig.43)



Note: The tightening torque for the anchor bolt is 150N.m.
Tap anchor bolts into the anchor hole at least 90mm deep.

Fig.43

IV. EXPLODED VIEW

Model: A435-P

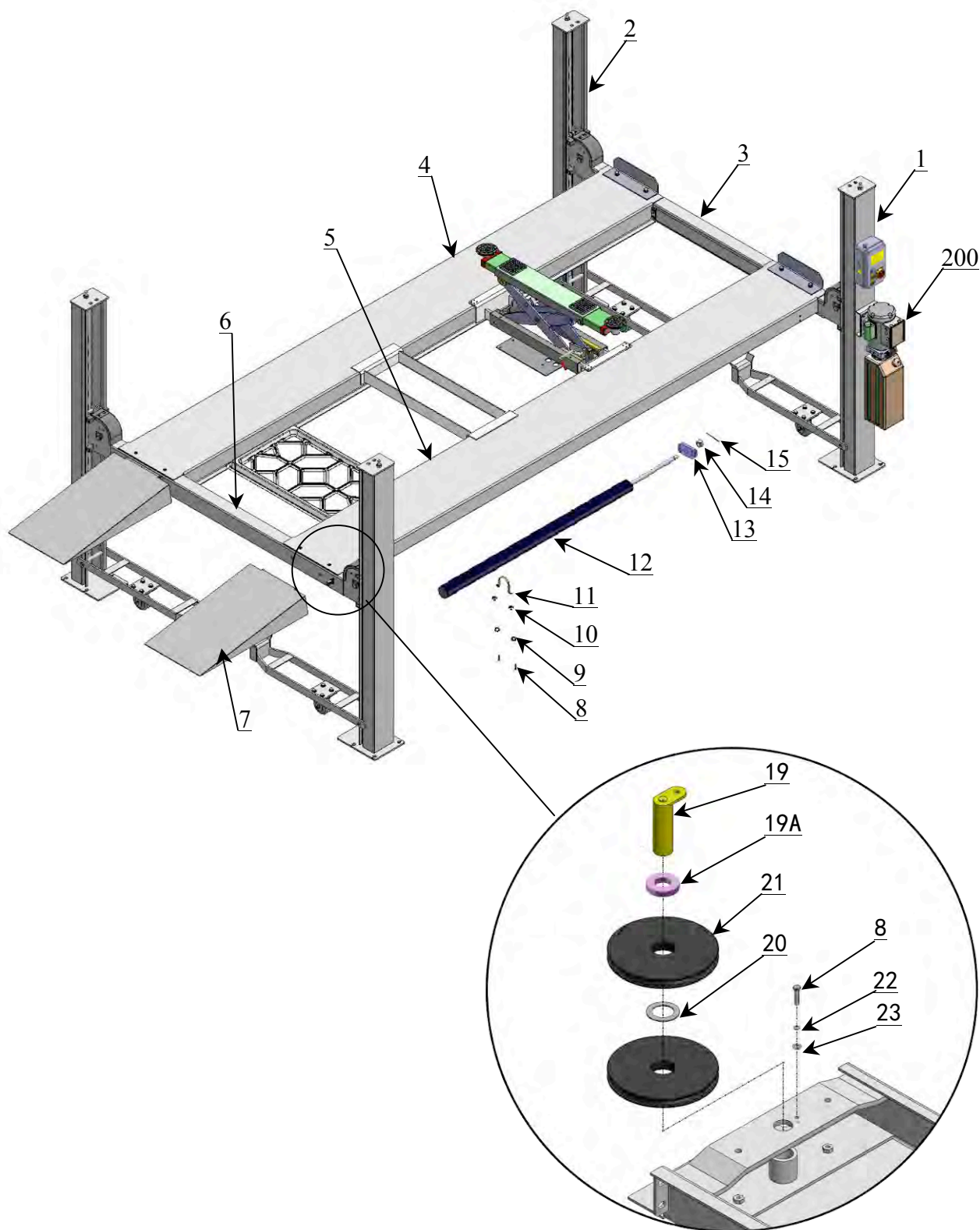


