Installation and Owner Manual

QL9KCF

9,000 lb clear-floor two-post vehicle lift



Read this manual and all warning labels before installing, operating, or servicing the lift. Keep these instructions available to every operator.

Safety, Warranty, and Contact

Use the lift only for vehicles within its 9,000 lb rated capacity and compatible with its arm reach, pad height, and manufacturer-recommended lifting points. Only trained operators should use the lift.

Keep everyone clear while the lift is moving. Check that all four pads contact the vehicle at the recommended lifting points and that every arm restraint engages. Raise the vehicle slightly and verify stability before continuing.

Lower the raised vehicle onto the mechanical safety locks before performing service. Never work under a vehicle supported only by hydraulic pressure. Keep the overhead shut-off device and all safety mechanisms in working condition.

Inspect the lift before use. Stop operation if you find damaged components, loose anchors, hydraulic leaks, uneven lifting, or a safety device that does not engage correctly. Disconnect power before maintenance or repair.

Warranty: Quick Lift USA automatically provides a two-year warranty on all non-wearable parts. Coverage begins on the date of purchase, regardless of installation or crate-opening date. No registration or activation paperwork is required.

For service and warranty assistance, contact Quick Lift USA at 602-828-0950 or www.quickliftusa.com. Our address is 3380 S. Power Rd. #105, Gilbert, AZ 85234.

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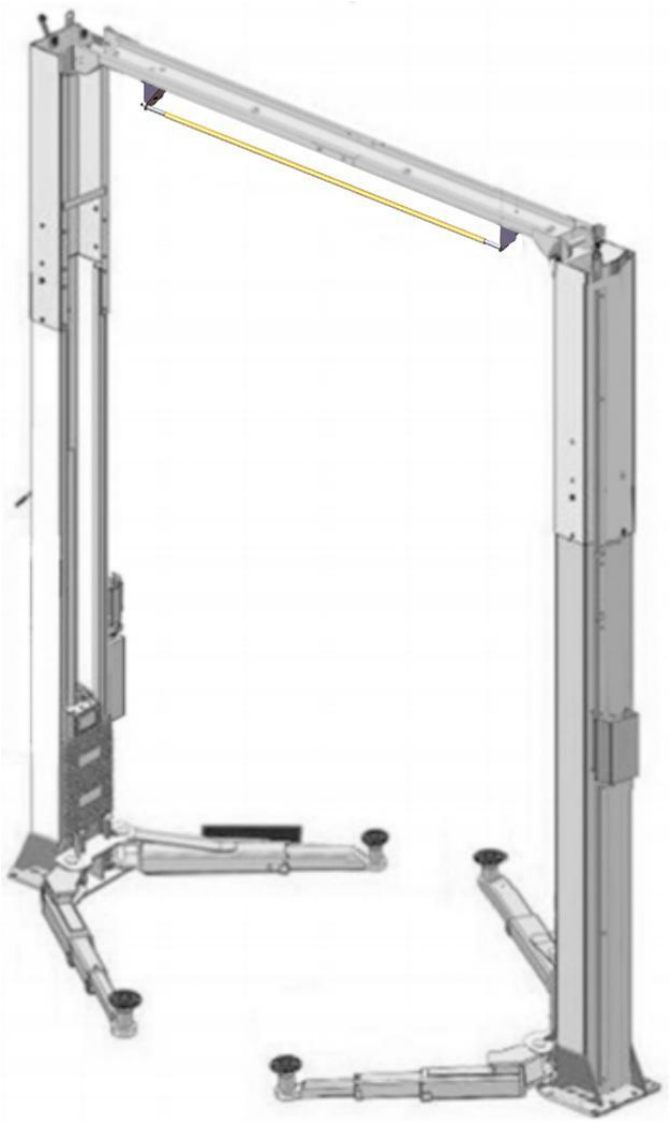
Product Overview

The QL9KCF is a 9,000 lb clear-floor two-post lift designed to keep the floor between the columns open for vehicle access and shop equipment. Its direct-drive hydraulic system reduces the number of wear components.

Dual hydraulic cylinders are pressure-tested and fitted with quality seals. Self-lubricating UHMW polyethylene sliders and bronze bushings help the carriages move smoothly.

Super-asymmetrical arms provide flexibility when positioning a compatible vehicle and improve access to its doors. The included 3 in. extension adapter and adjustable screw pad accommodate different lifting-point heights.

A single-point safety release operates the mechanical locks. An overhead shut-off bar stops upward travel when contacted by the vehicle. Adjustable column heights accommodate the two standard overhead configurations.



Technical Specifications

Lifting and pad heights include the available adjustment range. Select the installed column configuration before planning overhead clearance.

SPECIFICATION	VALUE
Model / capacity	QL9KCF 9,000 lb
Lifting time	57 seconds
Lifting height range	71-7/16 to 80-1/2 in.
Overall height	142-9/16 or 150-7/16 in.
Overall width	134-15/16 in.
Pad height range	3-9/16 to 12-9/16 in.
Motor rating	2 HP
Power supply	220V, single-phase
Drive-through clearance	99.5 in.
Width between columns	112.25 in.
Gross weight	1,516 lb

Arm Positioning

Before driving a vehicle between the columns, lower the carriages fully, retract the arms, and swing them out of the vehicle path. Follow the drive-in direction and arm positions shown in Figures 2 and 3. Never drive over a lifting arm.

