

GRAND PRIX IMPORT

Installation, Operation & Maintenance Manual

ALIGNMENT SCISSOR LIFT

*The specifications stated on this brochure are not binding.
We reserve the right to change the specification without notice*



SLA-16 16,000 LBS.

**IMPORTANT:
Read this manual completely before
installing or operating lift**

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———— Contents ————

SLA-16 Specifications	4
Installation Requirement	5
Installation Steps	7
Exploded View29
Test Run33
Operation Instructions.35
Maintenance Schedule.36
Trouble Shooting38
SLA-16 Parts List39
Warranty48

SLA-16 Specifications

- Electric-air control system, safety self-lock mechanism
- 2-Dual synchronous cylinders are applied to assure the lifting level on both platforms
- Skid proof diamond runway
- Integrated rear slip-plates
- Heavy duty design, fit for a wide range of vehicle car to van and light truck.
- Includes Turntables
- Optional Jack (with air-operated hydraulic pump)

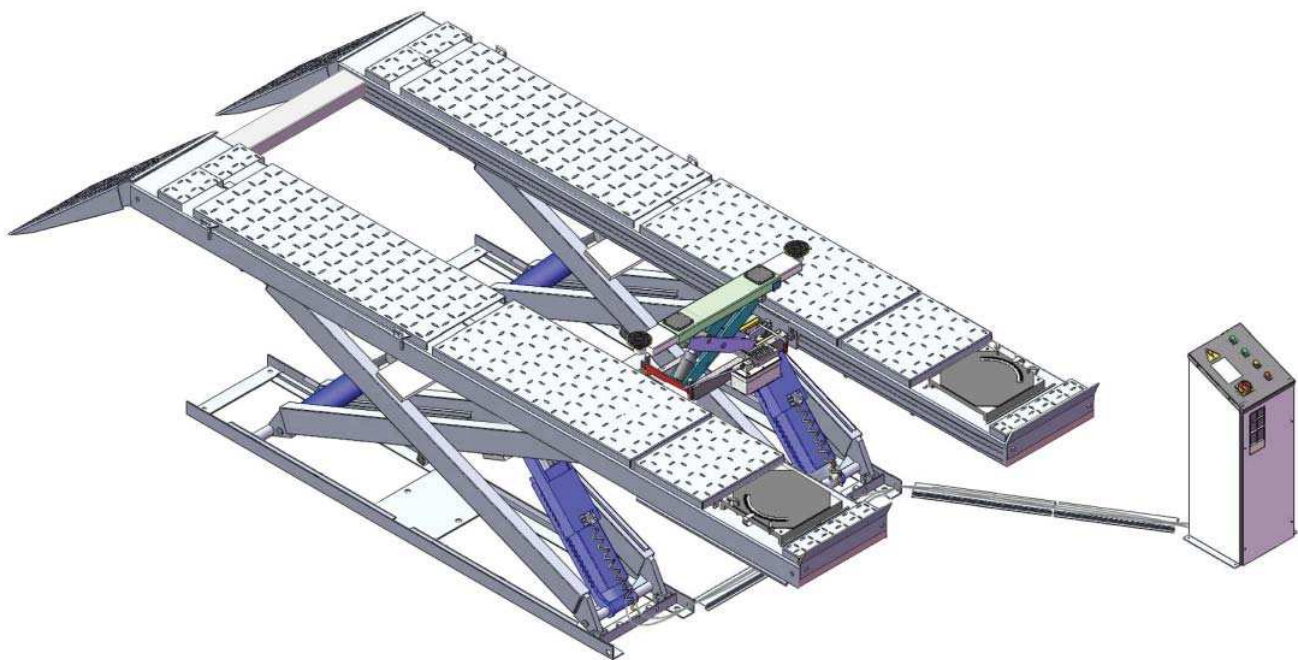


Fig. 1

Lifting Capacity	Lifting Height	Min. Height	Lifting Time	Overall Length (Inc.Ramps)	Overall Width	Runway Width	Distance Between Runway	Gross Weight	Motor
7.3T 16000 lbs	1870mm 73 5/8"	330mm 13"	82 sec.	6964mm 274 1/8"	2390mm 94"	625mm 24 5/8"	1055mm 41 1/2"	2784Kg 6132 lbs	4.0HP

Installation Requirement

Tools Required

Rotary Hammer Drill ($\Phi 19$, $\Phi 10$, $\Phi 4$,)



Hammer



4 Foot Level



Crescent Wrench (12")



Ratchet & Socket (28mm)



Wrench set (mm)
(8#, 14#, 15#, 17#, 19#)



Carpenter's Chalk



Screw Drivers



Tape Measure (25ft)



Pliers



Grease gun



Vise Grips



Fig. 2

Concrete Specifications

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 4 inches thick 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 3,000psi (210kg/cm²) minimum.
3. Floors must be level and no cracks.