Fig.44

CROSS BEAM

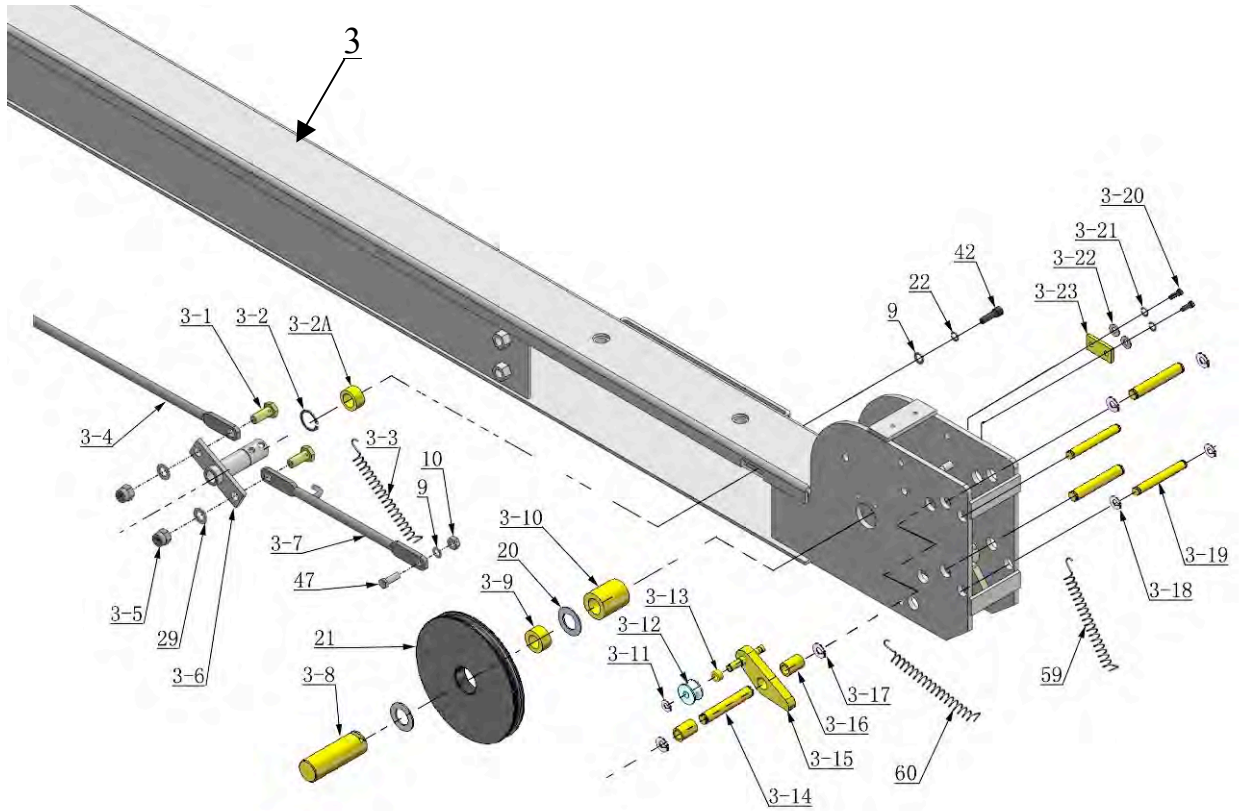


Fig.45

Control box

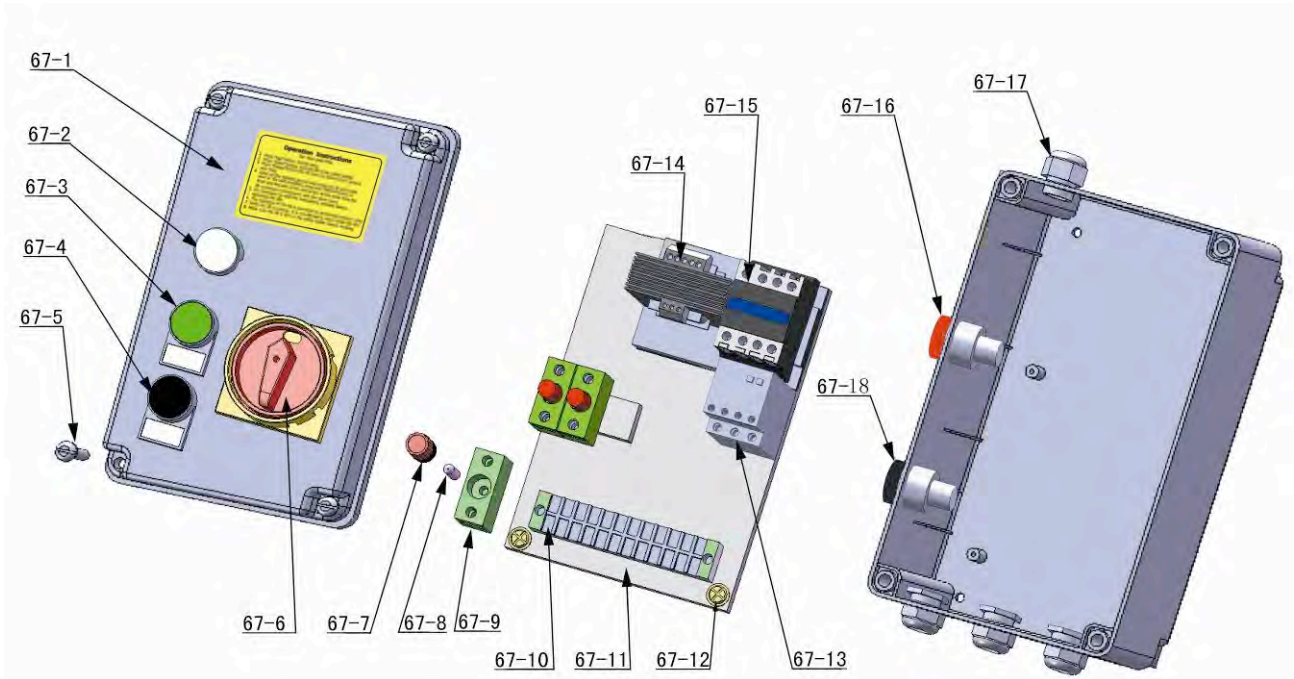


Fig.46

CYLINDERS

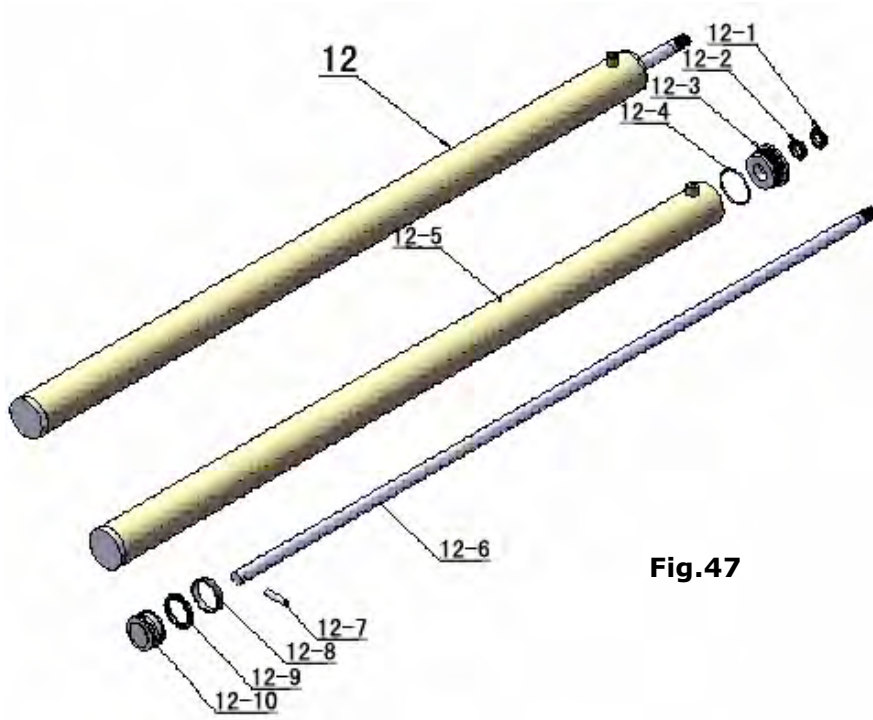


Fig.47