For Model QL9KCF

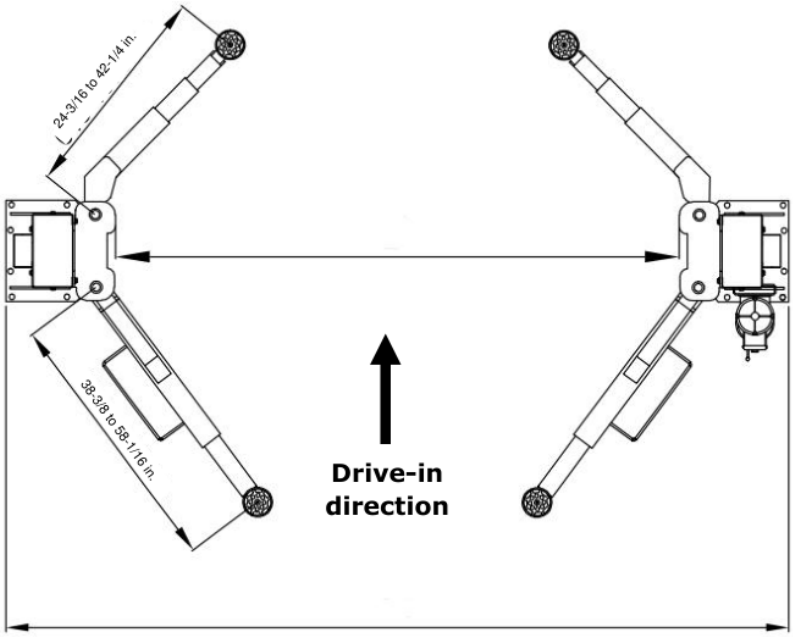


Fig.2

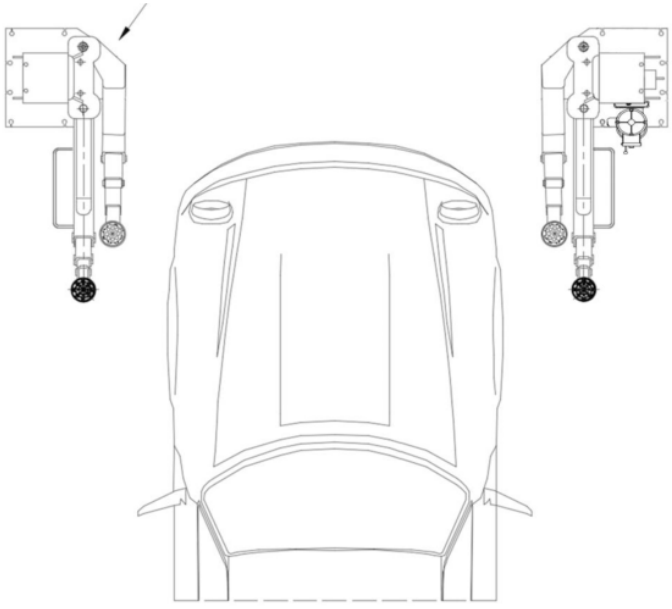


Fig.3

Installation Tools

Prepare a rotary hammer drill with a 3/4 in. masonry bit, hammer, level, chalk line, screwdrivers, pliers, and a tape measure at least 24 ft 7-1/4 in. long.

Use a 12 in. adjustable wrench, a ratchet with a 28 mm socket, and wrenches in the following sizes: 8, 10, 13, 14, 17, 19, and 24 mm. Hex keys: 3, 5, and 8 mm. Use a locking wrench as needed.

The supplied fasteners use metric threads. Tool sizes and metric part designations identify the actual hardware and should be matched exactly. Use a forklift or hoist rated for the load.

Site and Power Requirements

Store and install the lift in a shaded, dry, well-ventilated area at normal temperatures. Unload and move the packaged lift with a suitable forklift as shown in Figures 5 and 6.

Concrete must be fully cured, level, free of cracks, at least 4 in. thick, and have a minimum compressive strength of 3,000 psi. The factory foundation specification calls for concrete without reinforcing steel bars. Do not install the lift on a floor that fails these requirements.

The electrical supply must be suitable for the 2 HP power unit. Have a qualified electrician confirm the supply, grounding, and conductor sizing against the power-unit data plate and applicable electrical requirements.

Improper anchoring or unsuitable concrete can allow the lift or vehicle to fall. Confirm the installation location, overhead clearance, floor condition, and layout before assembly.

Step A-C: Layout and Unpacking

Confirm that the concrete, available space, and overhead clearance are suitable. Use a chalk line to mark the baseplate layout shown in Figure 8.

Identify the packaged lift and hydraulic power unit (Figure 9). Move the lift with a forklift or hoist, carefully open the extension-column packaging, and remove the lifting arms and parts box from the columns.

Place the removed components near the installation area and compare them with the shipment parts list (Figure 10).