Power Supply

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

Installation Steps

A. Location of Installation

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

1. For Standard Installation: On surface installation

1.1 On surface installation foundation (See Fig. 3).

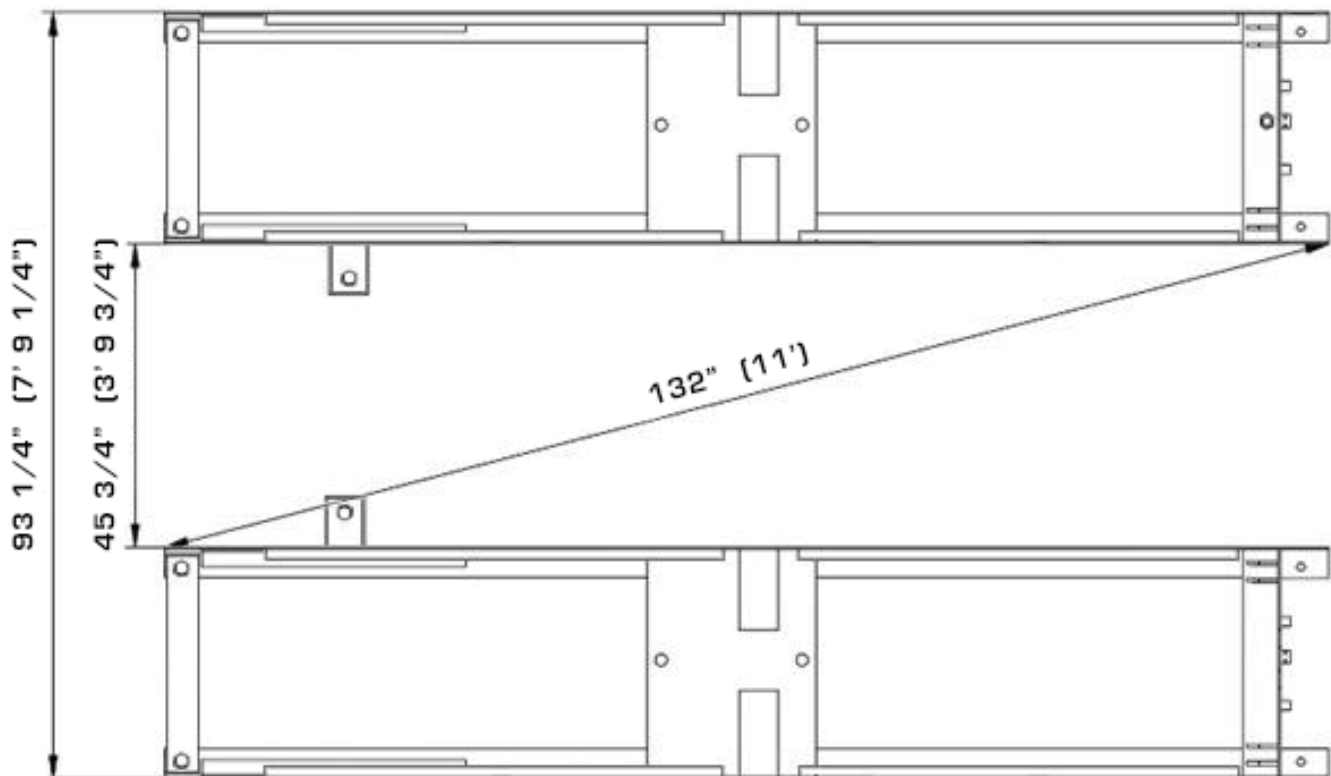


Fig. 3

1.2 Illustration for on surface installation (See Fig. 4).

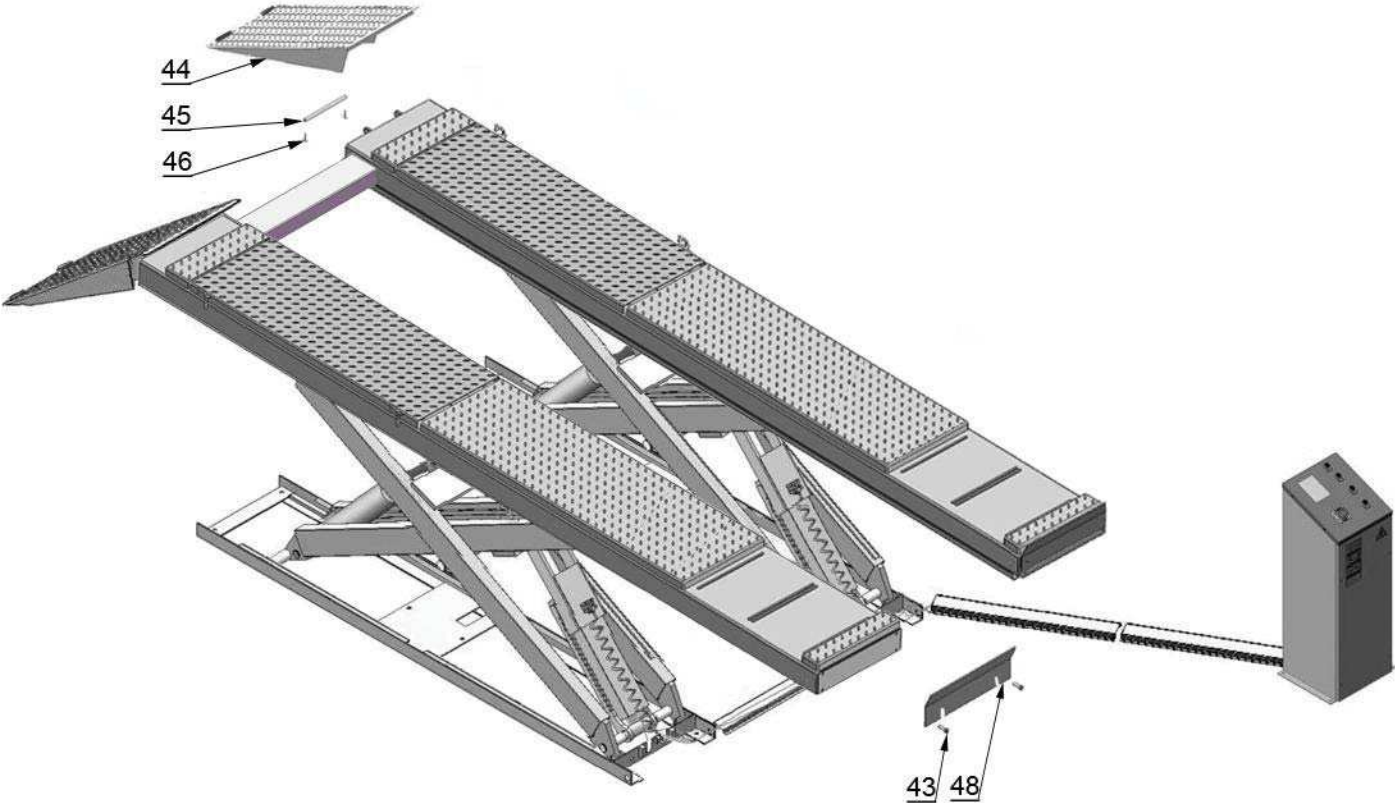


Fig. 4

2. For Optional Installation: Flush mount installation

2.1 Flush mount installation foundation (Fig. 5).

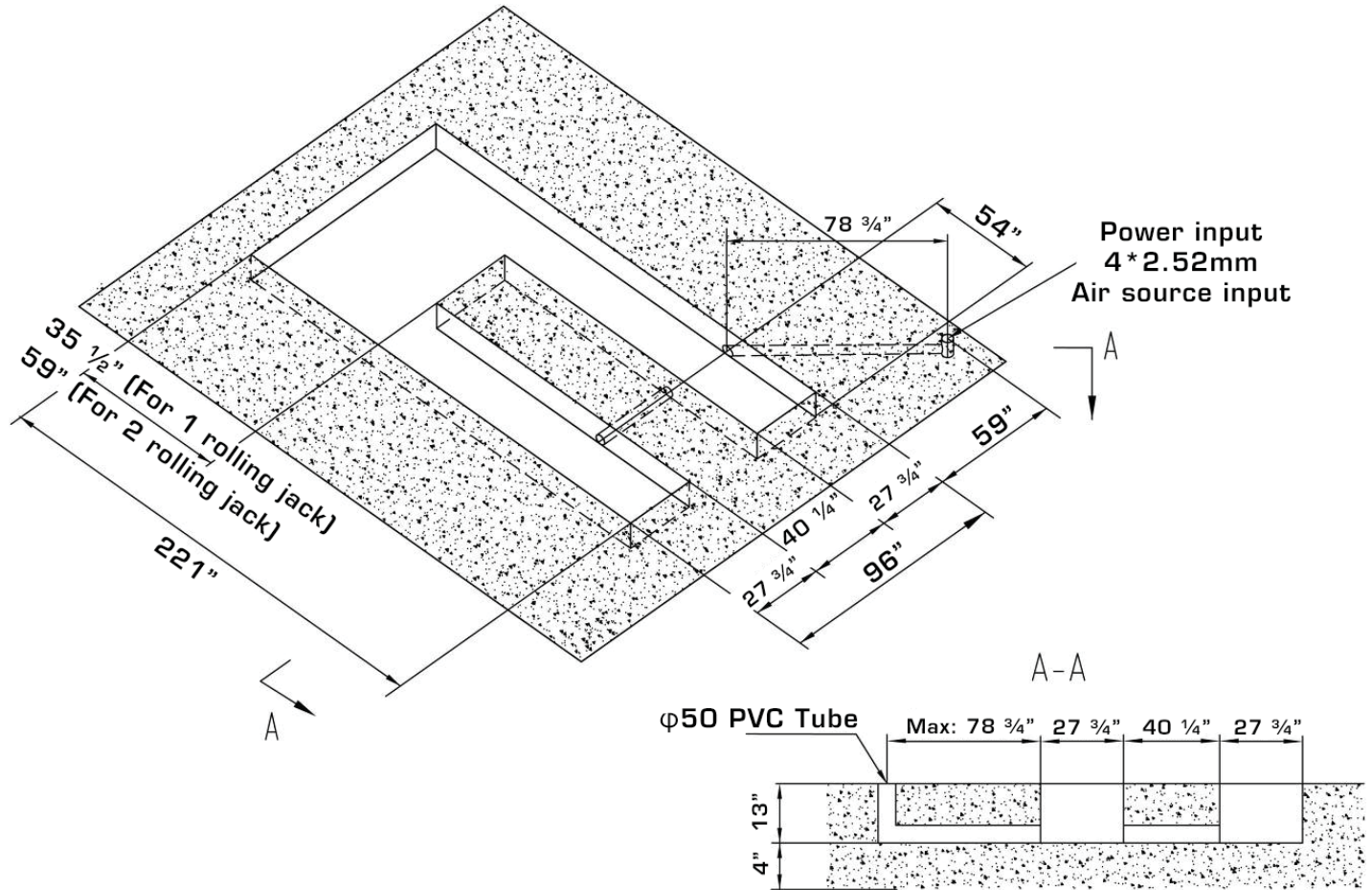


Fig. 5

2.2 Illustration for flush mount installation (Fig. 6).

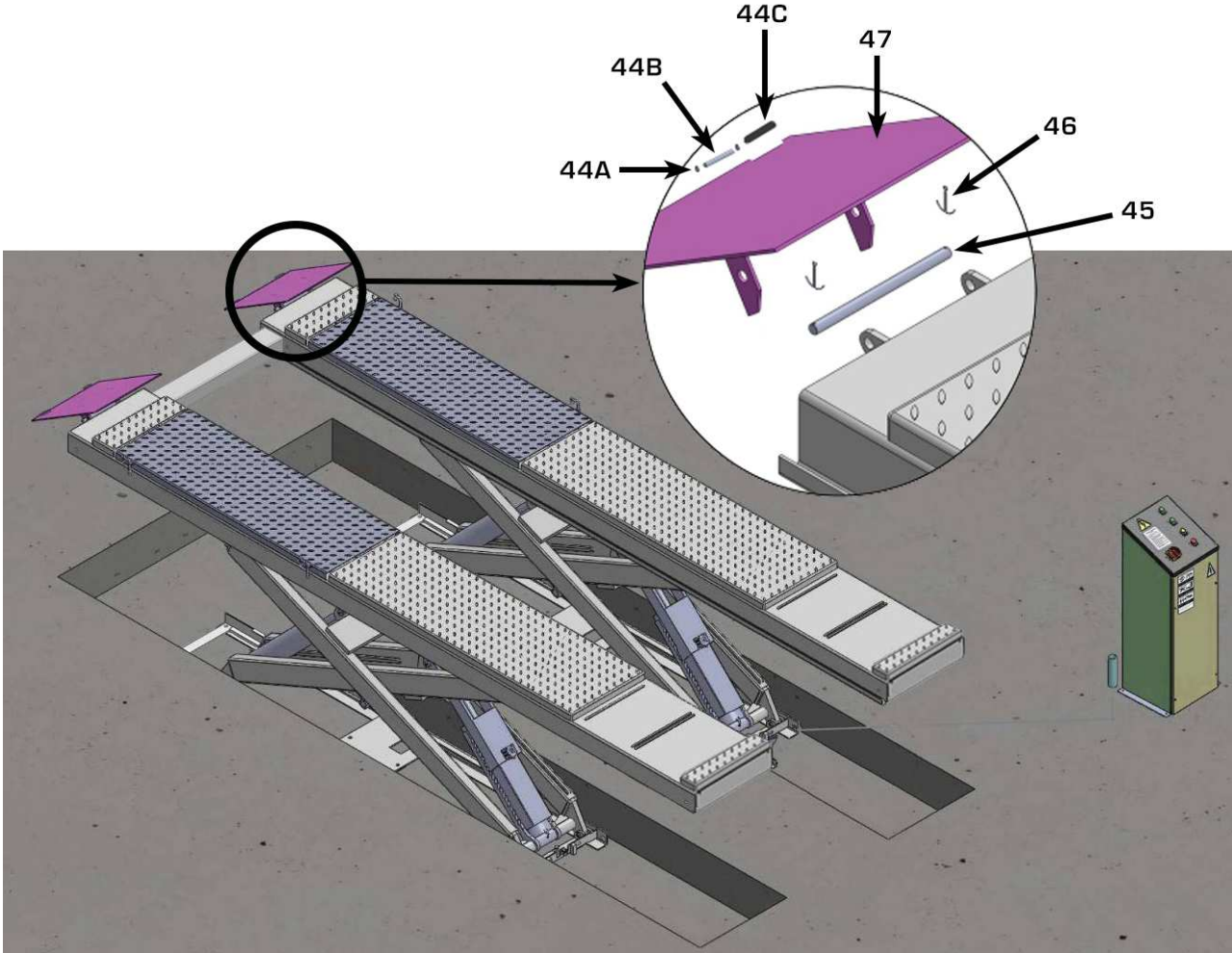


Fig. 6

B. Check the parts before assembly.

1. Packaged lift and control cabinet (See Fig. 7).



Fig. 7

2. Move aside the lift with fork lift or hoist, and open the outer packing carefully.

- 2.1 Parts for on surface installation (See Fig. 8)

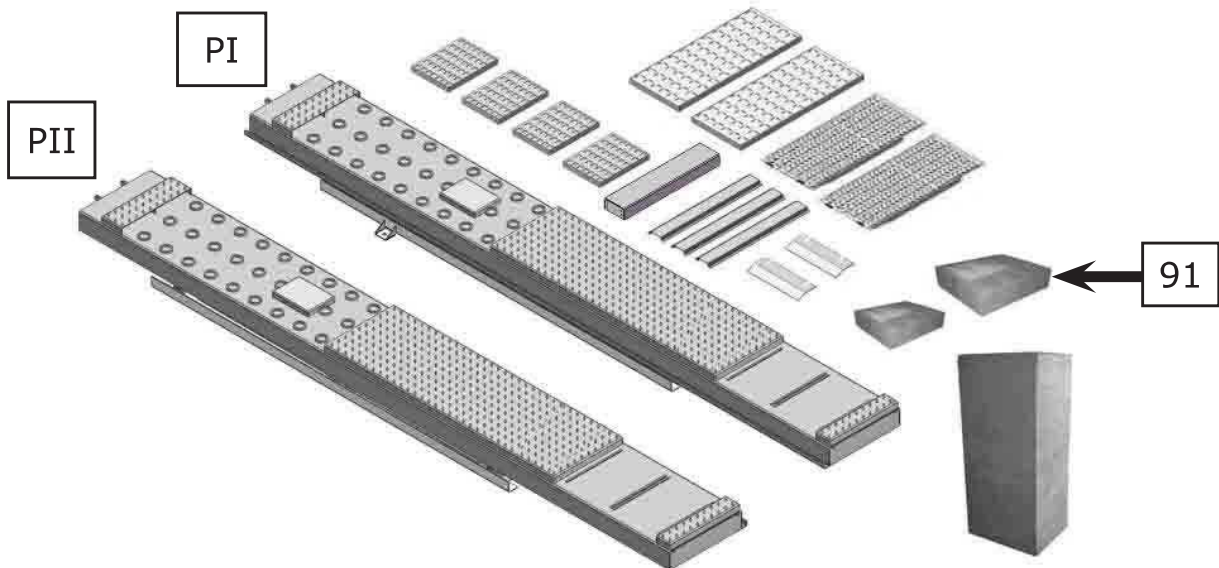


Fig. 8

2.2 Parts for flush mount installation (See Fig. 9)

Noted: Need guide ramp for flush mount installation

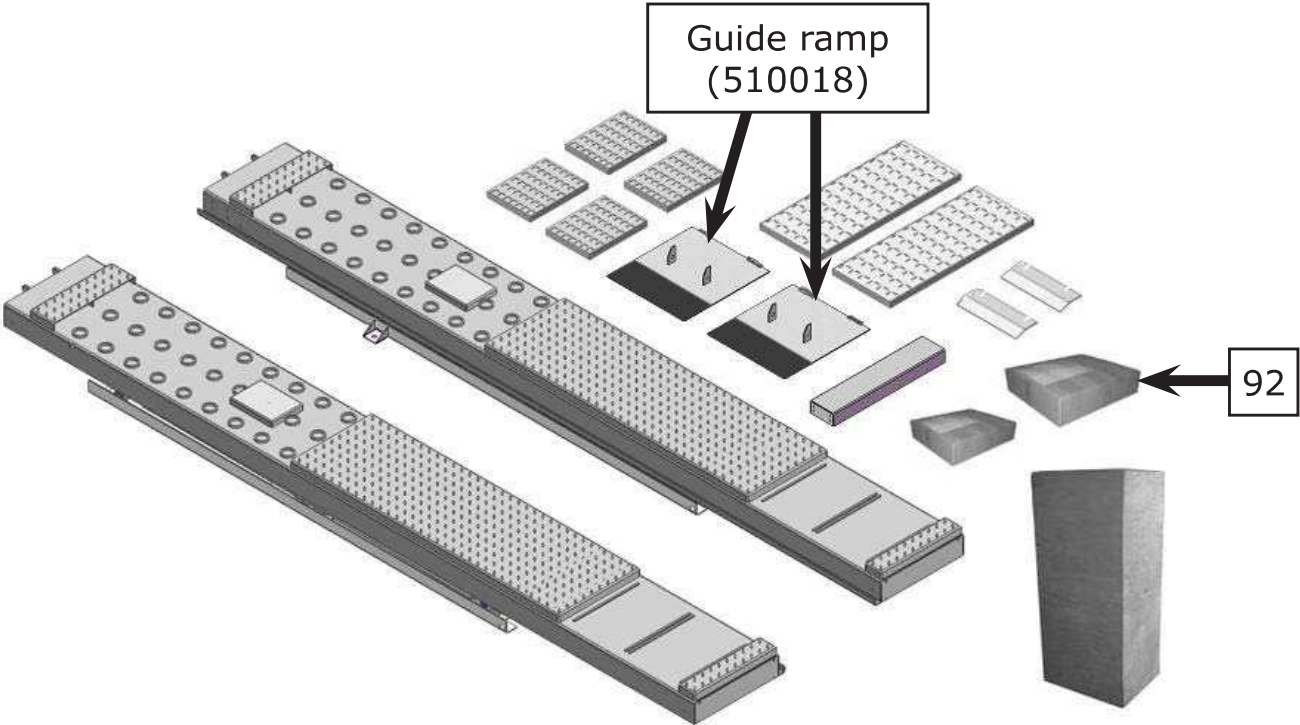


Fig. 9

3. Open the parts box, check the parts according to the part list (See Fig. 10).



Fig. 10

4. Check the parts of the parts bag according to the parts bag list.

4.1 Parts bag for on surface installation (**See Fig. 11**)

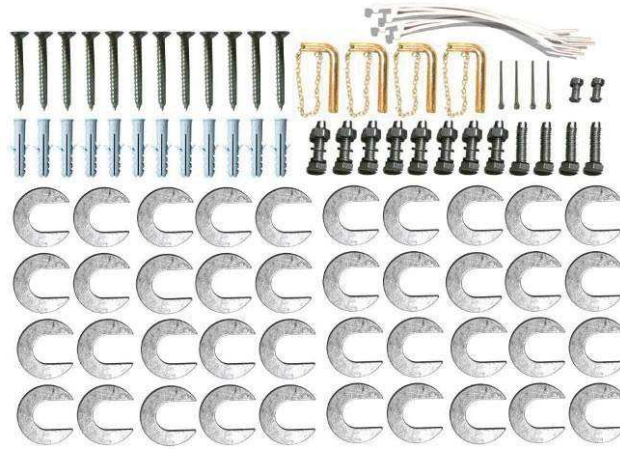


Fig. 11

4.2 Parts bag for flush mount installation (**See Fig. 12**)



Fig. 12

C. Layout the machine and install oil system and air line system.

1. Select a location and layout the equipment according to steps **A (See Fig. 13)**. The control cabinet can be installed on the left or right according to the site.

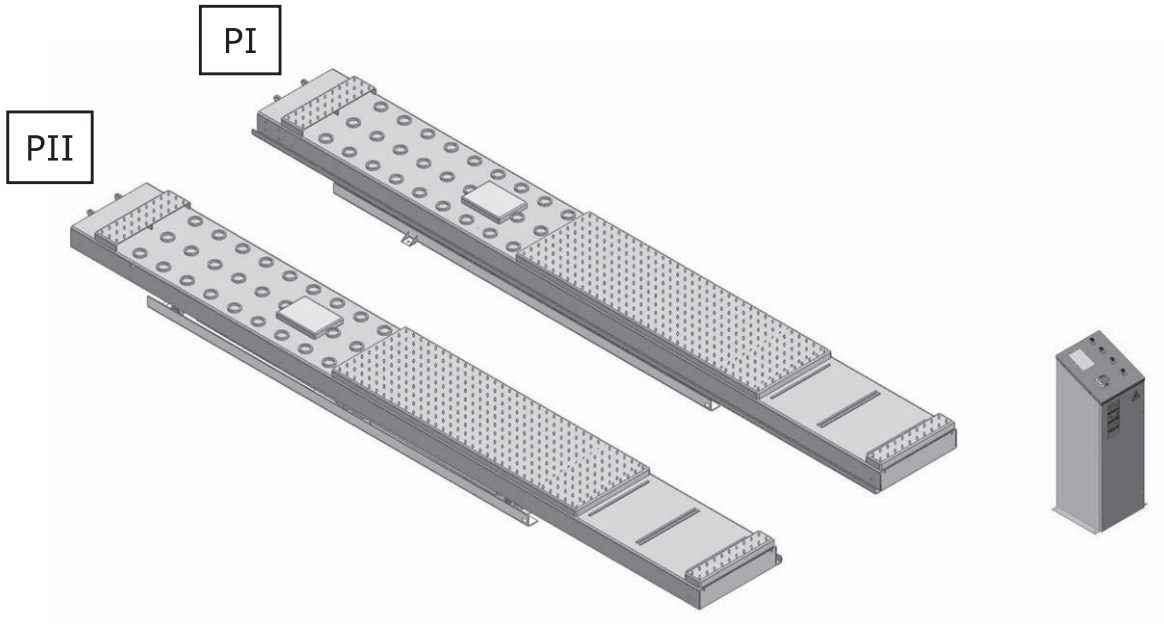
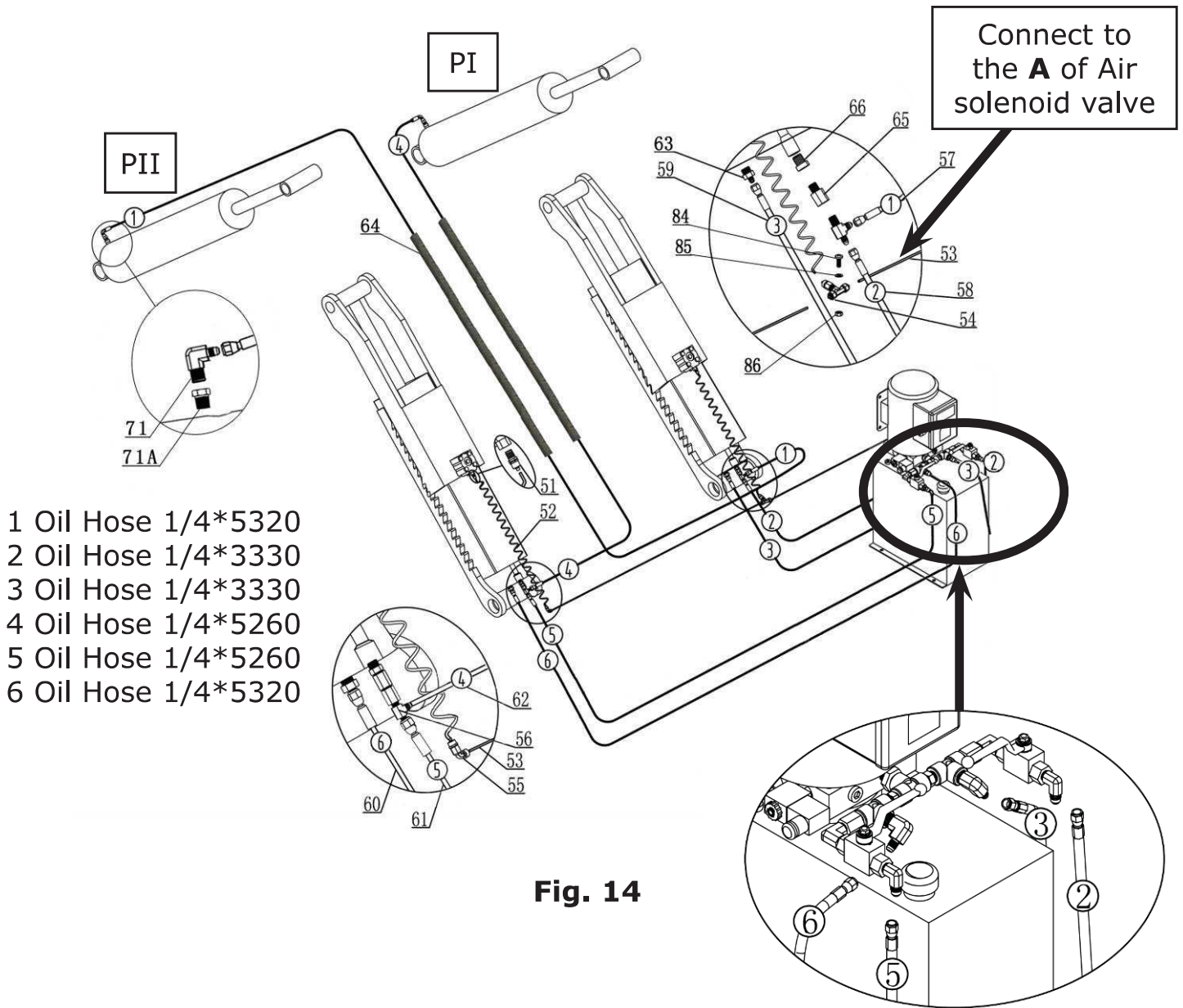