SPX ELECTRIC POWER UNIT 220V/50HZ, single phase (Fig. 48)

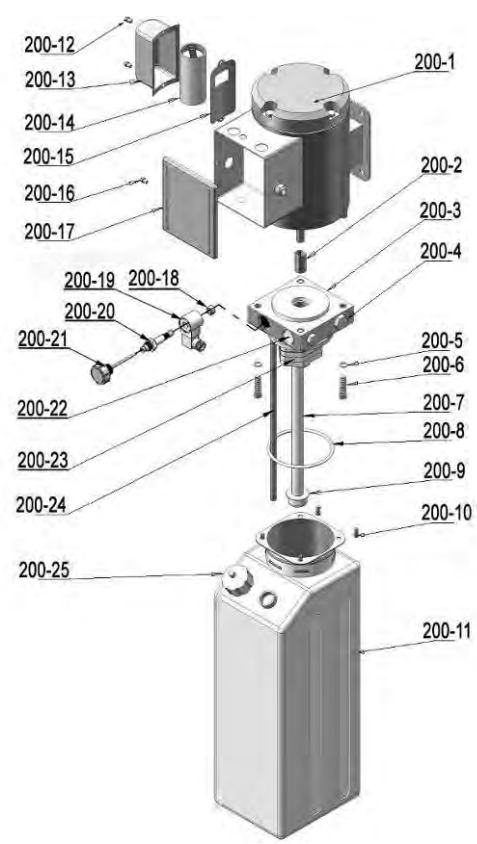


Fig.48

PEAK ELECTRIC POWER UNIT (Fig. 49,50)

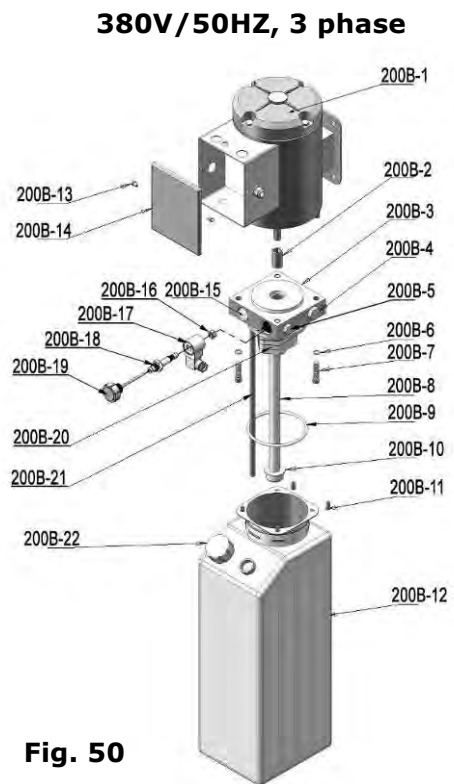
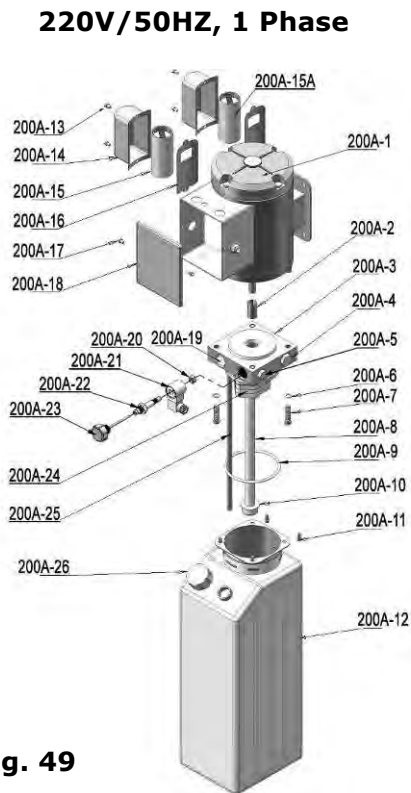