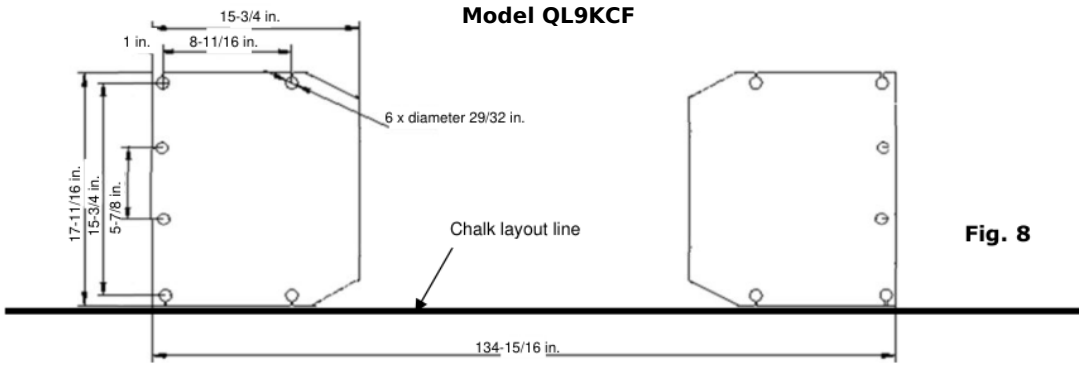


Fig. 8



Fig. 9

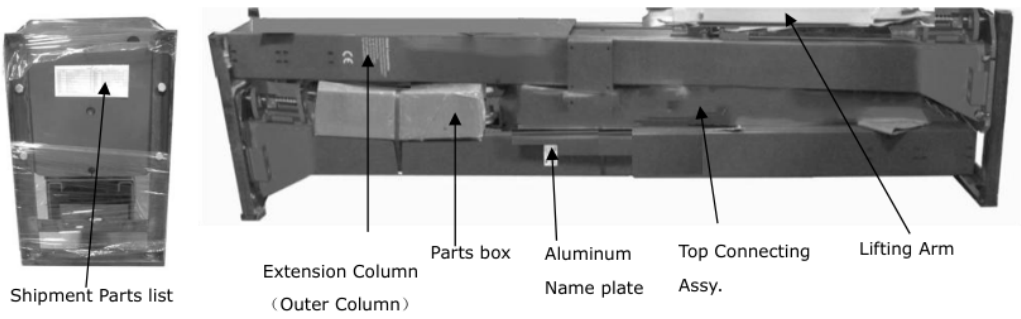
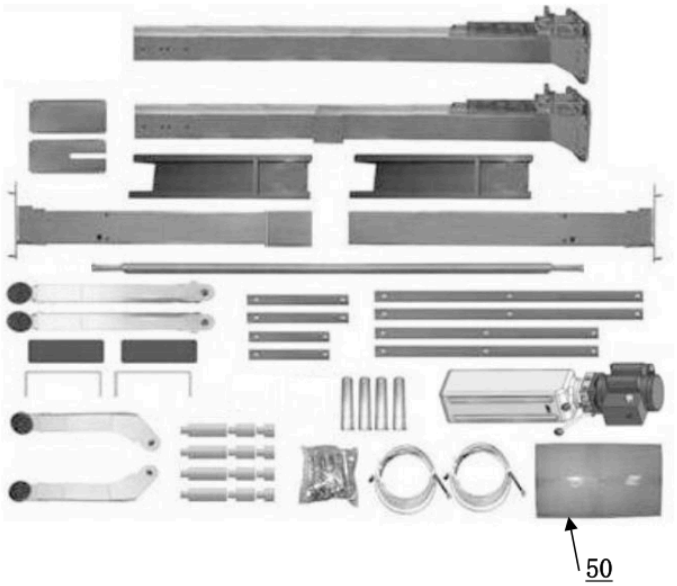


Fig. 10

Step C: Check the Supplied Parts

Loosen the bolts on the upper shipping frame, remove the upper extension columns, and take the packed components out of the inner columns. Remove the shipping frame.

Set the components aside and check them against the shipment list (Figures 11 and 12). Open the hardware bags and compare their contents with the parts-box list (Figure 13).



Shipment list
Fig. 11



Parts box (50)
Fig. 12

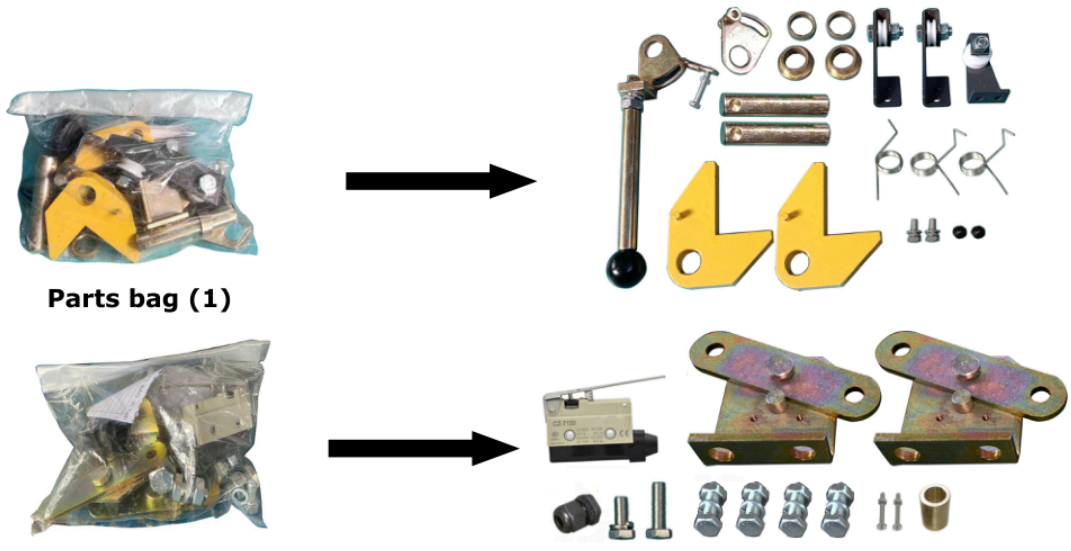


Fig. 13

Step D: Extension Column Hardware

Open the remaining hardware bag and check its contents against Figure 14. Install the extension-column components in the positions shown in Figure 15. Match every fastener to its part number and location.