Fig. 13

2. Connecting the oil hose and air line.

2.1 Control cabinet installed in the left of the car in direction (**See Fig. 14**)



2.2 Control cabinet installed in the right of the car in direction (**See Fig. 15**).

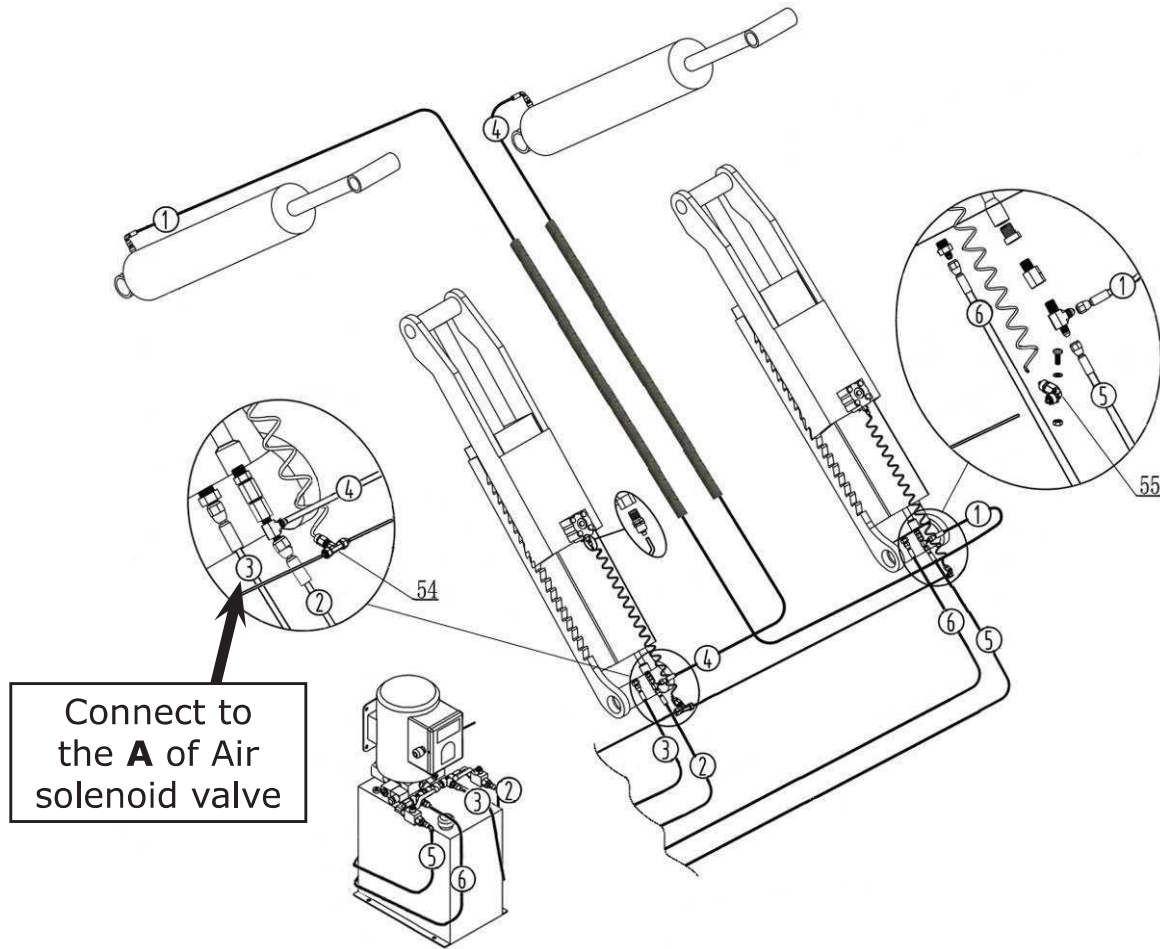


Fig. 15

3. Install the oil-water separator (See Fig. 16).

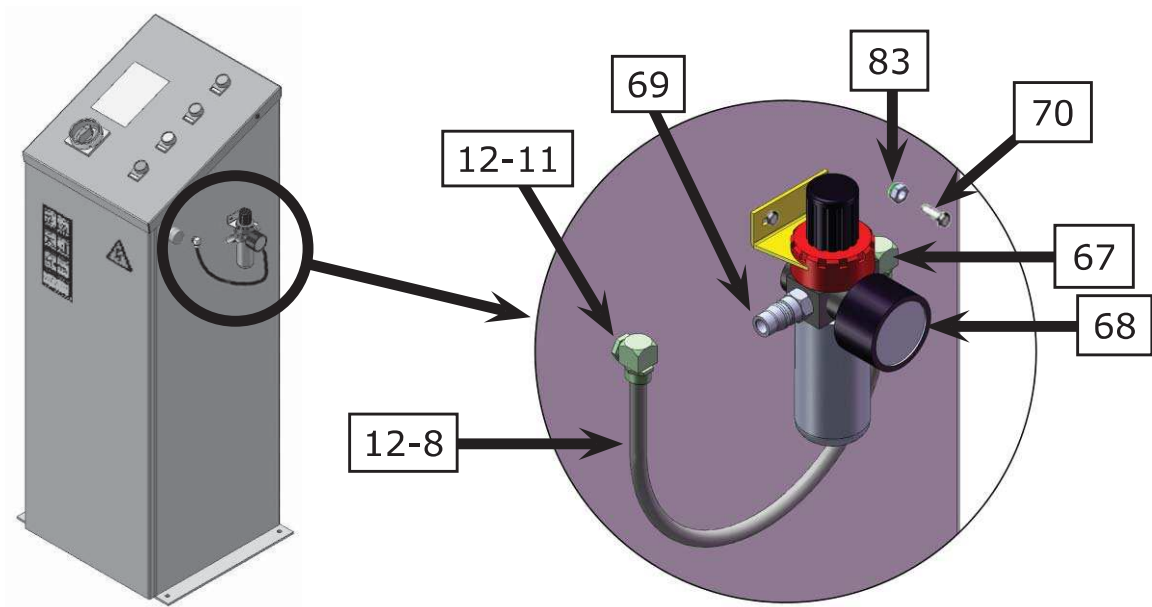


Fig. 16

Connecting the air source by the oil-water separator

4. Connect the air source (air pressure $5\text{kg/cm}^2\text{-}8\text{kg/cm}^2$). Adjust the air pressure to $0.4\sim 0.6\text{MPa}$ (See Fig. 17).



Clockwise to increase the air pressure.
Counter-clockwise to reduce the air pressure.
Adjust the air pressure to $0.4\sim 0.6\text{MPa}$

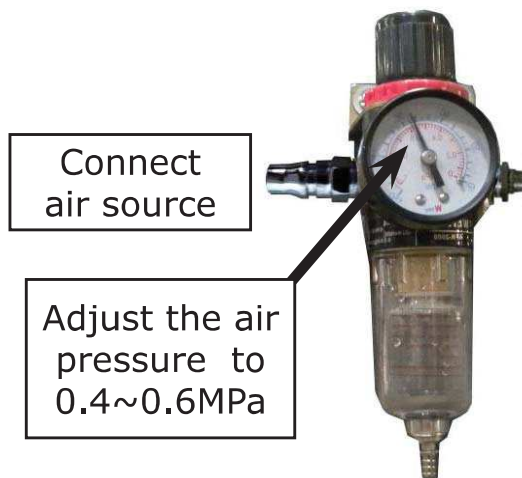


Fig. 17

D. Install electric system

1. 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	Single phase /4.0HP	Three phase /4.0HP
Rated current of thermal relay	22A	14A

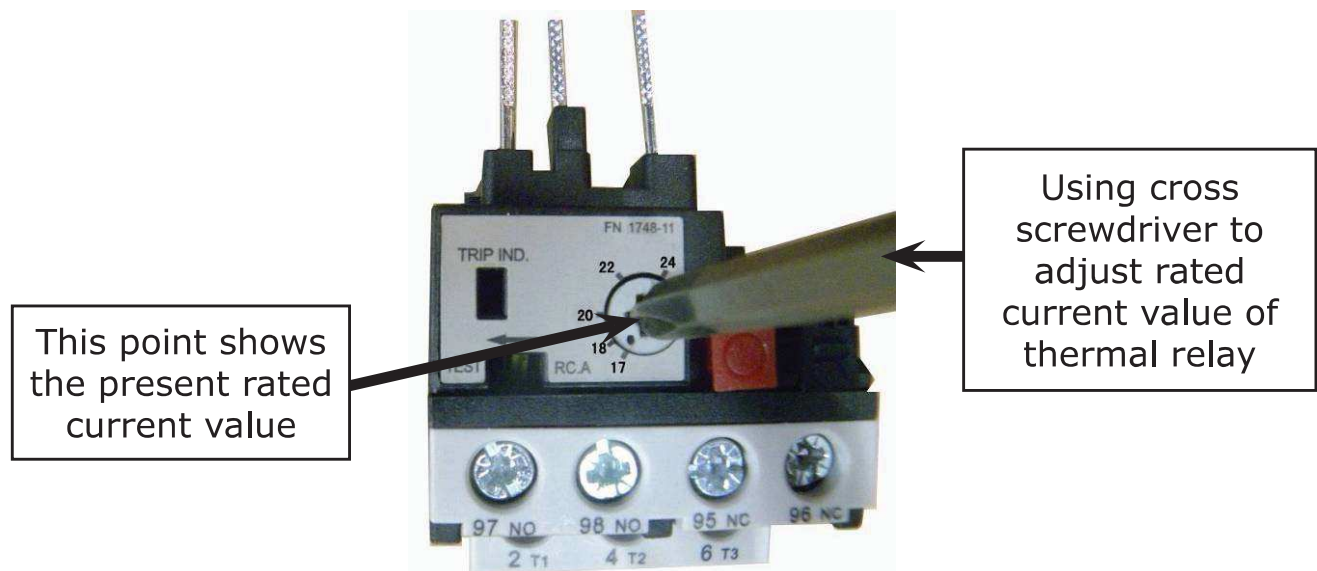


Fig. 18

Electric Component

Item	Name	Code	Specification	Item	Name	Code	Specification
1	Power switch	QS	380V AC	10	Push button	UP	Duplex
2	Fuse	FU1	25A	11	Push button	LOCK	Duplex
3	Fuse	FU2	3A	12	Push button	Down1	Triple
4	AC contactor	KM	24V AC	13	Push button	Down2	Duplex
5	Thermal relay	FR	12A-18A	14	Motor	M	Three phase
6	Time relay	KT	24V AC	15	Buzzer	H	24V AC
7	Limit Switch	SQ _(1~2)	10A	16	Transformer	TC	24V AC
8	Hydraulic Solenoid Valve	Y1	24V AC	17	Intermediate relay	KA	24V AC
9	Air solenoid Valve	Y2	AC 24V	18	Red button	SB	2A