Illustration of hydraulic valve for SPX & PEAK hydraulic power unit

a. SPX Electric power unit, 220V/50HZ, Single phase (See Fig. 51)

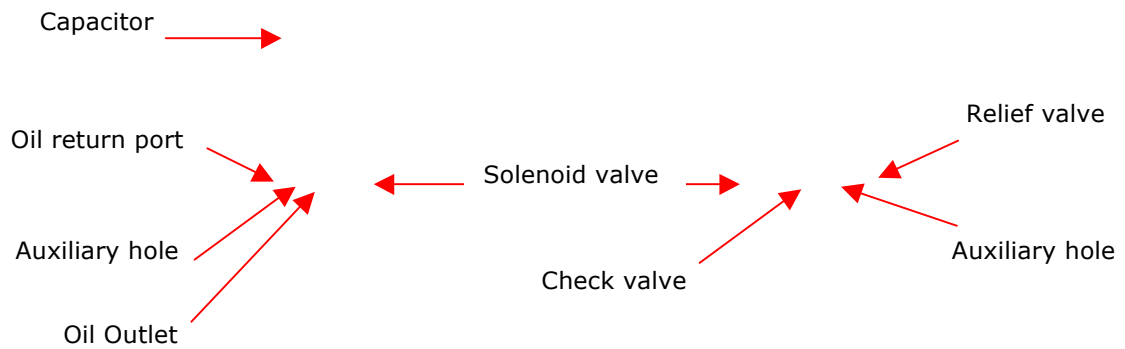
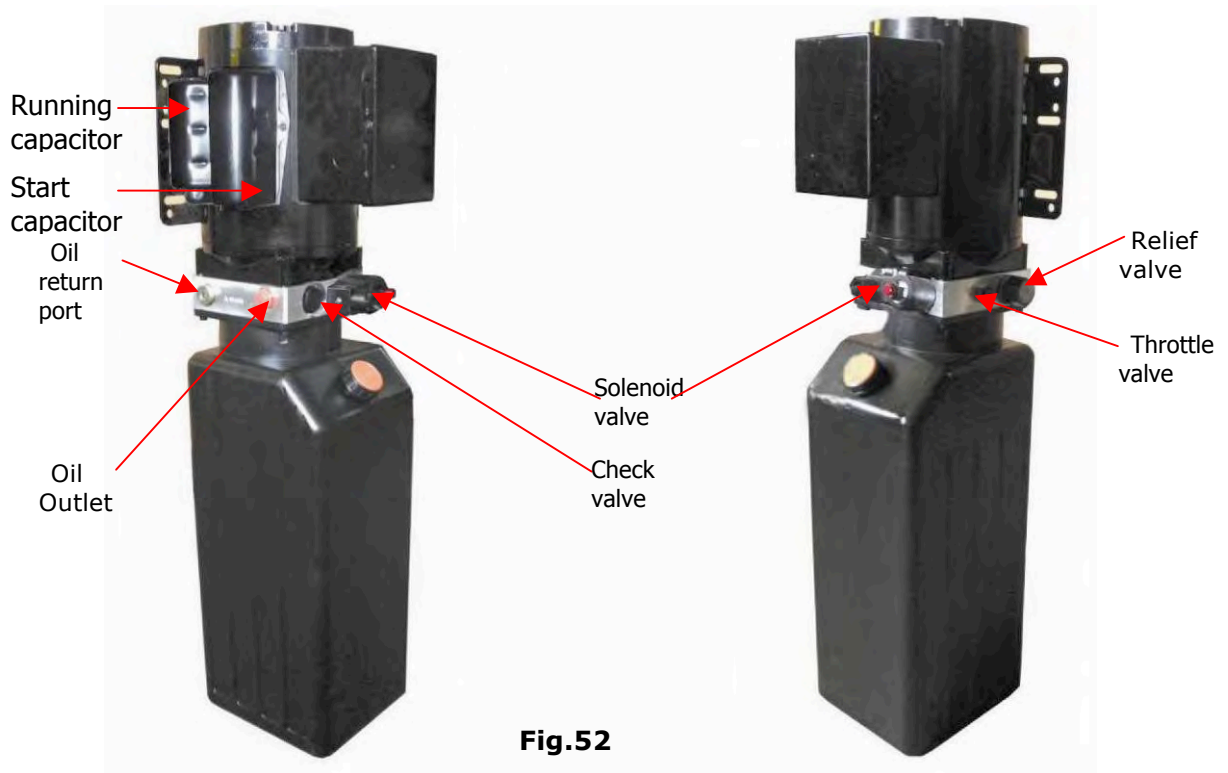
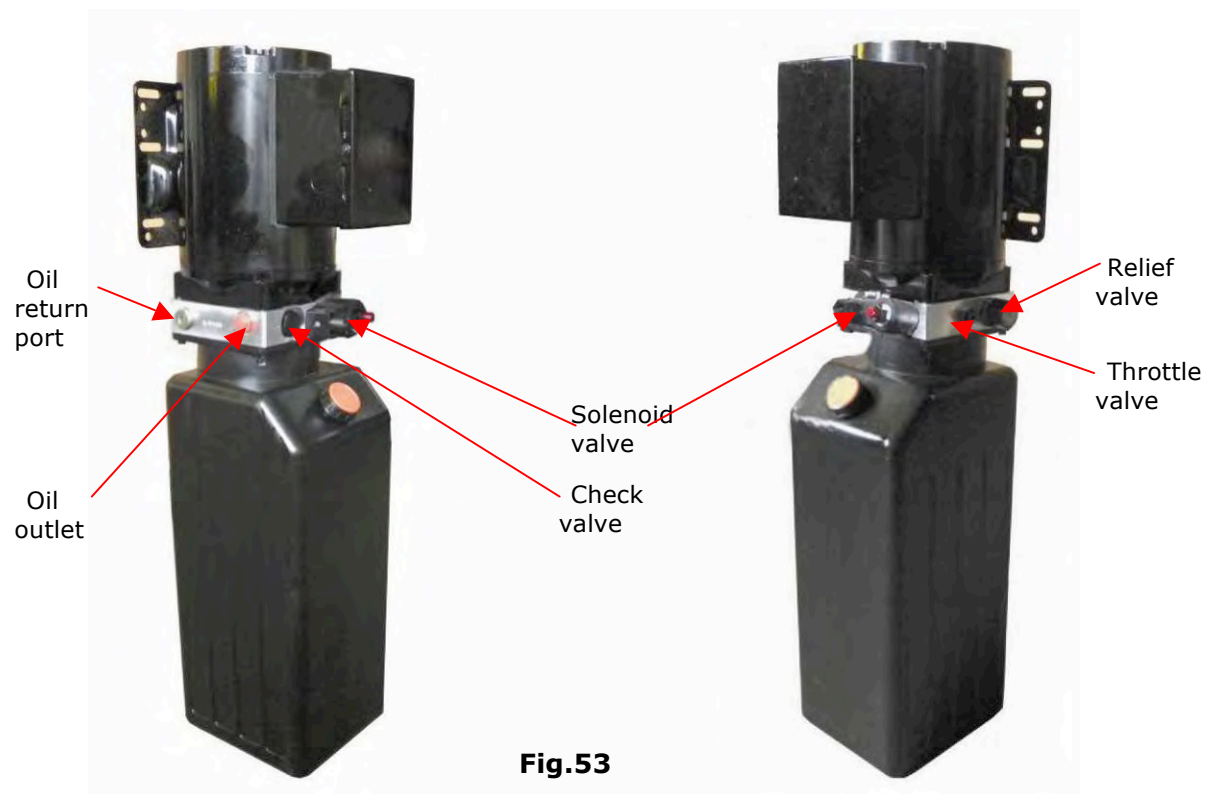