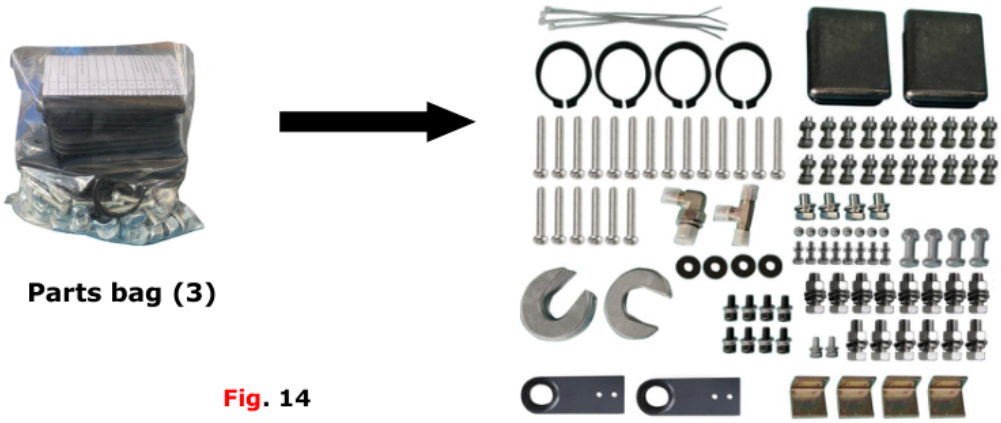


Fig. 14

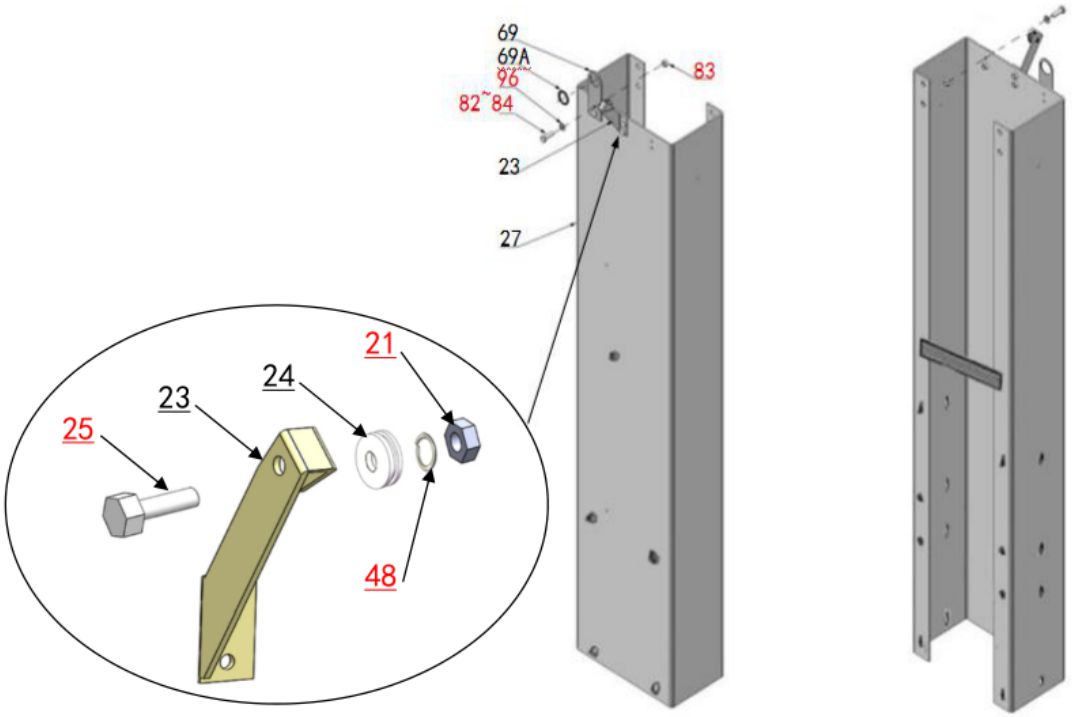


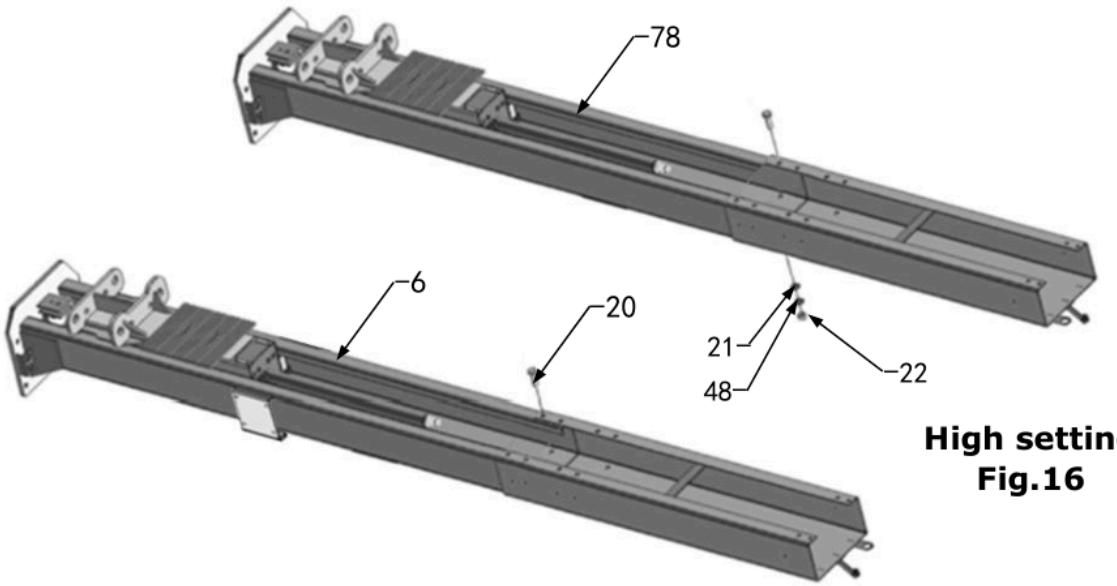
Fig. 15

Step E: Select the Column Height

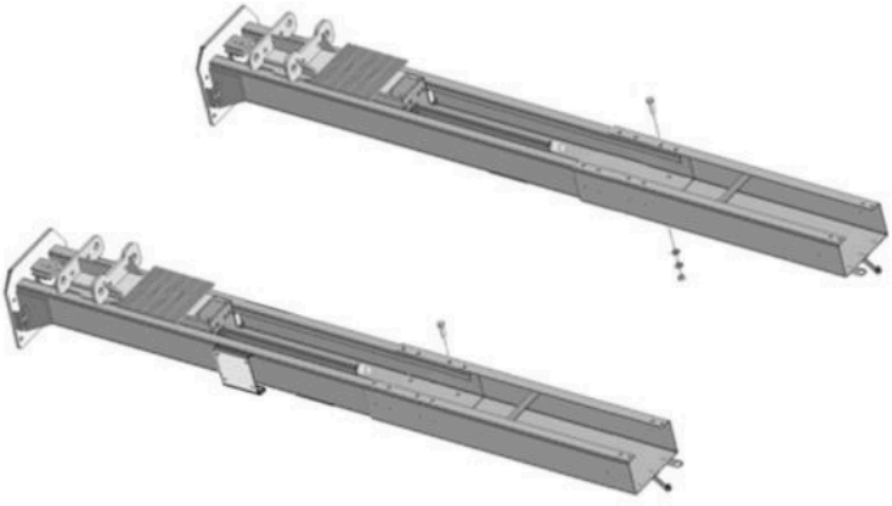
Lay the columns parallel to each other at the installation site. Position the power-side column to suit the site; the factory recommends the front-right side when viewed in the vehicle drive-in direction.

Minimum ceiling height is 12 ft for the low setting and 13 ft for the high setting. These requirements provide clearance to stand the columns upright during installation.

For the high setting, use the lower connection holes in the extension columns (Figure 16). For the low setting, use the upper connection holes (Figure 17).



High setting
Fig.16



Low setting
Fig.17

Step F: Position and Anchor Columns

Position both columns on the marked baseplate layout. Check each column for plumb with a level and install the supplied shims where needed. Install the anchor bolts, but leave them loose until the overhead beam is assembled.

Use a minimum anchor embedment of 3-9/16 in. Drill and clean the holes before inserting the anchors. Figure 18 shows the installation sequence and column layout.