3. Wire connection for hydraulic power unit (**220V**)

3.1 Connect the power wire and limit switch wire according to the Wiring diagram (**See Fig. 21**)

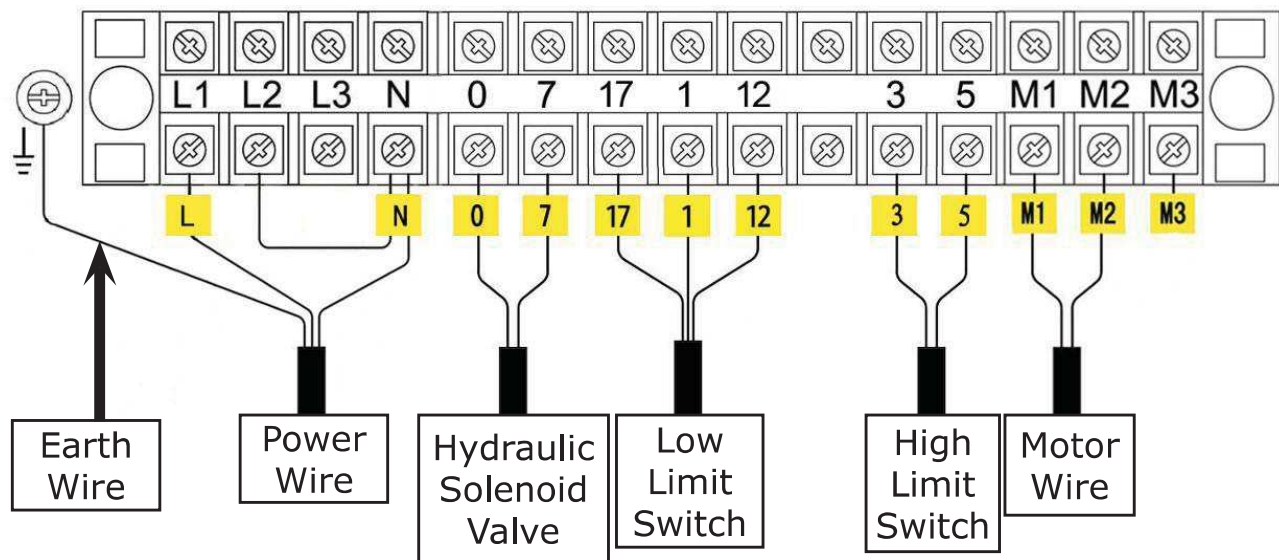


Fig. 21

3.2 Circuit Diagram (See Fig. 22).

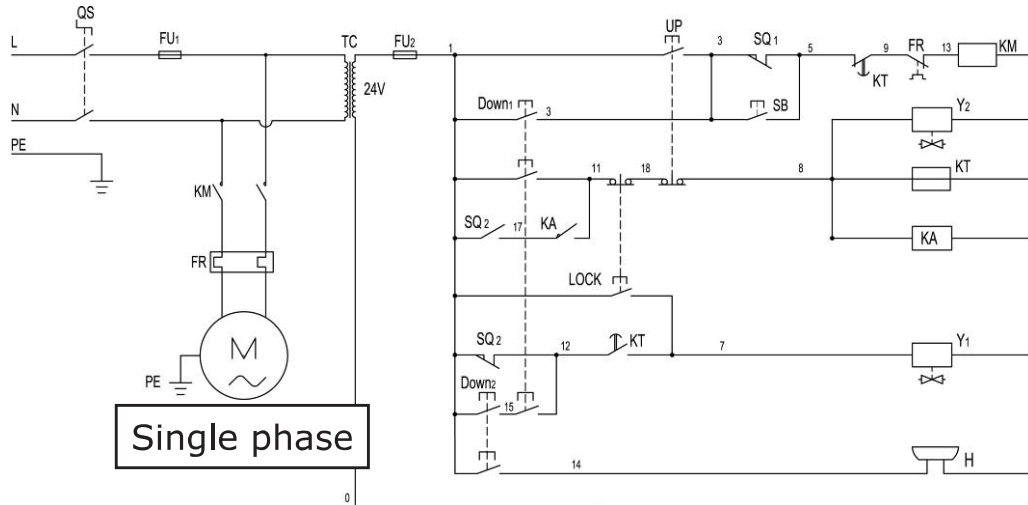


Fig. 22

Electric Component

Item	Name	Code	Specification	Item	Name	Code	Specification
1	Power switch	QS	380V AC	10	Push button	UP	Duplex
2	Fuse	FU1	25A	11	Push button	LOCK	Duplex
3	Fuse	FU2	3A	12	Push button	Down1	Triple
4	AC contactor	KM	24V AC	13	Push button	Down2	Duplex
5	Thermal relay	FR	12A-18A	14	Motor	M	Single phase
6	Time relay	KT	24V AC	15	Buzzer	H	24VAC
7	Limit Switch	SQ _(1~2)	10A	16	Transformer	TC	24V AC
8	Hydraulic solenoid valve	Y1	24V AC	17	Intermediate relay	KA	24VAC
9	Air solenoid valve	Y2	AC 24V	18	Red button	SB	2A

E. Level two platforms and install anchor bolts.

1. Check by level bar and use the shim to adjust the platforms until two platforms are in the same level (**See Fig. 23**).

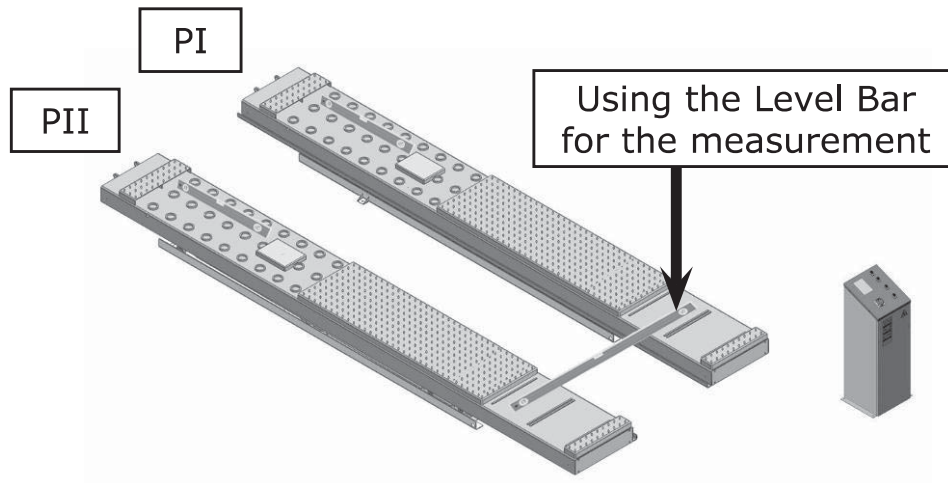


Fig. 23

2. Install anchor bolts.

- 2.1 Raise the lift to 1000mm then drill holes to install the anchor bolts (**See Fig. 24**).

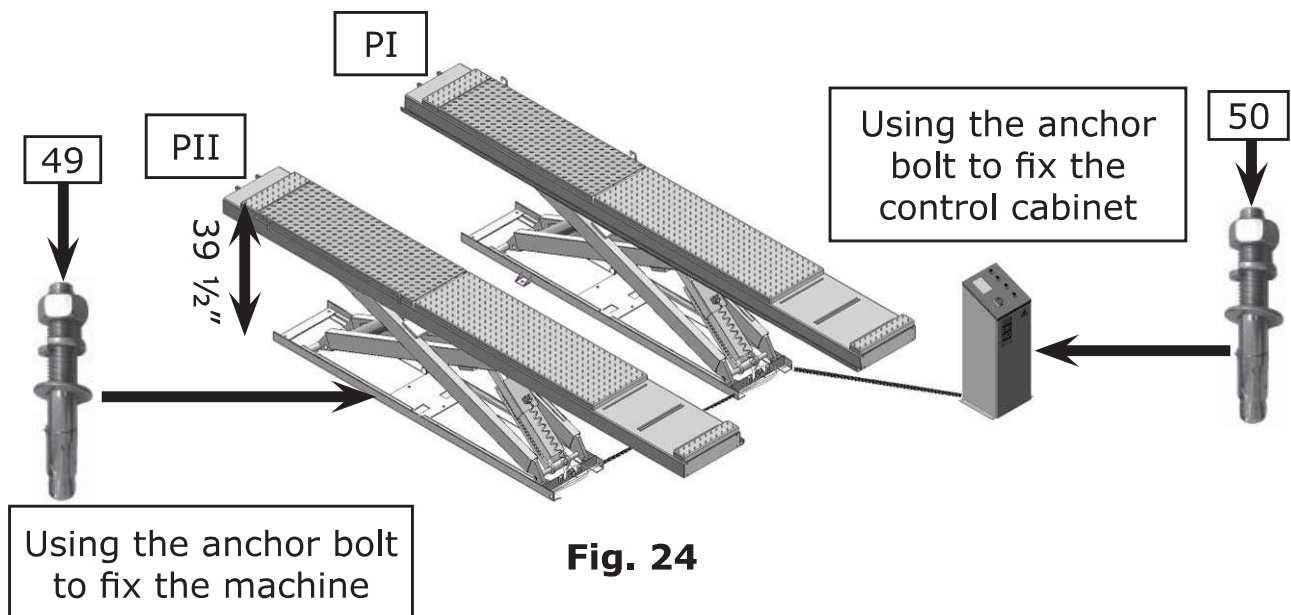


Fig. 24

- 2.2 Fix the anchor bolts. Drilling the hole for the anchor bolt with the rotary hammer drill, type the anchor bolt into the ground, and then fasten it with ratchet spanner (**See Fig. 25**). **Note: The torque of anchor bolt is 86 foot pounds, the length inside ground of anchor bolt must be over 90mm.**

For the lifts: use $\Phi 19$ driller to drill hole

For the control cabinet: use $\Phi 10$ driller to drill hole

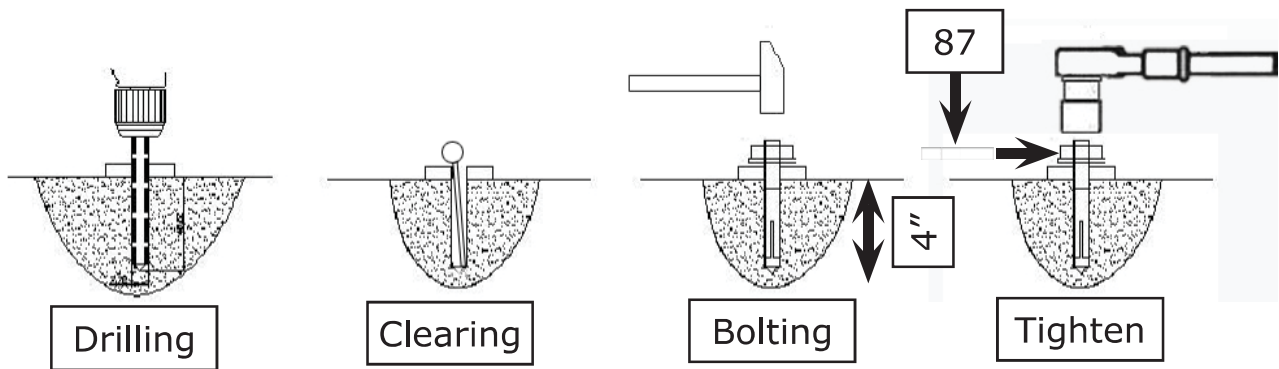


Fig. 25

F. Install runway connecting bar (See Fig. 26)

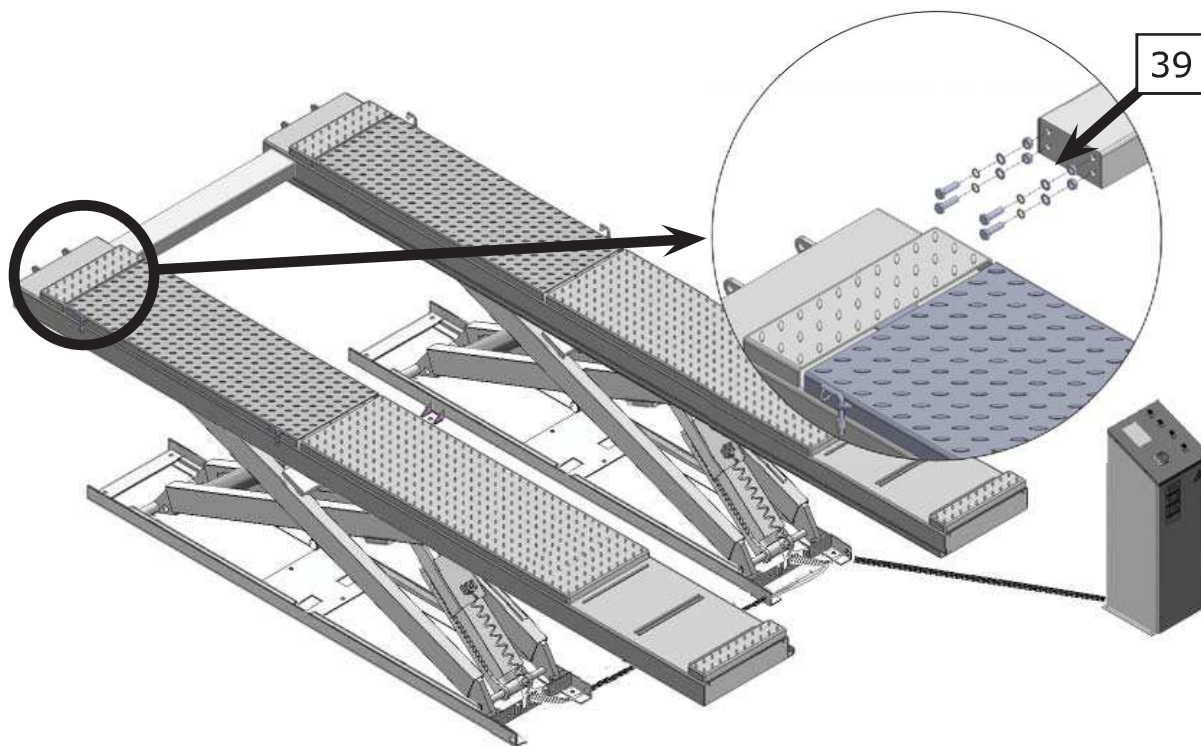
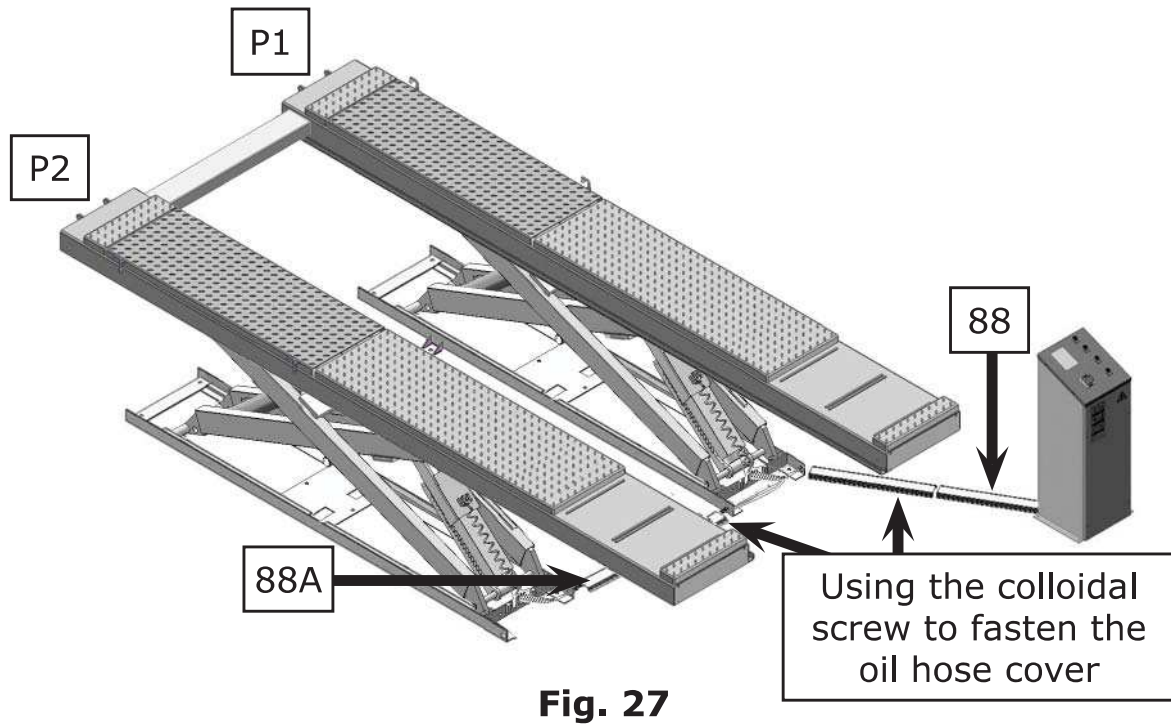