Fig. 51

b. PEAK electric power unit, 220V/50HZ, 1 phase (See Fig. 52)



C. PEAK electric power unit, 380V/50HZ, 3 phase (See Fig. 53)



V. TEST RUN

1. Fill the reservoir with approximately 12L Hydraulic Oil (**Note:** In consideration of Power Unit's durability, please use **Hydraulic Oil 46#**);
2. Press button **UP ↑** till the cables are strained. Check the cables and confirm they are in the proper pulley position. Make sure the cables are not across.
3. Press button **Down↓**, the cross beam will be locked to the safety ladders ; and then adjust the platforms to be level by adjusting the nuts of safety Ladder. Tighten the nuts above and under the safety ladder top plate after leveling.
4. Adjust the cable fitting hex nuts to make platforms and four safety locks work synchronously. You need to run the lift up and down for several times, meanwhile do the synchronous adjustment till the four safety devices can lock and release at the same time.
5. Adjust the clearance between the column and the slide block of cross-beam, Do not tighten the bolts of the slide block, let the sliding block can be turned smoothly after installing the bolts.
6. After finishing the above adjustment, test running the lift with load. Run the lift with platforms in low position first, make sure the platforms can rise and lower synchronously and 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.

Circuit Diagram of Hydraulic System

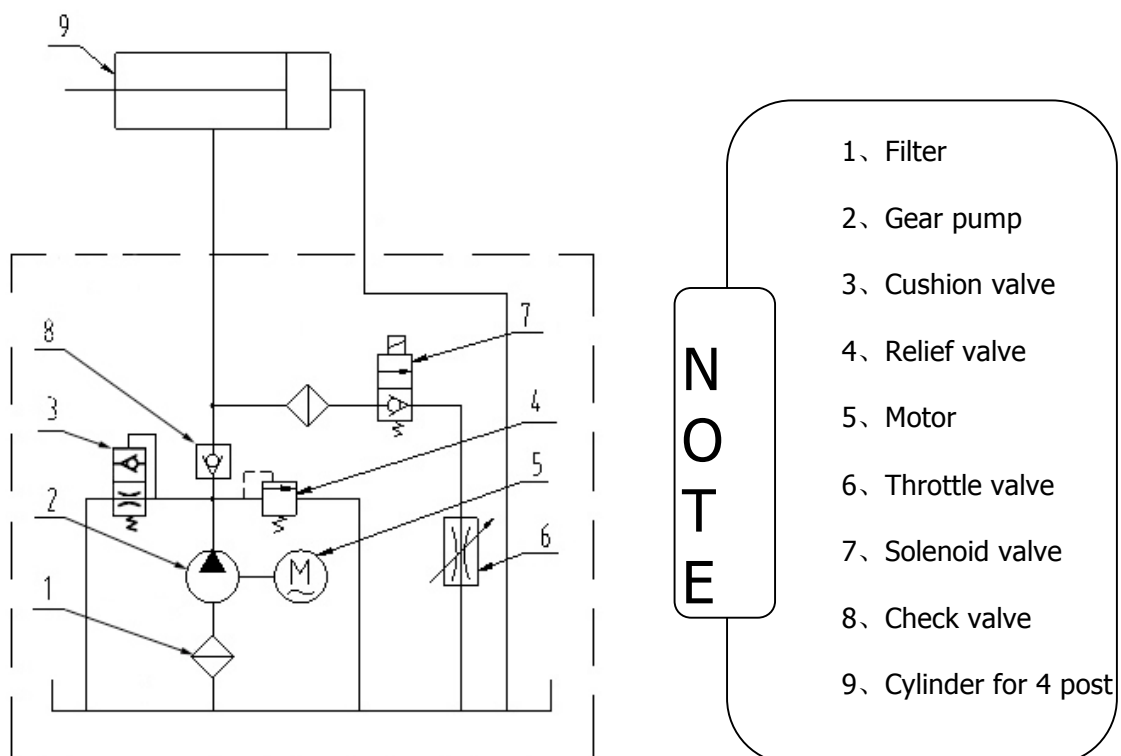


Fig.54

VI. OPERATION INSTRUCTIONS

A. To lift vehicle

1. Keep work area clean around and near the lift;
2. Drive vehicle to the Platform and put on the brake;
3. Take off the drive-in ramp and install rear wheel stop plates to the drive-in ramp position.