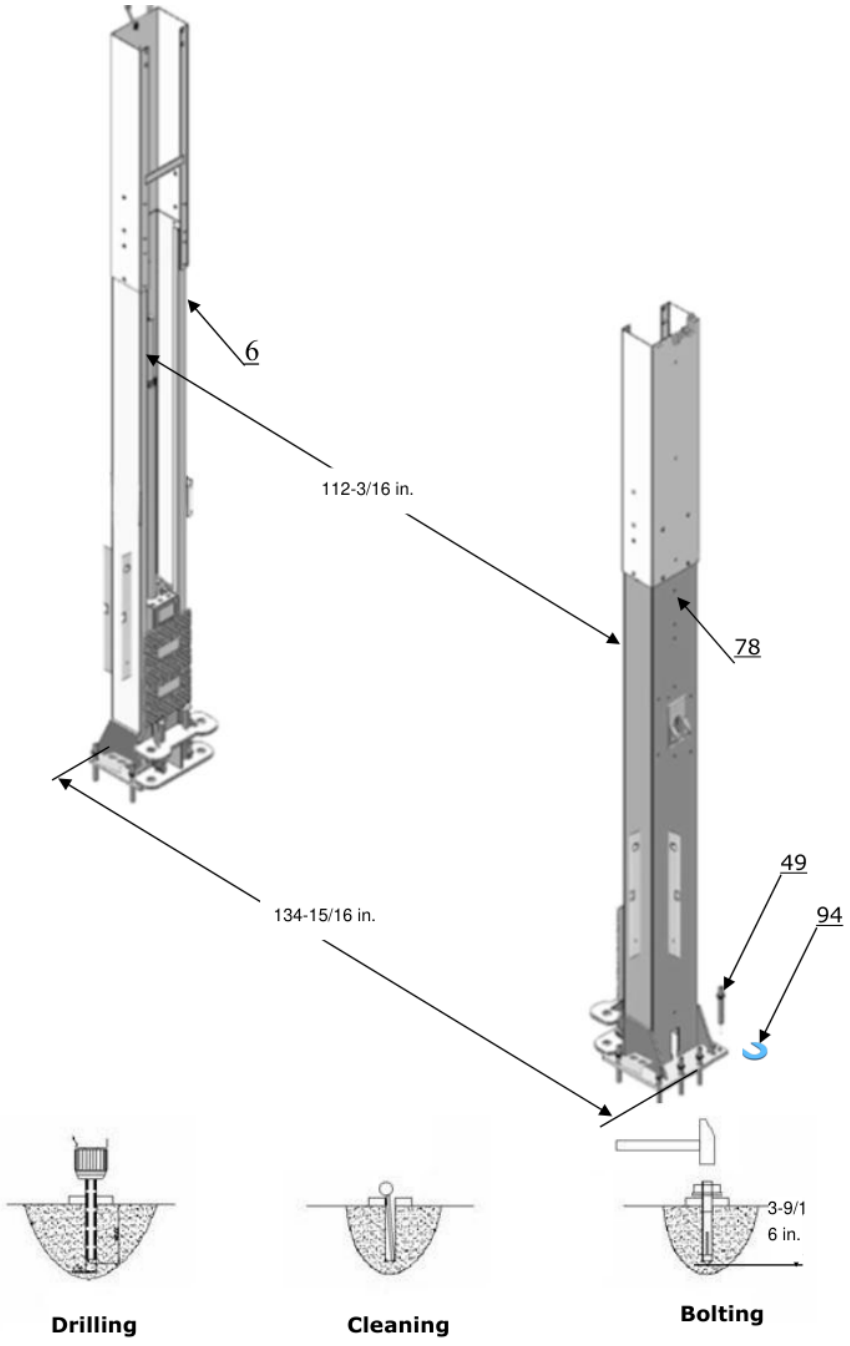


Fig. 18

Step G: Install the Overhead Beam

Use the beam hook to support one end of the top beam on the extension column. Bolt the beam to the column and tighten the fasteners. Install the connecting bracket as shown in Figure 19.

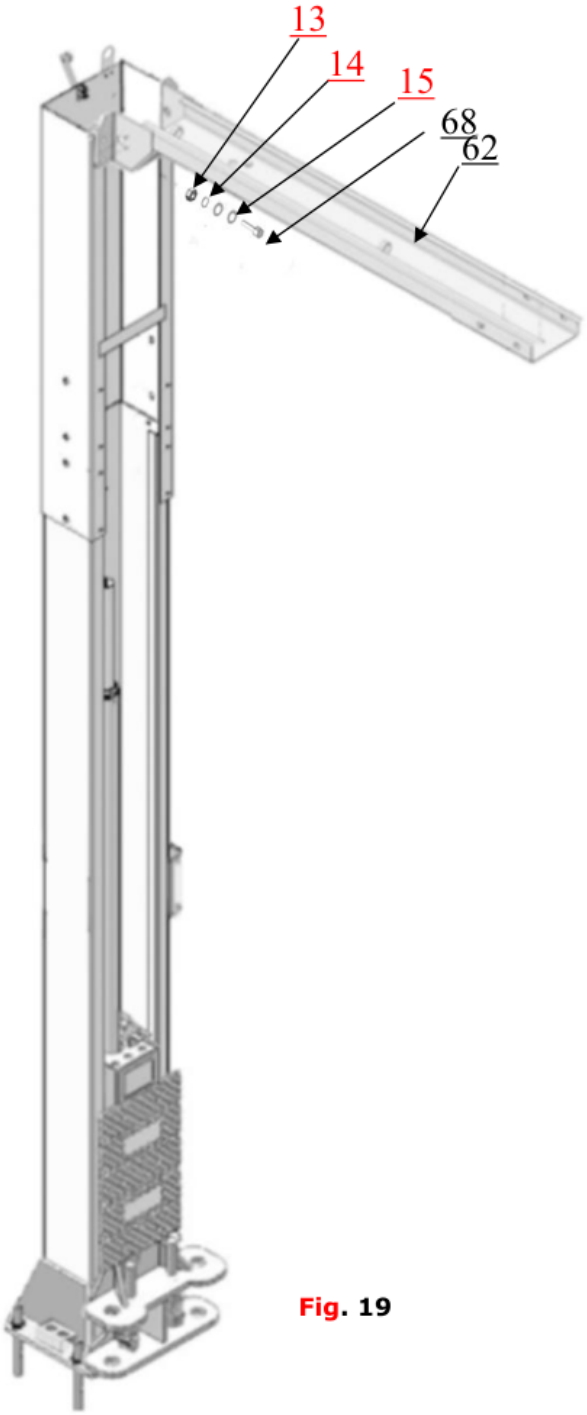


Fig. 19

Step G: Secure the Beam and Anchors

Complete the overhead beam assembly as shown in Figure 20. Tighten the beam fasteners, confirm that both columns remain plumb, and then tighten the column anchor bolts with a ratchet and the correct socket.

The specified anchor torque is 111 ft-lb. Do not use the lift if an anchor will not hold the required torque.