Fig. 26

G. Install oil hose cover for on surface installation.

1. Tidy up the oil hose and air line, cover the oil hose cover (**See Fig. 27**).



2. Install the oil hose cover (**See Fig. 28**).

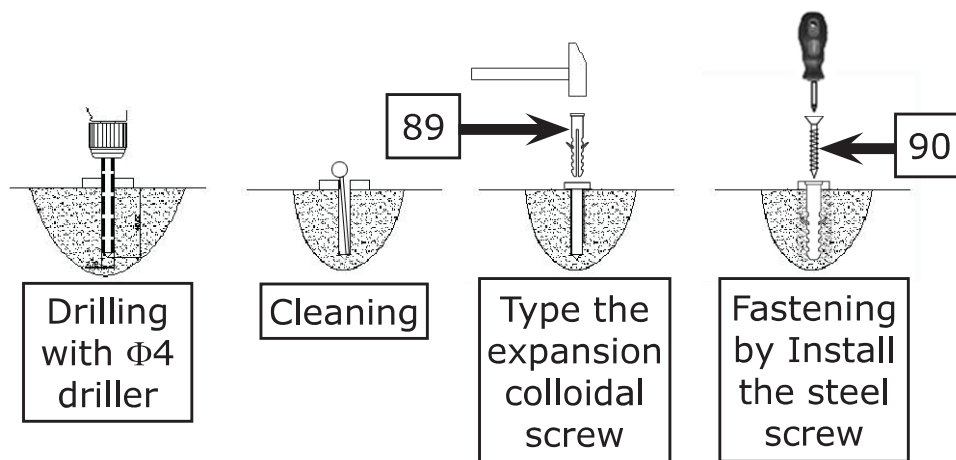


Fig. 28

H. Install air line kits for SLA-16 (See fig. 29)

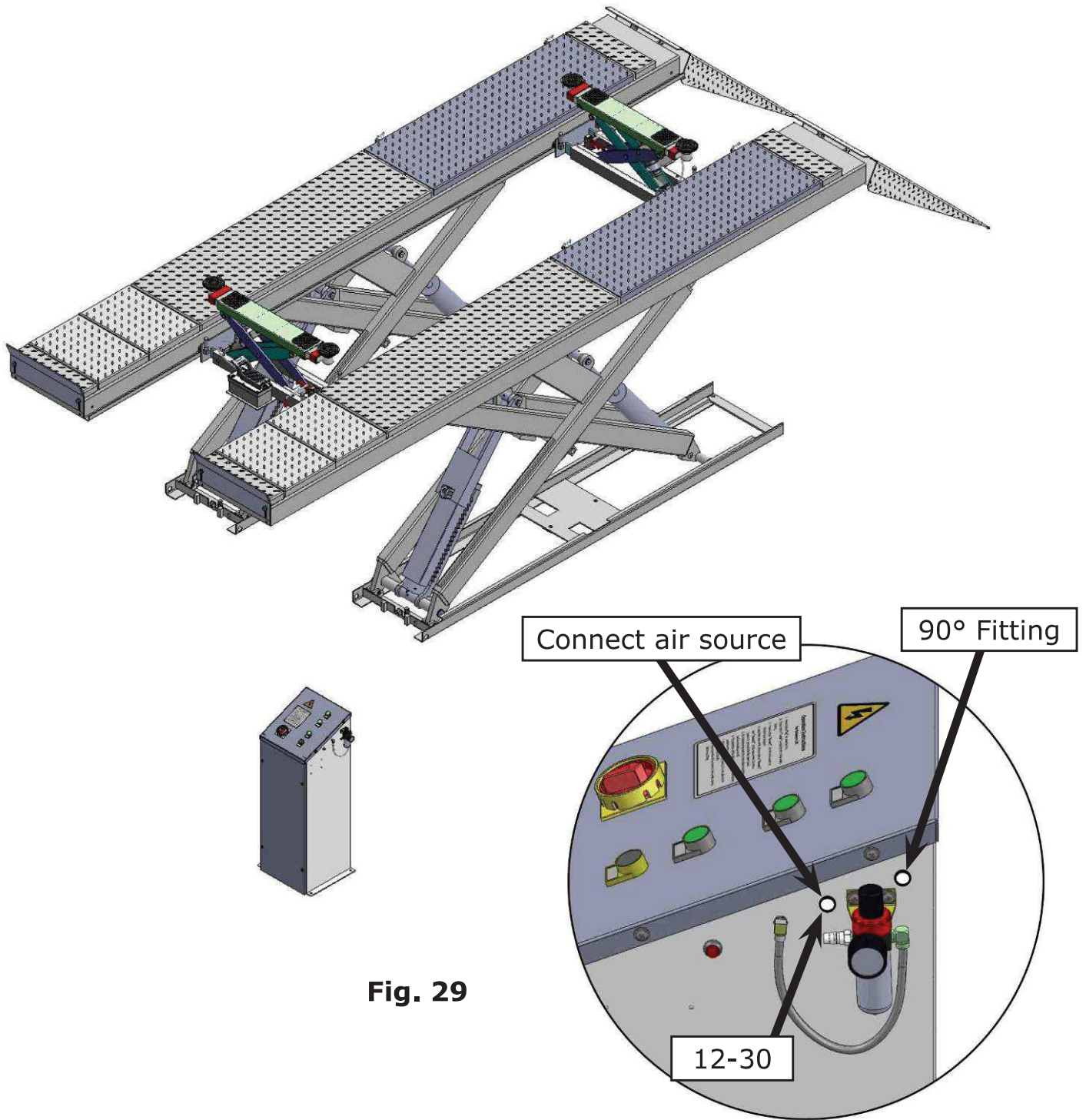


Fig. 29

a. Connect air line kits

1. Connect the air line fittings with $\varnothing 8 \times \varnothing 6$ black air line (length of air line can be cut accordingly).

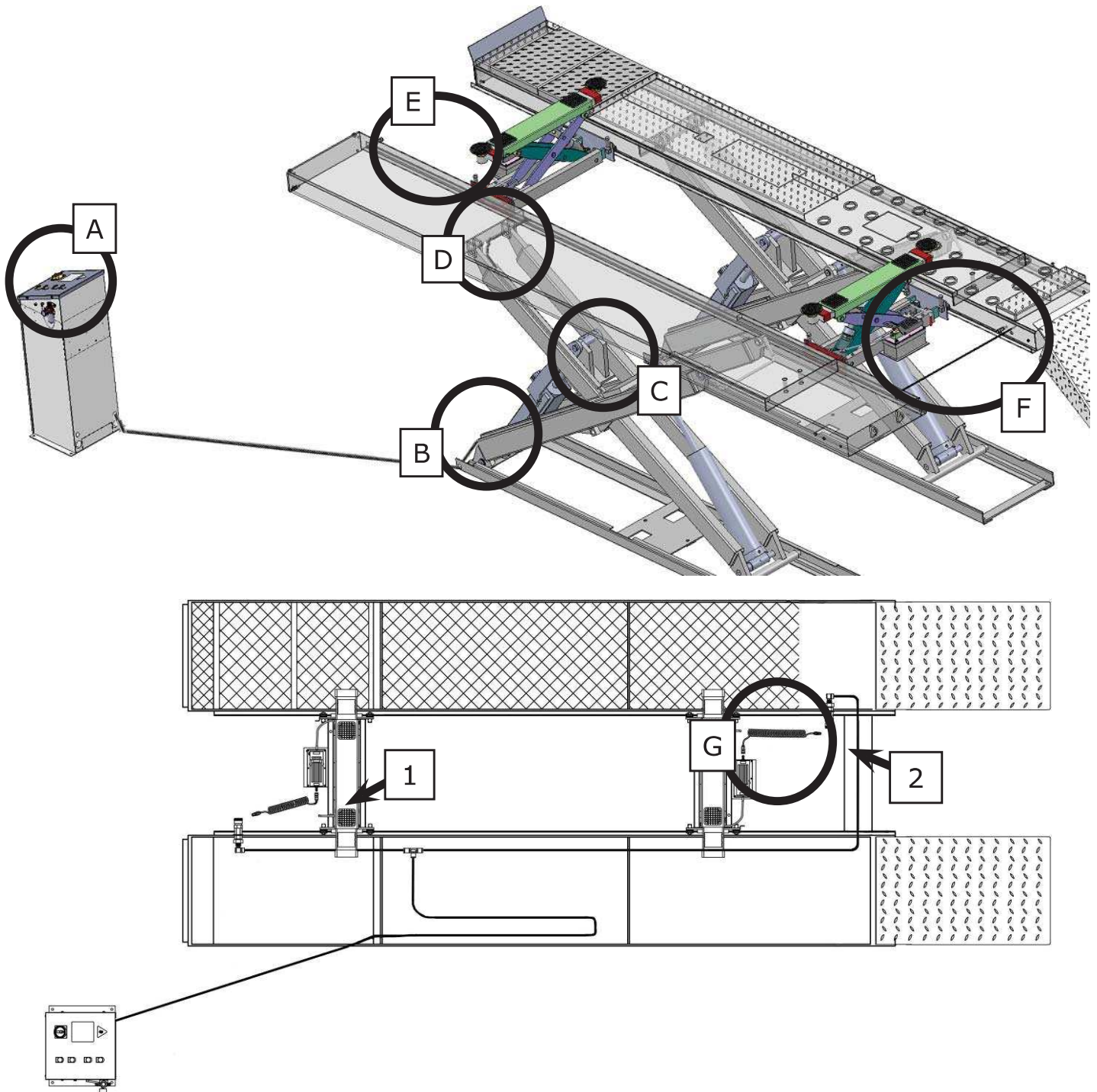
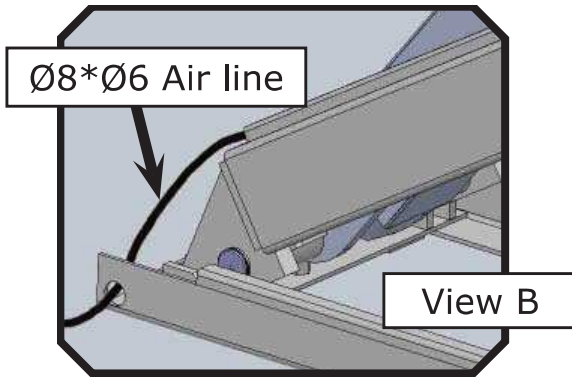
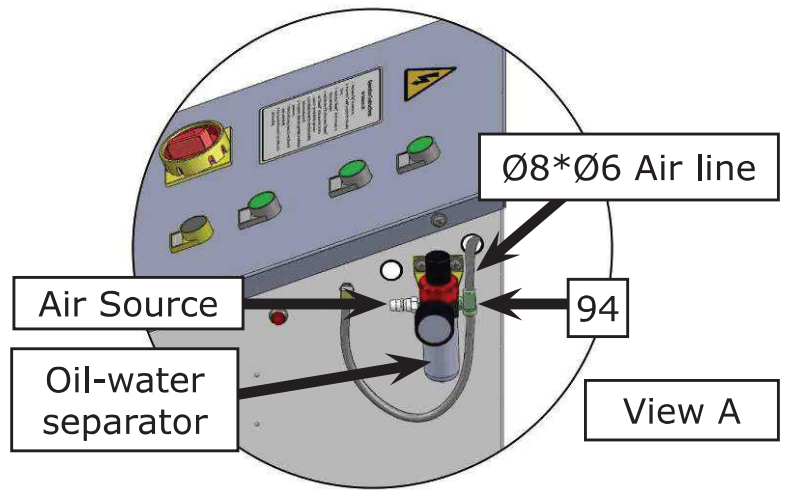
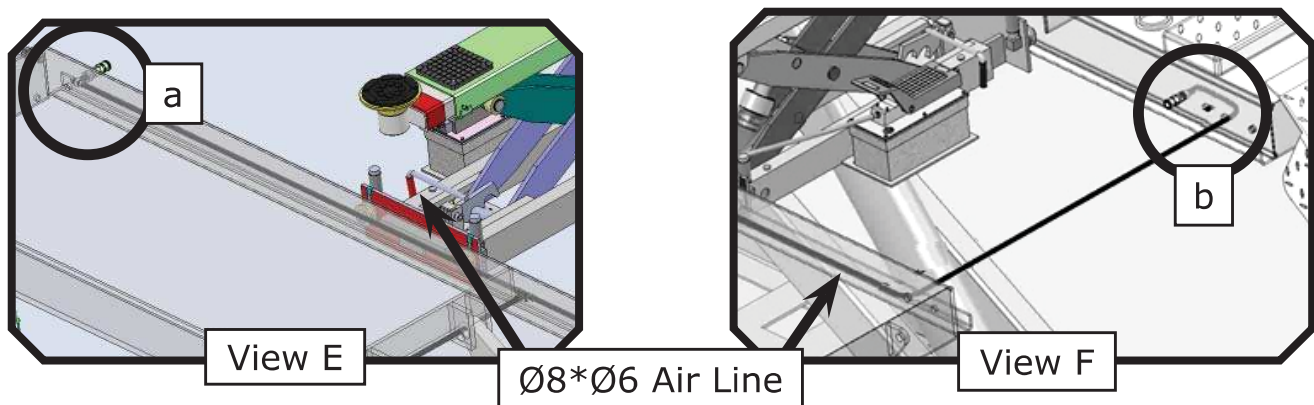
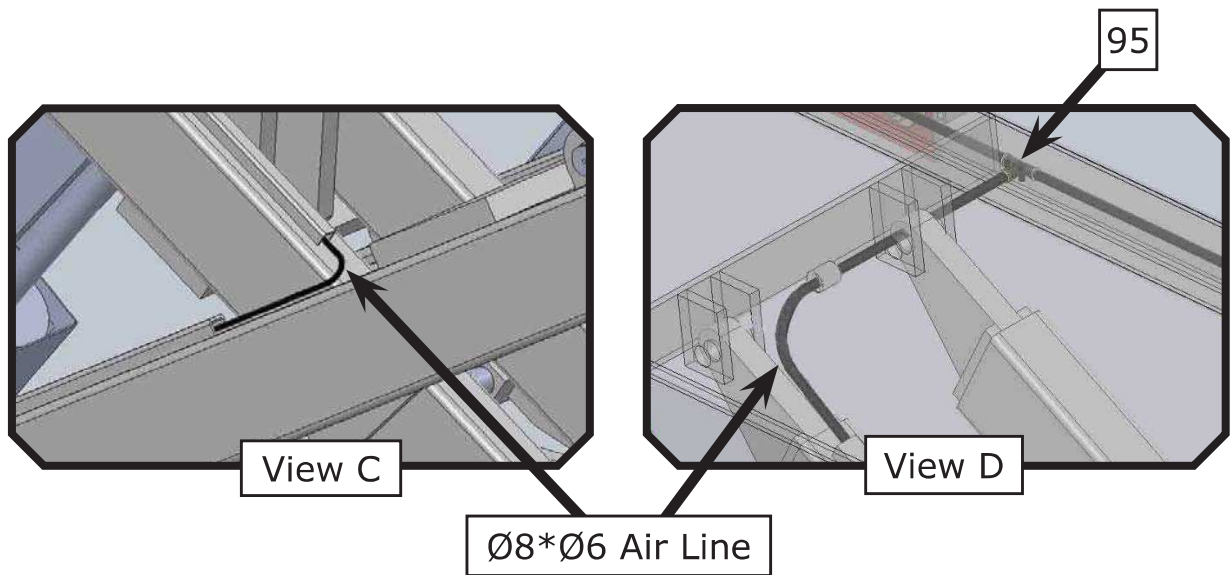


Fig. 30

- First replace the 90° air line fitting on the oil-water separator by the T fitting; Then pass the $\text{Ø}8*\text{Ø}6$ black air line through control cabinet and connect it to the upper end of T fitting.