4. Turn on the power source switch , press button **UP** and rise the lift to the working position.

Note: when the lift is rising make sure the vehicle is steady.

5. Press button **Down** , lock the lift on the safety ladder and make sure the lift is locked on the same position on the ladder before start to work.

B. To lower vehicle

1. Be sure the clearance of around and under the lift, only leaving operator in lift area;
2. Press button **UP** , and rise the lift for 3-5 seconds, then pull down the safety release handle, make sure the safety device released, and then keep pressing the safety release handle by one hand and press button **Down** by another hand, the lift will fall down slowly. The lift will be stopped automatically when coming down to about 400 mm to ground. Check around and make sure it is safety and no any obstacle under the lift, then push both **DOWN** and **Lowering alarm button K** (the one on the side) at the same time, the lift would be lowered with the tone alarm;
3. After the lift lower to the lowest position, take off the rear stop plate, install the drive-in ramp and drive away the vehicle.
4. Turn off the power source.

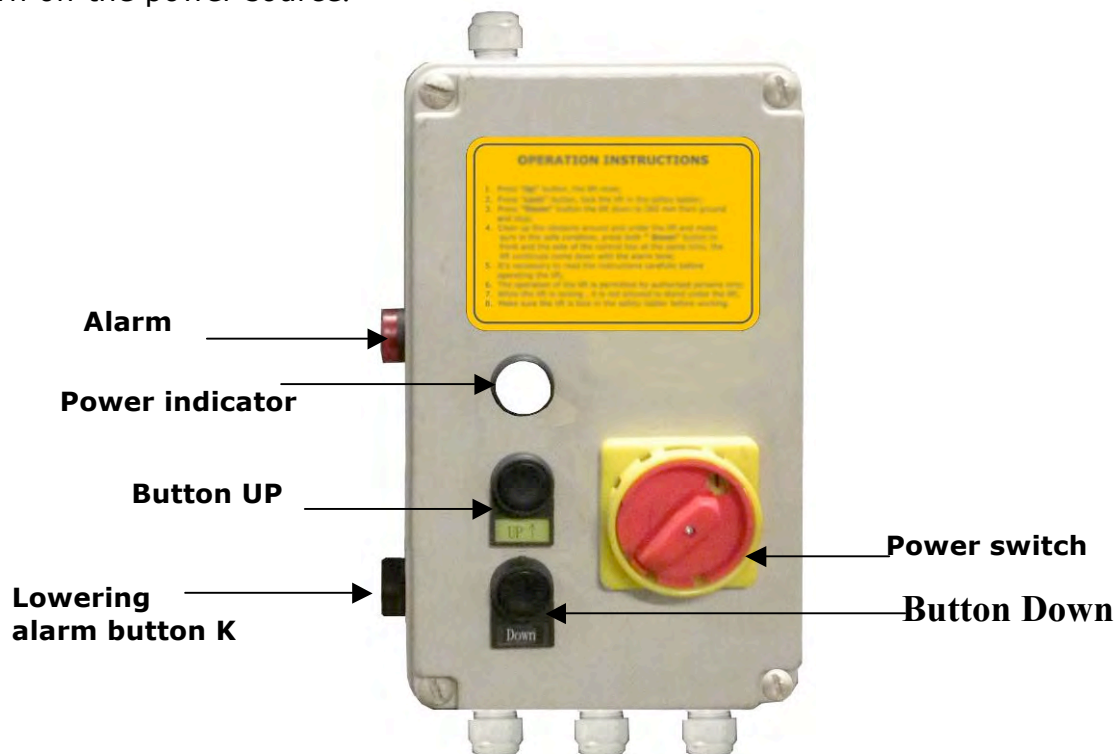


Fig.55

VII. MAINTENANCE

Monthly:

1. Lubricate cable with lubricant;
2. Inspect if there is crack for all the cables;
3. Make a visual inspection if abrasion and leakage for all the hydraulic hose/lines;
4. Lubricate the pulley and safety device with gear oil.

Every six months:

5. Make a visual inspection for all the possible abrasion, interference and damage for the moving part;
6. Inspect and adjust the tension for cable accordingly to make sure the lift is level;
7. Inspect if the column is plumb to ground.