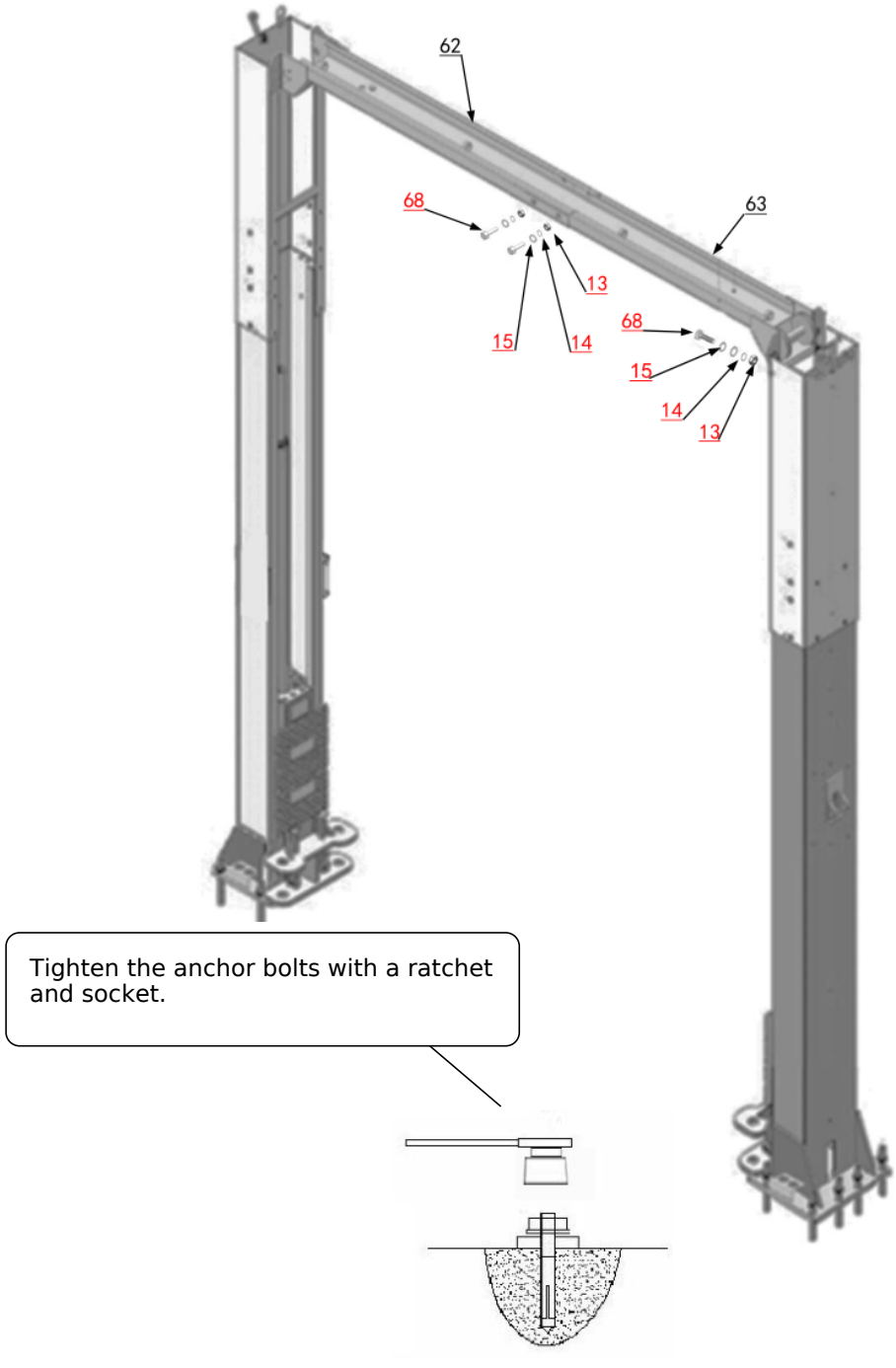


Fig. 20

Step H-I: Overhead Shut-Off Device

Install the control bar and its support brackets as shown in Figure 21. Use the specified bolts, washers, lock washers, bushings, and nuts.

Connect the red limit-switch wire to terminal NC and the