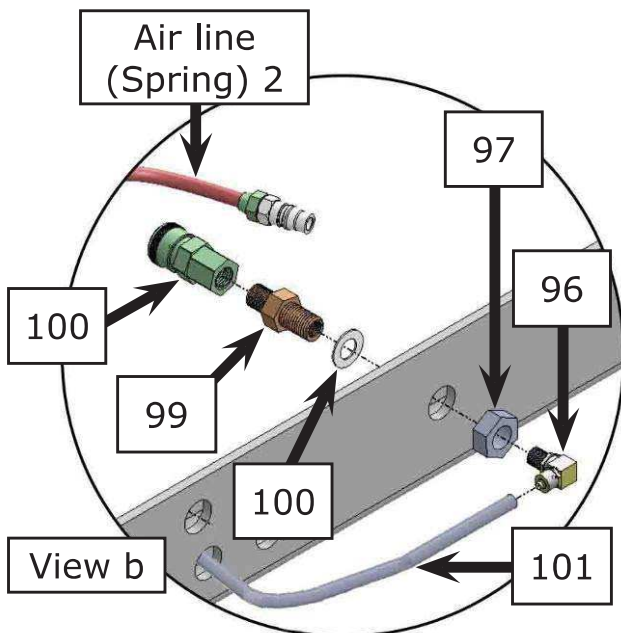
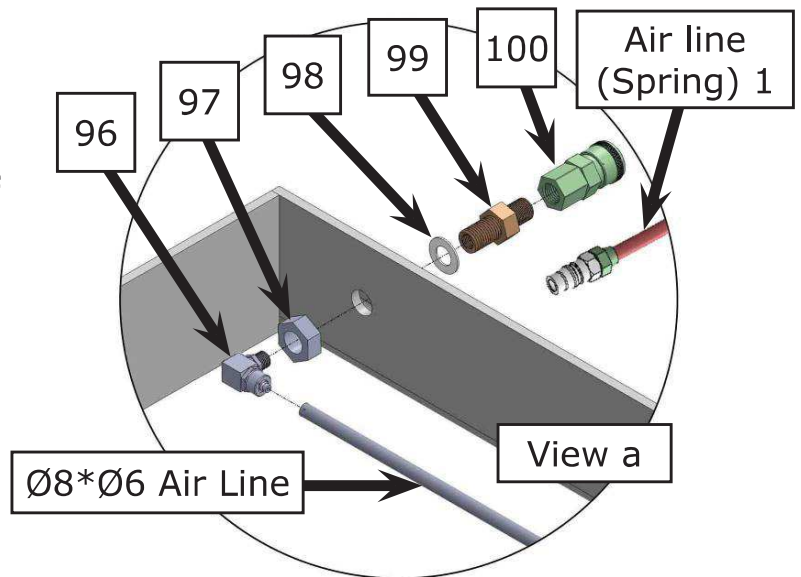


- Pass the $\text{Ø}8*\text{Ø}6$ black air line through the hole of base and oil hose fixing slot on the outer scissors.



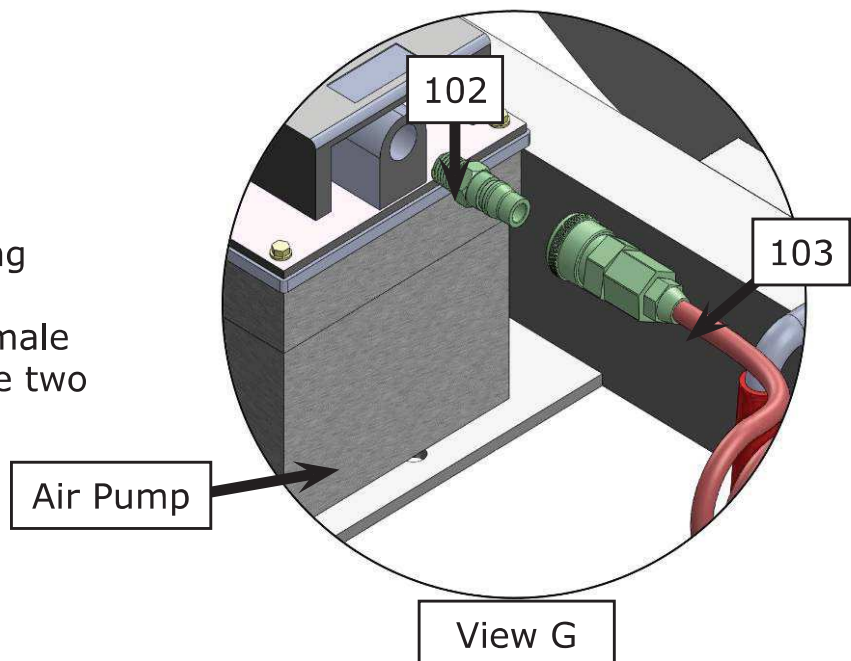
4. Divide the air into two lines by T- fitting, and connect the jack separately.

5. Install the C shape female fitting and connect it with male fitting of the spring air line 1



6. Install the C shape female fitting and connect it with the male fitting of the spring air line 2

7. Connect the female fitting of spring air line 1 and 2, separately to the quick male fitting on air pump of the two jacks.



b. Connect the air line, and operate the jack.

Exploded View

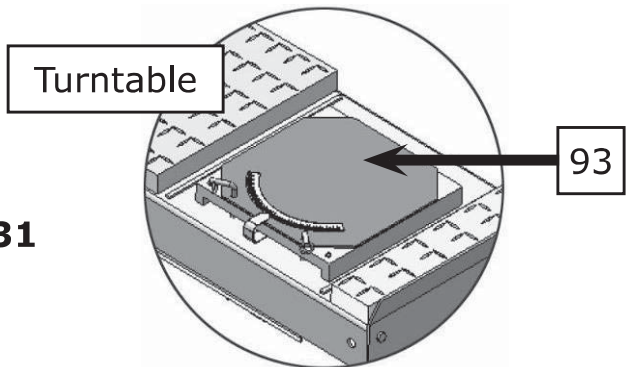
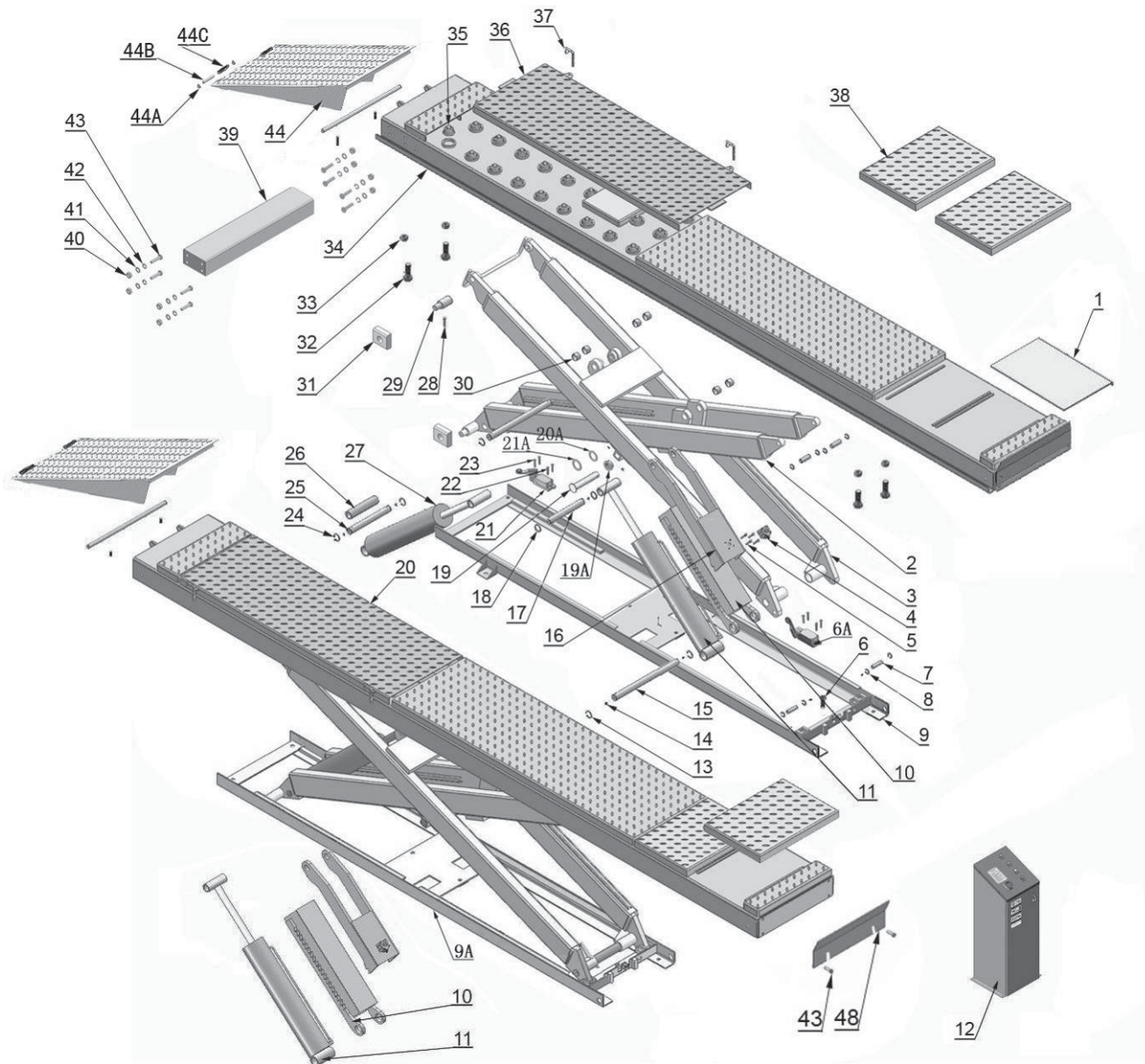