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. 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 AC contactor
Motor runs but the lift is not raised	<ol style="list-style-type: none"> 1. Motor runs in reverse rotation 2. Release valve in damage 3. Gear pump 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 too slow	<ol style="list-style-type: none"> 1. Oil line is jammed 2. Motor running on low voltage 3. Oil mixed with Air 4. Pump leaks 5. Overload lifting 	<ol style="list-style-type: none"> 1. Clean the oil line 2. Check electrical system 3. Fill tank 4. Repair or replace pump 5. Check load
Lift cannot lower	<ol style="list-style-type: none"> 1. Safety device are not in activated 2. Release valve damaged 	<ol style="list-style-type: none"> 1. Operate again 2. Repair or replace

IX. PARTS LIST FOR MODEL A435-P

Item	Part#	Description	QTY.	Note
1	410110	Powerside Column	1	
2	410002	Offside Column	3	
3	410003	Cross Beam A	1	
4	410004	Offside Platform	1	
5	410005	Powerside Platform	1	
6	410006	Cross Beam B	1	
7	410007	Drive-in ramp	2	
8	209043	Hex Bolt	4	
9	209033	Washer	28	
10	209005	Self locking Nut	26	
11	410008	Cylinder fixed ring	1	
12	410009	Cylinder	1	
13	410011	Cylinder connecting plate	1	
14	410012	Hex Nut	1	
15	201005	Split Pin	1	
200	420019	Electro power unit	1	
17	420175A	Hex nut	16	
18	410022	Safety ladder	4	
19	420022A	Pulley pin assy.	2	
19A	410106	Cushion cover	1	
20	420023A	Washer	13	
21	420024B	Pulley	10	
22	209034	Lock washer	10	
23	420144	Washer	2	
24	410013	Hex Bolt	8	
25	420137	Lock washer	8	
26	420029	Washer	8	
27	410014	Hex Bolt	4	
28	410015	Tire stop plate	2	
29	206006	Washer	12	
30	420026	Lock washer	8	
31	410105	Hex Bolt	8	
32	410016A	Plastic block	16	
33	410017	Socket bolt	16	
34	620065/ 201090	Shim	20/20	
35	410019	Cable 1	1	
36	410020	Cable 2	1	
37	410018	Cable 3	1	
38	410021	Cable 4	1	
39	420020B	Hex Bolt	4	
40	410023	Connecting bar for safety device	2	
41	410024	Connecting tube	1	

Item	Part#	Description	QTY.	Note
42	209032	Socket bolt	4	
43	217005	Plastic ball	1	
43A	209056	Self locking Nut	1	
44	410025	Socket bolt	4	
45	410026	Safety release handle	1	
45A	410100	Extension lock release handle assy	1	
46	209004	Rubber ring	4	
47	209003	Hex Bolt	8	
48	420166	90 ⁰ Fitting	1	
49	420119	Straight Fitting for cylinder	1	
49A	410135	Limit block	1	
50	410027	Oil hose	1	
51	420120	Extend straight fitting with nut	1	
52	207026	Oil hose	1	
53	209060	90 ⁰ Fitting for power unit	1	
54	420095	Straight fitting	1	
55	410028	Oil return hose	1	
56	410036	Protective hose	1	
57	209145A	Cup head bolt with washer	8	
58	410029	Plastic cover for cross beam	4	
59	410030	Spring	4	
60	420033	Spring	4	
61	209059	Anchor bolt	8	
62	410503	Parts box	1	
63	410094	Rear wheel stop plate	2	
64	206011	Cup Head Bolt	12	
65	420010A	Fixing Plate For Limit Switch	2	
66	206013	Limit Switch	2	
67	410114	Control box	1	
68	420045	Washer	2	
69	209145	Cup head bolt	2	
70	410108	Limit switch cable	2	
71	420168	White strap	1	
72	217135	Motor wire	1	
73	410107	Solenoid valve wire	1	

Optional kits				
74	410040	Jack tray	1	
75	410039	Plastic oil tray	4	
76	40801	Caster kits	4	
77	410041	Sliding jack	1	
78	40802	Motor fixing bracket	1	
Parts for optional caster kits				
76-1	410042A	Support bracket	4	
76-2	209125	Hex bolt	16	
76-3	209039	Lock washer	16	
76-4	209022	Washer	16	
76-5	209021	Hex nut	16	
76-6	410035	Plastic wheel	4	
76-7	410034	Connecting pin	4	
76-8	209012	Hair Pin	8	
Parts For Cross Beam				
3-1	206024	Hex bolt	4	
3-2	206032	Snap ring	2	
3-2A	217020	Bronze bush	2	
3-3	410099	Spring	2	
3-4	410031	Connecting bar for safety lock	2	
3-5	206023	Self locking Nut	4	
3-6	410032	Safety locks connecting assy.	2	
3-7	410033	Connecting bar assy. for safety lock	2	
3-8	420041A	Pulley Pin	4	
3-9	420132A	Pulley Bush	10	
3-10	420040A	Pulley pin sleeve	4	
3-11	209010	Snap ring	4	
3-12	420035	Tension pulley	4	
3-13	420174	Spacer	4	
3-14	420171	Pin	12	
3-15	420175	Slack-cable safety lock (Left & Right)	2/ea.	
3-16	420172	Pin Bush For Slack-cable safety lock	8	
3-17	206019	Snap ring	24	
3-18	420037	Snap ring	16	
3-19	420038	Pin	8	
3-20	420138	Socket Bolt	8	
3-21	209149	Lock washer	8	
3-22	420045	Washer	8	
3-23	420044	Stop block	4	