other end to terminal A2 on the power-unit contactor. Connect the black wire to terminal C and the other end to terminal 4 on the control button. Electrical connections must be made with power disconnected.

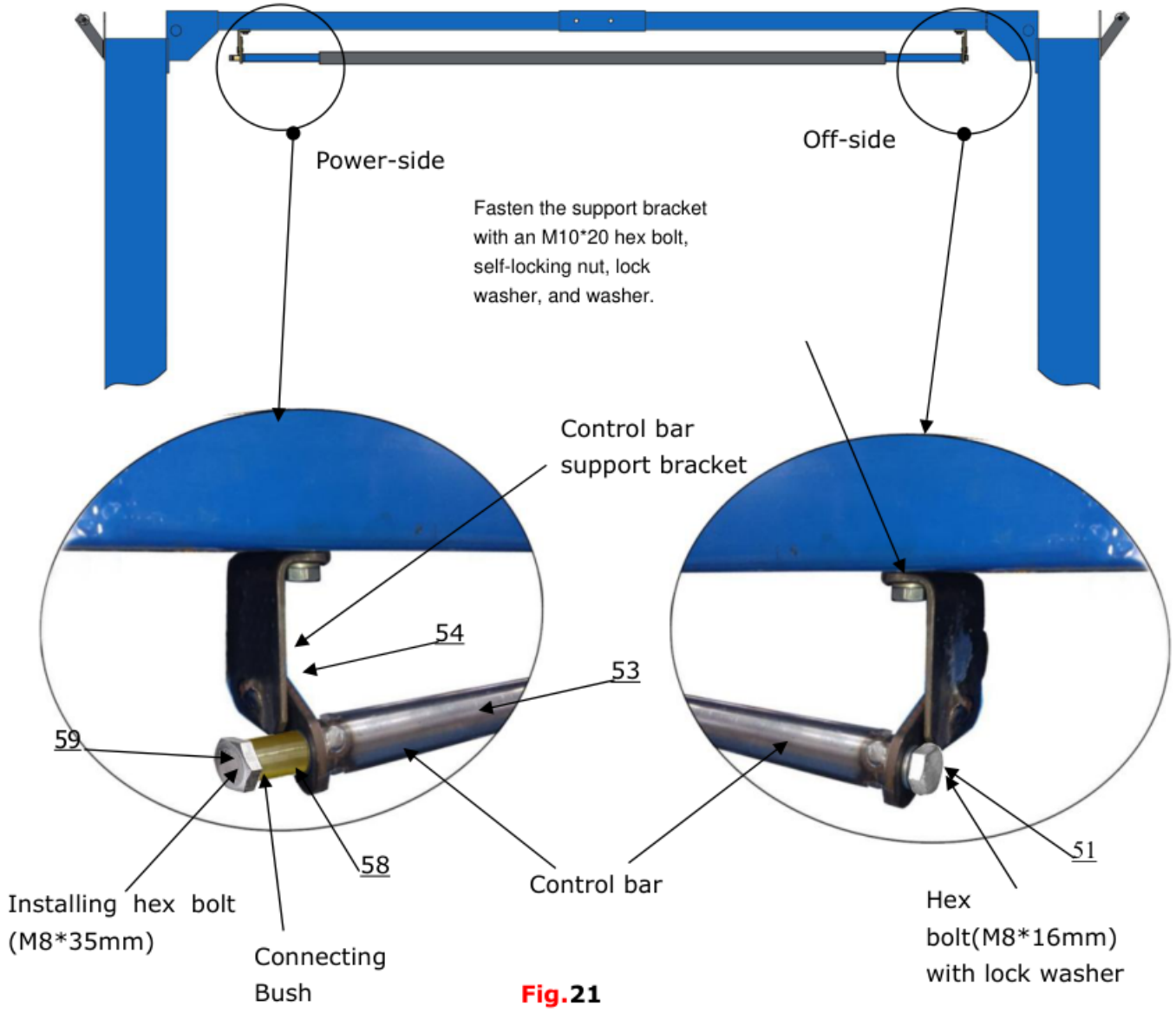
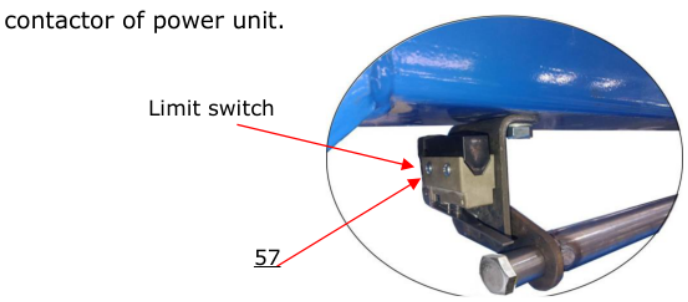