Fig. 31

Cylinders

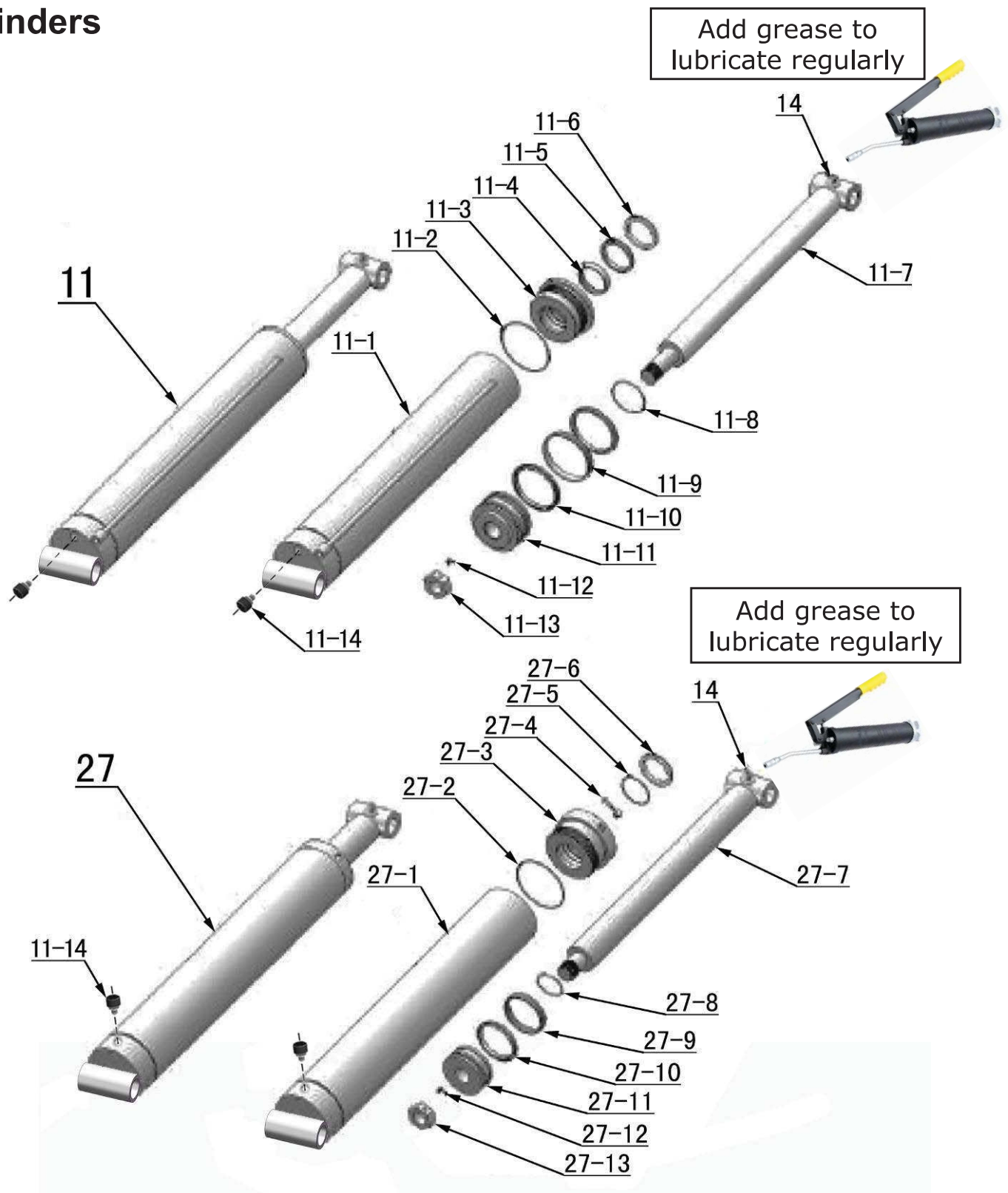


Fig. 32

Control Cabinet

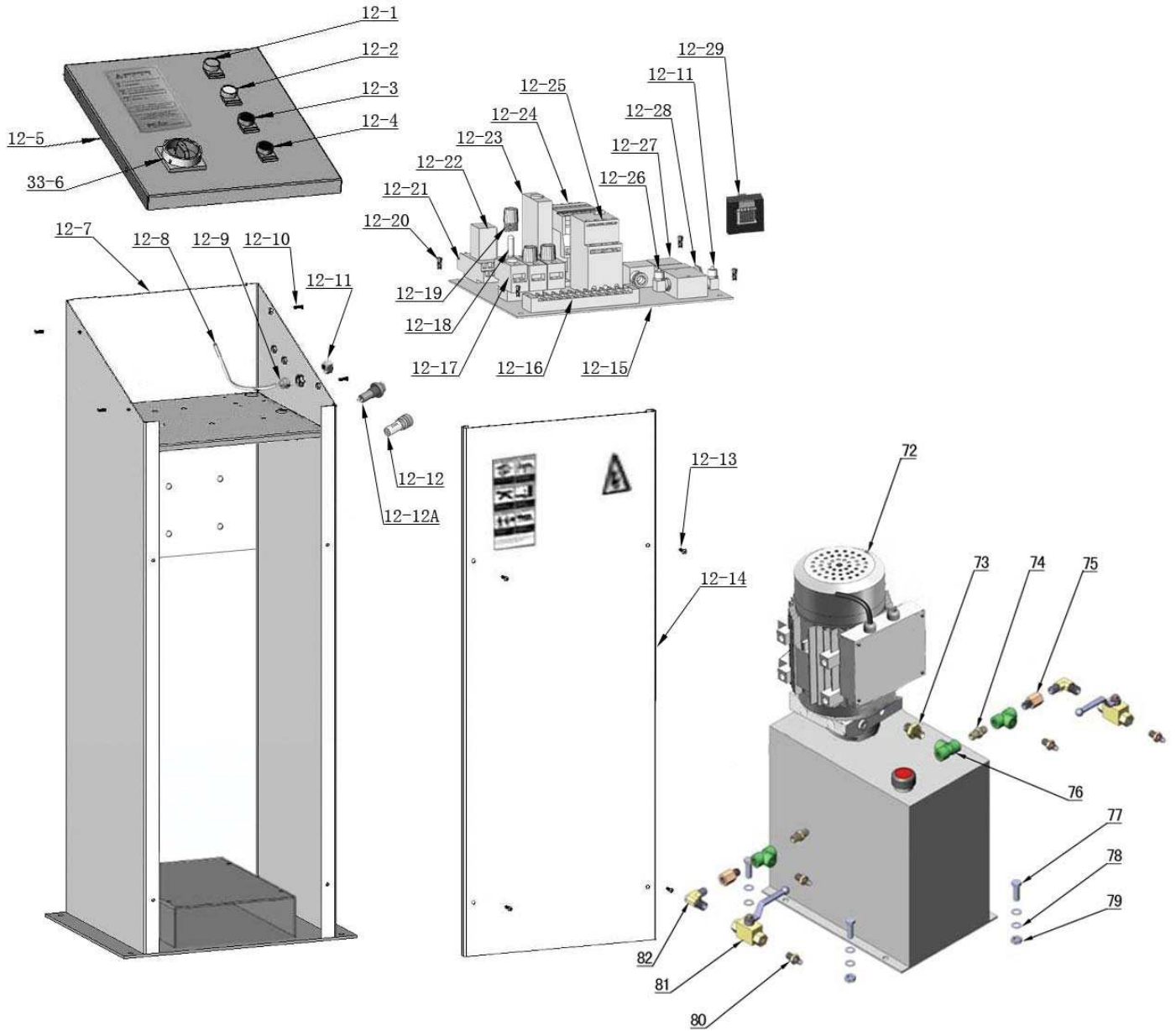
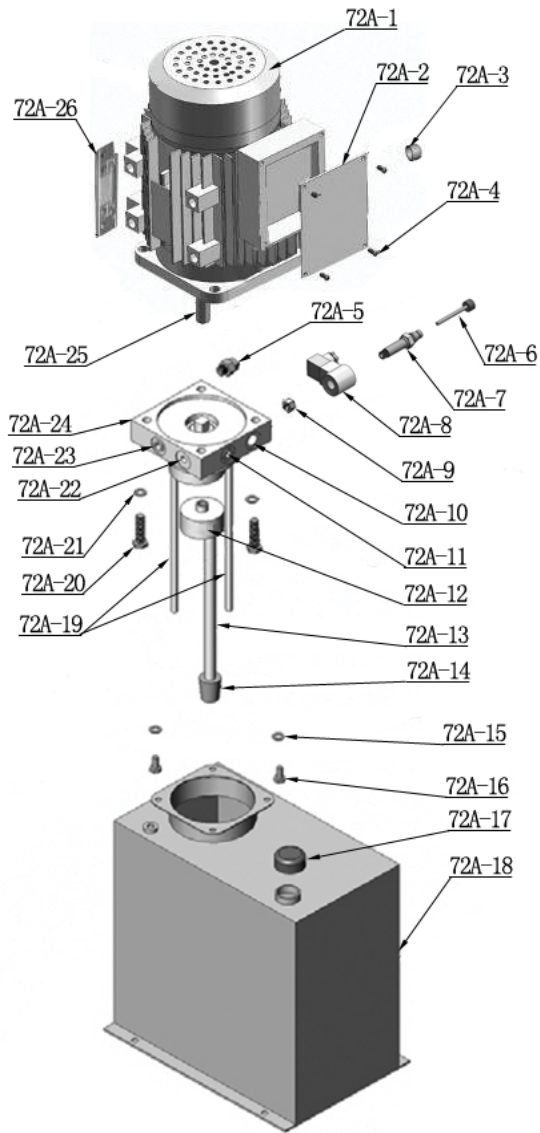


Fig. 33

Atlas Electric Power Unit

220V/50HZ/1Phase



380V/50HZ/3 Phase

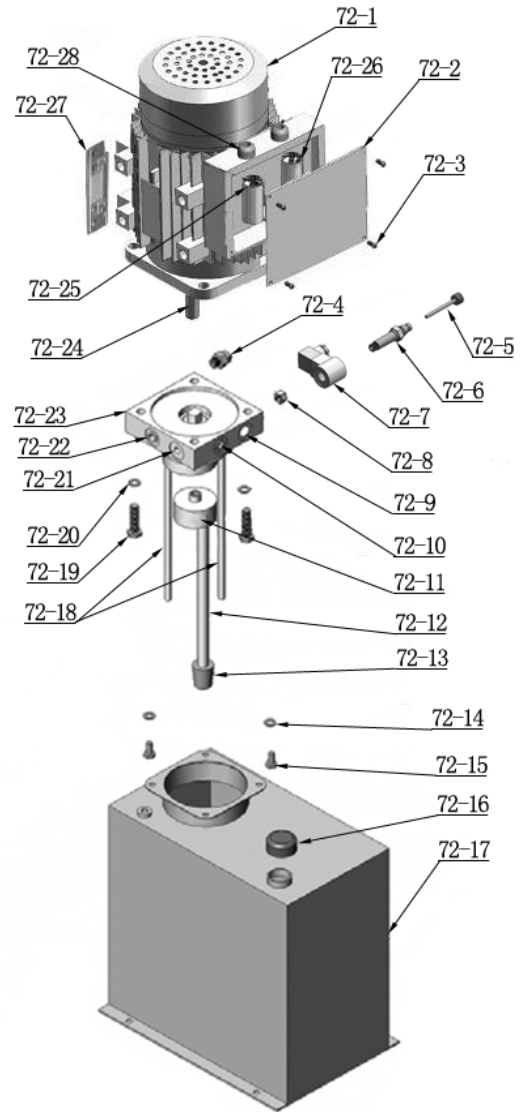


Fig. 34

Test Run

1. Fill oil adjustment

- a. Turn on the power after connecting oil system correctly. Press the **Up** button, and check the rotated direction of the motor (This is right if lift is upward, otherwise, it is wrong direction of the motor). Shut off power and exchange the phase connection if the direction is wrong.
- b. Fill the reservoir with hydraulic oil. In consideration of power unit's durability and keep the equipment running in the perfect condition, **please use Hydraulic Oil 46#**.
- c. Lower the platforms to the lowest position.

2. Synchronous adjustment

- a. Turn the handles of the shutoff valves to the position as **Fig. 36** (Normal working position), press the **UP** button until the both platforms up to the position that the high limit switch stop the lifting, at this time, press the **UP** button and the red button (**See Fig. 35**) beside the oil water separator together to raise the lift to the highest position

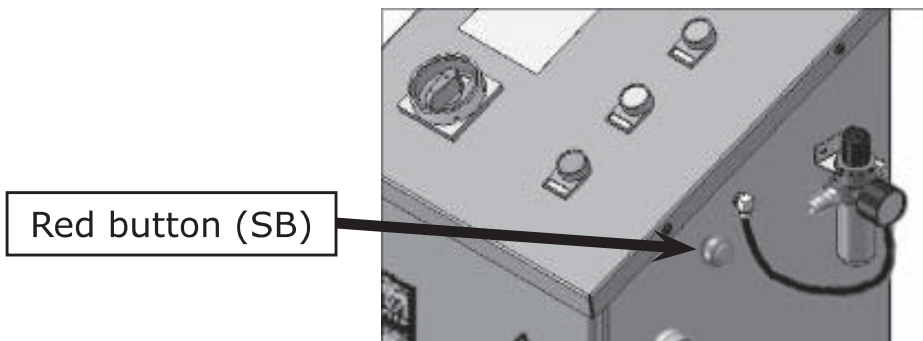
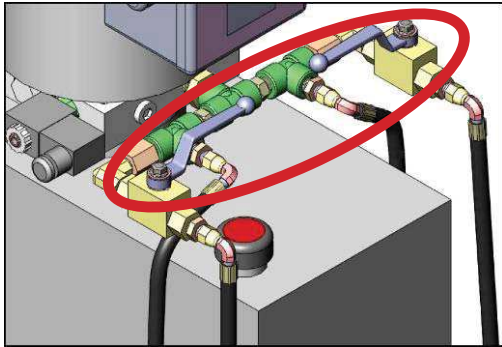
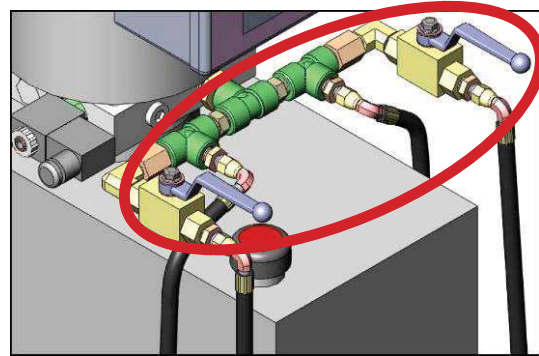


Fig. 35

- b. Turn the handles of the both shutoff valves to the oil filling position show as **Fig. 37**



Normal Working Position
Fig. 36



Oil Filling Position
Fig. 37

- c. Press the **UP** button and the Red Button beside the oil-water separator as **Fig. 35** to fill the oil into both secondly cylinders until it is full (to the highest position).
- d. Turn the both handle of the shutoff valves to normal working position (**See Fig. 36**), press the button **Down 1**, the lift start to be lowered (If the lift can't be lowed down, turning the handle lever of one valve to oil filling position shown as **Fig. 37**, then quickly turn the handle lever to normal working position, and adjusting another valve with the same way), then the lift can be lowered. Lower the lift to the lowest position.
- e. Repeat the above procedure **a** to **d** more times, bleeding the air in the cylinder then the lift would be synchronous worked.
3. Test run

Check the height limit switch, the hose and fitting connection, and do test run. The lift must be tested run and checked carefully before in use.

Operation Instructions

To lift vehicle

1. Keep clear of site near the lift, and down the lift to the lowest position.
2. Drive vehicle to the platform and put on the brake.
3. Turn on the power and press the button **UP**, raise the lift to the working position.

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

4. Press the button **Lock**, lock the lift in the safe position. Make sure the safety is locked in the same height.

To lower vehicle

1. Be sure clear of around and under the lift, only leaving operator in lift area.
2. Press the button Down1, until the lift low down to 600mm from ground, the lift stop by the low limit switch, then press Down1 and Down2 in the same time, lift goes on running down with warning alarm.
3. Drive away the vehicle when the lift is lowered to the lowest position.
4. Turn off the power.

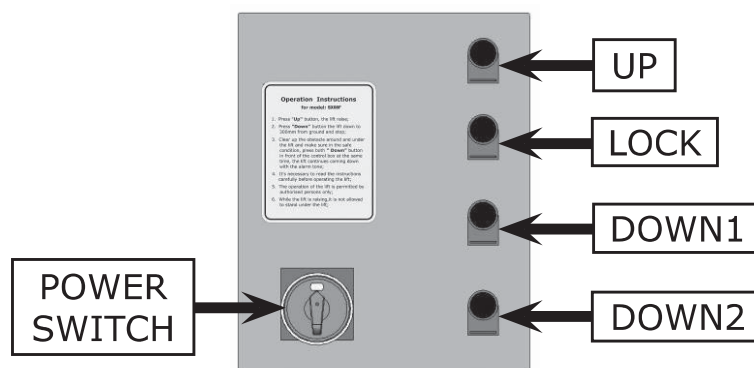


Fig. 38

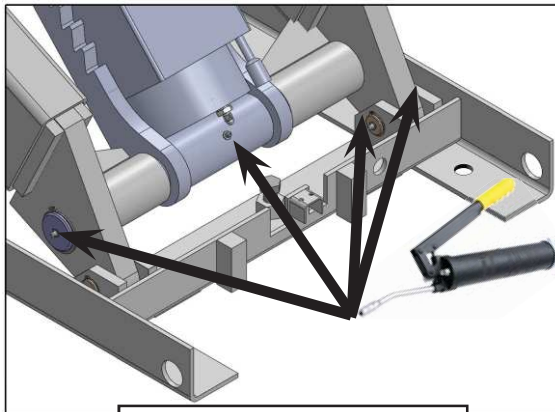
Maintenance Schedule

Monthly:

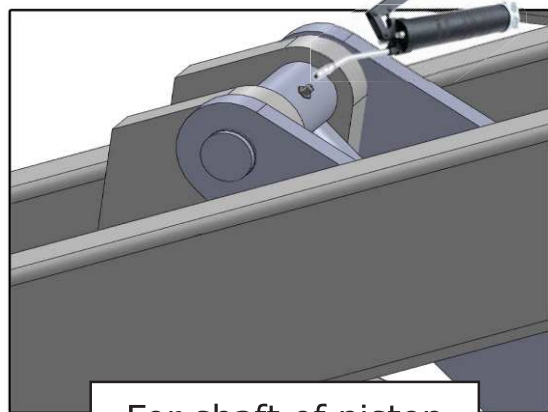
1. Re-torque the anchor bolts to 86 foot pounds.
2. Check all fittings, bolts and pins to insure proper mounting.

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.

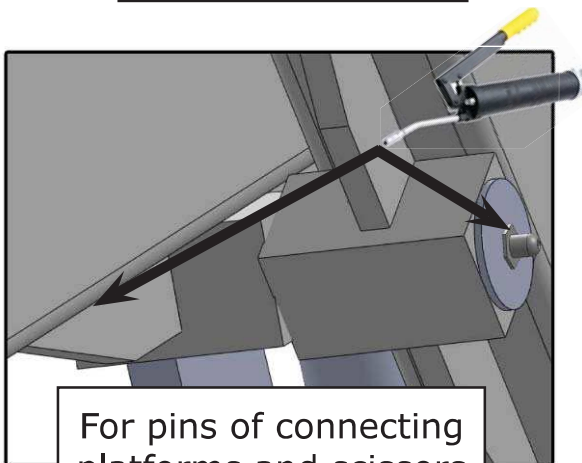
3. Make a visual inspection of all hydraulic hoses/lines for possible wear or leakage.
4. Adjusting the lifting level on both platforms.
5. Lubricate all moving parts with lubricant (**See Fig. 37-42**).