Parts For Cylinder				
12-1	410080	Dust Ring	1	
12-2	410104	Y- Ring	1	
12-3	410044	Head Cap	1	
12-4	410045	O- Ring	1	
12-5	410046	Bore Weldment	1	
12-6	410047	Piston Rod	1	
12-7	410049	Pin	1	
12-8	520052	Support Ring	1	
12-9	201030	Y- Ring	1	
12-10	410048	Piston	1	
Parts For Control box				
67-1	420069A	Cover Of Control Box	1	
67-2	201094	Power Indicator	1	
67-3	420070	Button UP	1	
67-4	420070	Button Down	1	
67-5	420139	Screw	4	
67-6	420074	Power Switch (QSI)	1	
67-7	420085	Fuse Cap	3	
67-8	420086	Fuse (FU1)	3	
67-9	420087	Fuse Base	3	
67-10	620082	Terminal Group	1	
67-11	420133A	Panel for Installing Element	1	
67-12	420073	Cup Head Bolt	4	
67-13	420140	Thermal Relay (FR)	1	
67-14	420134	Transformer (TC)	1	
67-15	420084A	24V AC Contactor (KM)	1	
67-16	420143	Buzzer	1	
67-17	420088	Fitting For White Wire Cable	4	
67-18	420142	Lowering alarm button K	1	

Parts For SPX Electric Power Unit, 220V/50Hz/1 phase				
200-1	81400185	Motor	1	
200-2	81400063	Motor Connecting Shaft	1	
200-3	81400186	Valve Body	1	
200-4	81400160	Relief Valve	1	
200-5	81400161	Lock Washer	4	
200-6	81400162	Socket Bolt	4	
200-7	81400121	Inlet Pipe	1	
200-8	81400163	O-ring	1	
200-9	81400164	Filter	1	
200-10	81400165	Hex Bolt	4	
200-11	81400093	Reservoir	1	
200-12	81400166	Cross Bolt	2	
200-13	81400167	Cover for Capacitor	1	
200-14	81400029	Capacitor	1	
200-15	81400168	Rubber Gasket	1	
200-16	81400169	Hex Bolt	1	
200-17	81400062	Cover of Motor Terminal Box	1	
200-18	81400187	Hydraulic Solenoid Valve Nut	1	
200-19	81400188	Hydraulic Solenoid Valve Coil	1	
200-20	81400056	Hydraulic Solenoid Valve Body	1	
200-21	81400189	Release Adjusting Bar	1	
200-22	81400043	Check Valve	1	
200-23	81400123	Gear Pump	1	
200-24	81400122	Oil Return Pipe	1	
200-25	81400172	Filler Cap	1	

Parts For PEAK Electric Power Unit, 220V/50Hz/1 phase				
200A-1	81400190	Motor	1	
200A-2	81400127	Motor Connecting Shaft	1	
200A-3	81400198	Valve Body	1	
200A-4	81400106	Relief Valve	1	
200A-5	81400107	Throttle Valve	1	
200A-6	209149	Lock Washer	4	
200A-7	81400148	Socket Bolt	4	
200A-8	81400134	Inlet Pipe	1	
200A-9	81400144	O-ring	1	
200A-10	81400150	Filter	1	
200A-11	81400145	Socket Bolt	4	
200A-12	81400024	Reservoir	1	
200A-13	420148	Cup Head Bolt	4	
200A-14	81400066	Cover for Capacitor	2	
200A-15	81400130	Start Capacitor	1	
200A-15A	81400088	Run Capacitor	1	
200A-16	81400180	Rubber Gasket	2	
200A-17	420148	Cup head Bolt with washer	2	
200A-18	81400050	Cover of Motor Terminal Box	1	
200A-19	81400192	Check Valve	1	
200A-20	81400193	Hydraulic Solenoid Valve Nut	1	
200A-21	81400194	Hydraulic Solenoid Valve Coil	1	
200A-22	81400195	Hydraulic Solenoid Valve Body	1	
200A-23	81400196	Release Adjusting Bar	1	
200A-24	81400041	Gear Pump	1	
200A-25	81400084	Oil Return Pipe	1	
200A-26	81400113	Filler Cap	1	

Parts For PEAK Manual Power Unit 380V/50Hz/3 phase				
200B-1	81400197	Motor	1	
200B-2	81400127	Motor Connecting Shaft	1	
200B-3	81400198	Valve Body	1	
200B-4	81400106	Relief Valve	1	
200B-5	81400107	Throttle Valve	1	
200B-6	209149	Lock Washer	4	
200B-7	81400148	Socket Bolt	4	
200B-8	81400134	Inlet Pipe	1	
200B-9	81400144	O-ring	1	
200B-10	81400150	Filter	1	
200B-11	81400145	Socket Bolt	4	
200B-12	81400024	Reservoir	1	
200B-13	420148	Cup head Bolt with washer	2	
200B-14	81400050	Cover of Motor Terminal Box	1	
200B-15	81400192	Check Valve	1	
200B-16	81400193	Hydraulic Solenoid Valve Nut	1	
200B-17	81400194	Hydraulic Solenoid Valve Coil	1	
200B-18	81400195	Hydraulic Solenoid Valve Body	1	
200B-19	81400196	Release Adjusting Bar	1	
200B-20	81400041	Gear Pump	1	
200B-21	81400084	Oil Return Pipe	1	
200B-22	81400113	Filler Cap	1	



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