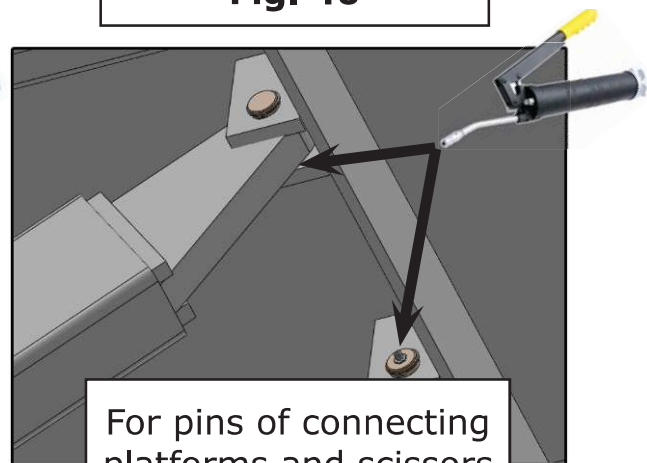
For Main Cylinder
Fig. 39



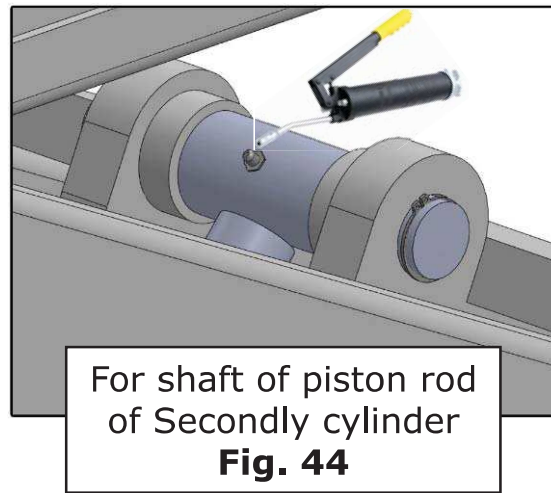
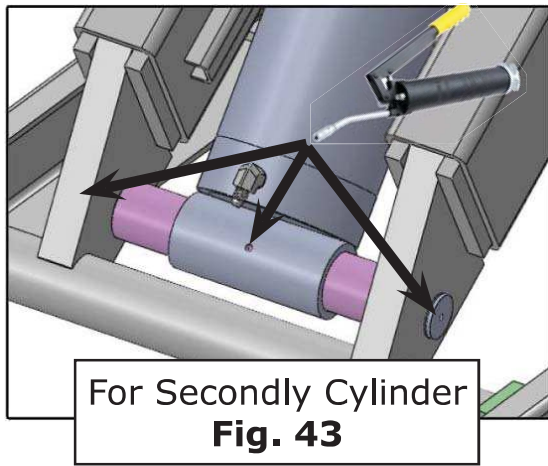
For shaft of piston
rod of Main cylinder
Fig. 40



For pins of connecting
platforms and scissors
Fig. 41



For pins of connecting
platforms and scissors
Fig. 42



Every six months:

1. Make a visual inspection of all moving parts for possible wear, interference or damage.
2. Check and adjust the platform as necessary to insure level lifting.
3. Check all fastener and re-torque.

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. AC contactor burned out 4. Motor burned out 	<ol style="list-style-type: none"> 1. Replace button 2. Repair all wiring connection 3. Replace AC contactor 4. Repair or replace motor
Motor runs but the lift is not raised	<ol style="list-style-type: none"> 1. Motor runs in reverse rotation 2. Low oil level 3. The Gear Pump out of operation 4. Relief valve or check valve in damage 5. Hydraulic Solenoid valve out of operation 	<ol style="list-style-type: none"> 1. Reverse two power wire 2. Fill tank 3. Repair or replace 4. Repair or replace 5. Repair or Replace
Lift does not stay up	<ol style="list-style-type: none"> 1. Hydraulic Solenoid valve out of operation 2. Relief valve or check valve leakage 3. Cylinder or fittings leaks 	Repair or replace
Lift raised slowly	<ol style="list-style-type: none"> 1. Oil line is jammed 2. Gear Pump leaks 3. Overload lifting 4. Power Voltage low 5. Oil mixed with air 	<ol style="list-style-type: none"> 1. Clean the oil line 2. Repair or Replace 3. Check load 4. Check electrical system 5. Fill tank and bleeding air
Lift can not lower	<ol style="list-style-type: none"> 1. Hydraulic Solenoid valve out of operation 2. Air Solenoid Valve out of operation 3. Air cylinder in damage 4. Low Air pressure 	<ol style="list-style-type: none"> 1. Repair or replace the Valve 2. Repair or replace the Valve 3. Repair or replace 4. Check the air line

SLA-16 Parts List

Item	Part#	Description	QTY	Note
1	520003	Shelf	2	
2	530002A	Inner Scissors	2	
3	530003A	Outer Scissors	2	
4	520011	Air Cylinder	2	
5	420153	Cup Head Bolt	8	
6	520096	Hex Bolt	2	
6A	206013A/ 530010	Limit switch assembly	1	
7	520013A	Connecting Pin	8	
8	206032	Snap Ring	16	
9	520015C	Baseframe	1	
9A	520015D	Baseframe	1	
10	520038B	Main Safety Lock Tube	2	
11	520028B	Main Cylinder	2	
12	520102B	Control Cabinet	1	
13	520020	Snap Ring	4	
14	620064	Grease Fitting	32	
15	520018A	Connecting Shaft For Main Cylinder	2	
16	520021A	Safety Lock	2	
17	610005A	Connecting pin for Main Cylinder	4	
18	610098	Snap Ring	8	
19	520024A	Connecting Pin For Scissors	4	
19A	610019	Self nut	4	
20	570002	Offside Platform	1	

Item	Part#	Description	QTY	Note
20A	610108	Washer	4	
21	206013A/ 510007	Limit Switch Assembly	1	
21A	530023	Washer	4	
22	620109	Cup Head Bolt	4	
23	420164	Cup Head Bolt	4	
24	520023	Snap Ring	4	
25	560026A	Connecting Shaft For Secondly Cylinder	2	
26	560027	Piston Connecting Tube	2	
27	520017B	Secondly Cylinder	2	
28	520029	Socket Set- screw	4	
29	520032A	Pin For Pulley	4	
30	530042	Bronze Bush	12	
31	530012	Slider	8	
32	510028	Hex Bolt	8	
33	420175A	Hex Nut	8	
34	570001	Powerside Platform	1	
35	420157	Steel Ball	64	
36	570003	Rear Slip Plate	2	
37	520037	Pin for Rear Slip Plate	4	
38	560003	Plate for Adjustable Turnplate	4	
39	570004	Runway Connecting Bar	1	
40	206023A	Hex Nut	8	
41	420026	Lock Washer	8	
42	206006	Washer	8	
43	420136	Hex Bolt	12	
44	520005A	Drive-in Ramp(On surface/Flush mount)	2/0	
44A	209010	Snap ring	8	

Item	Part#	Description	QTY	Note
44B	620043	Roller pin for drive-in ramp	4	
44C	620063	Roller for drive-in ramp	4	
45	510006	Pin For Drive-in Ramp	2	
46	201005	Split Pin	4	
47	510018	Guild Ramp (On surface/Flush mount)	0/2	
48	520004A	Tire Stop Plate	2	
49	209059	Anchor Bolt	14	
50	620071	Anchor Bolt	4	
51	420047	Quick Fitting for Air Cylinder	2	
52	520065	Spring Air Line	2	
53	570010	Air Line (Black)	1	
54	420124	T-fitting	1	
55	520069	90° Quick fitting for air line	1	
56	209062	T-Fitting	2	
57	570007	Oil Hose No.1	1	
58	570009	Oil Hose No.2	1	
59	570009	Oil Hose No.3	1	
60	570007	Oil Hose No.6	1	
61	570008	Oil Hose No.5	1	
62	570008	Oil Hose No.4	1	
63	510023	Straight Fitting	2	
64	520101	Protective Plastic Hose	2	
65	630103	Straight Fitting	2	
66	520071	Straight Fitting	2	
67	420076	90° Fitting For Air Line	1	
68	420145	Oil-water Separator	1	
69	420146	Straight Fitting for air line	1	
70	680005	Cup Head Bolt	4	

Item	Part#	Description	QTY	Note
71	420097	90° Fitting	2	
71A	510024	Fitting	2	
72	550003	Power unit	1	
73	440009	Straight Fitting for power unit	1	
74	206062	Straight Fitting	2	
75	630103	Straight Fitting	2	
76	61K107	T- Fitting	3	
77	61K050	Hex Bolt	4	
78	209033	Washer	8	
79	209005	Nylok Nut	4	
81	61K101	Shutoff Valve	2	
82	680072	90° Fitting	2	
83	420018	Nylok Nut	2	
84	610099	Cup Head Bolt	3	
85	610101	Washer	3	
86	610097	Hex Nut	3	
87	620065	Shim	20	
87A	201090	Shim	20	
88	510005	Oil Hose Cover	2	
88A	570005	Oil Hose Cover	1	
89	620070	Colloidal	12	
90	620069	Wood Screw	12	
91	570500	Parts box (On surface installation)	1	
92	570501	Parts box (On flush mount installation)	1	
93	420158	Turnplate (optional)	4	

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Parts For Airline kits (optional)

Item	Part#	Description	QTY	Note
94	420213	T-fitting	1	
95	540007	T-fitting	1	
96	61K094	90 degree Fitting	2	
97	61K092	Hex nut	2	
98	430010	φ14 washer	2	
99	61K091	Fitting for Air line	2	
100	61K090	C Quick female fitting	2	
101	540006	φ8*φ6*16000mm Air line	1	
102	420146	Quick male fitting	2	
103	520065A	Spring air line	2	

Parts For Main Cylinder

Item	Part#	Description	QTY	Note
11-1	510008B	Main Cylinder	1	
11-2	520053	O- Ring	1	
11-3	520043	Head Cap (Main)	1	
11-4	520052	Support Ring	1	
11-5	520051	Y- Ring	1	
11-6	520050	Dust Ring	1	
11-7	510009B	Piston Rod (Main)	1	
11-8	520054	O- Ring	1	
11-9	520056	Support Ring	1	
11-10	520055	Y- Ring	2	
11-11	520045	Piston (Main)	1	
11-12	520049	Set Screw	1	
11-13	520047	Hex Nut	1	
11-14	530009	Burst valve	4	

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Parts For Secondly Cylinder

Item	Part#	Description	QTY	Note
27-1	510010B	Secondly Cylinder	1	
27-2	520060	O- Ring	1	
27-3	520044	Head Cap (Secondly)	1	
27-4	201034	Bleeding Plug	2	
27-5	520058	O- Ring	1	
27-6	217078	Dust Ring	1	
27-7	510011B	Piston Rod (Secondly)	1	
27-8	520061	O- Ring	1	
27-9	520062	Support Ring	1	
27-10	520063	Y- Ring	1	
27-11	520046	Piston (Secondly)	1	
27-12	520049	Set Screw	1	
27-13	520048	Hex Nut	1	

Parts For Control Cabinet

Item	Part#	Description	QTY	Note
12-9	61K110	Straight Fitting	1	
12-10	209145	Cup Head Bolt	4	
12-11	420076	90° Fitting	2	
12-12	420143	Buzzer	1	
12-12A	650017	Red button	1	
12-13	52K056	Cup Head Bolt	4	
12-14	52K022	Cabinet Door	1	
12-15	52K006A	Install panel	1	
12-16	620082	Termanal	1	
12-17	420087	Fuse base	3	
12-18	420086	Fuse(FU)	3	
12-19	420085	Fuse Cap	3	
12-20	61K052	Cup head bolt	19	

Item	Part#	Description	QTY	Note
12-21	420135	Timer Relay Base	2	
12-22	420141	Intermediate Relay(KA)	1	
12-23	420083	Timer Relay(KT)	1	
12-24	420084A	AC Contactor (KM)	1	
12-25	440034	Thermal Relay(FR)	1	
12-26	420166	90° Fitting	1	
12-27	420077	Air Solenoid Valve(Y2)	1	
12-28	201034	Bleeding plug	1	
12-29	420134	Transformer (TC)	1	
12-30	540008	Protect ring	2	

Parts For Atlas Electric Power Unit 220V/50HZ/1 Phase

Item	Part#	Description	QTY	Note
72-1	440014B	Motor	1	
72-2	440030	Cover of Motor Terminal Box	1	
72-3	680005	Cup Head Bolt	4	
72-4	420070A	Check Valve	1	
72-5	209117A	Release Valve Adjusting Rod	1	
72-6	209116A	Hydraulic Solenoid Valve Body	1	
72-7	209115A	Hydraulic Solenoid Valve Coil	1	
72-8	209162A	Hydraulic Solenoid Valve Nut	1	
72-9	209100A	Oil Outlet	1	
72-10	209110A	Oil Return Port	1	
72-11	209106A	Gear Pump	1	
72-12	440034	Inlet Pipe	1	
72-13	209090A	Filter	1	
72-14	440035	Washer	4	
72-15	440021	Hex Bolt	4	
72-16	440027	Filler Cap	1	
72-17	440032	Reservoir	1	
72-18	440033	Oil Return Pipe	2	

Item	Part#	Description	QTY	Note
72-19	209087A	Socket Bolt	4	
72-20	209086A	Lock Washer	4	
72-21	209113	Throttle Valve	1	
72-22	209085A	Relief Valve	1	
72-23	440031	Valve Body	1	
72-24	209083A	Motor Connecting Shaft	1	
72-25	440016	Running Capacitor	1	
72-26	440015	Star Capacitor	1	
72-27	440018	Motor Fix Frame	2	
72-28	209109	Protecting Ring	2	

Parts For Atlas Electric Power Unit 380V/50HZ/3 Phase

Item	Part#	Description	QTY	Note
72A-1	440028A	Motor	1	
72A-2	440029	Cover of Motor Terminal Box	1	
72A-3	209109	Protect Ring	1	
72A-4	680005	Cup Head Bolt	4	
72A-5	420070A	Check Valve	1	
72A-6	209117A	Release Valve Adjusting Rod	1	
72A-7	209116A	Hydraulic Solenoid Valve Body	1	
72A-8	209115A	Hydraulic Solenoid Valve Coil	1	
72A-9	209162A	Hydraulic Solenoid Valve Nut	1	
72A-10	209100A	Oil Outlet	1	
72A-11	209110A	Oil Return Port	1	
72A-12	440025	Gear Pump	1	
72A-13	440034	Inlet Pipe	1	
72A-14	209090A	Filter	1	
72A-15	440035	Washer	4	
72A-16	440021	Hex Bolt	4	
72A-17	440027	Filler Cap	1	
72A-18	440032	Reservoir	1	

Item	Part#	Description	QTY	Note
72A-19	440033	Oil Return Pipe	2	
72A-20	209087A	Socket Bolt	4	
72A-21	209086A	Lock Washer	4	
72A-22	209113	Throttle Valve	1	
72A-23	209085A	Relief Valve	1	
72A-24	440031	Valve Body	1	
72A-25	209083A	Motor Connecting Shaft	1	
72A-26	440018	Motor Fix Frame	2	

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GRAND PRIX IMPORT

Installation, Operation & Maintenance Manual

ALIGNMENT SCISSOR LIFT

*The specifications stated on this brochure are not binding.
We reserve the right to change the specification without notice*



SLA-16 16,000 LBS.

IMPORTANT:
**Read this manual completely before
installing or operating lift**