Fig.21

Step I-J: Switch and Safety Locks

Fasten the limit switch to the power-side control-bar bracket as shown in Figure 23. Route the wire through the overhead beam to the power-unit contactor.

Install the power-side and offside safety devices using the component positions and part numbers shown in Figures 24 and 25.



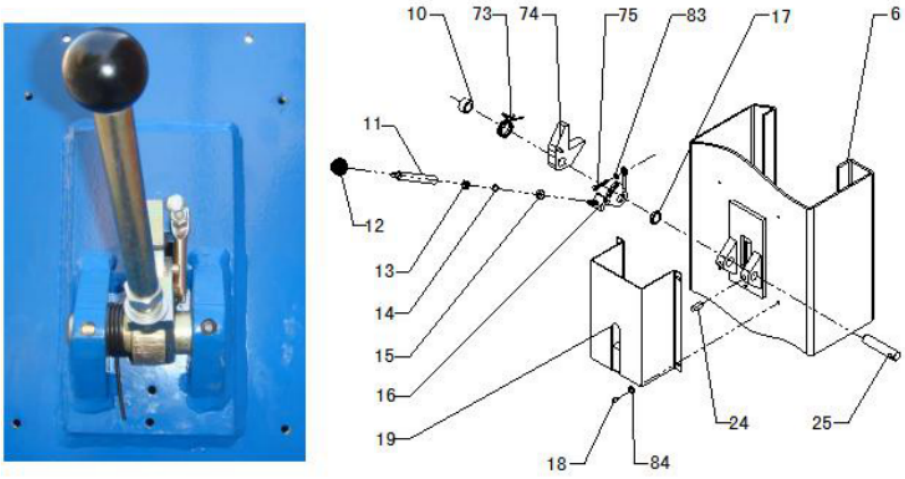


Fig. 24 Power-side Safety Device

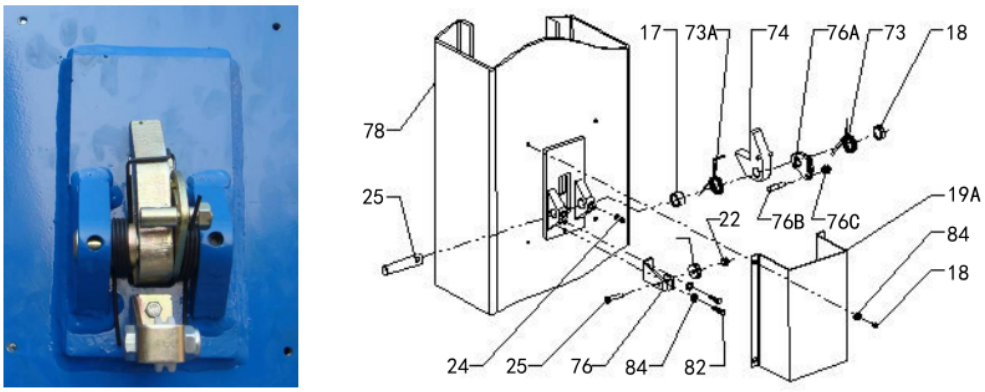


Fig. 25 Offside Safety Device

Step K: Low-Setting Cable Routing

Raise both carriages by hand and engage their safety locks at the same height. For a lift assembled in the low setting, route the equalizer cables exactly as shown in Figure 26. Keep each cable seated in its pulley groove.

1. Low setting cable connection **(See Fig. 26).**

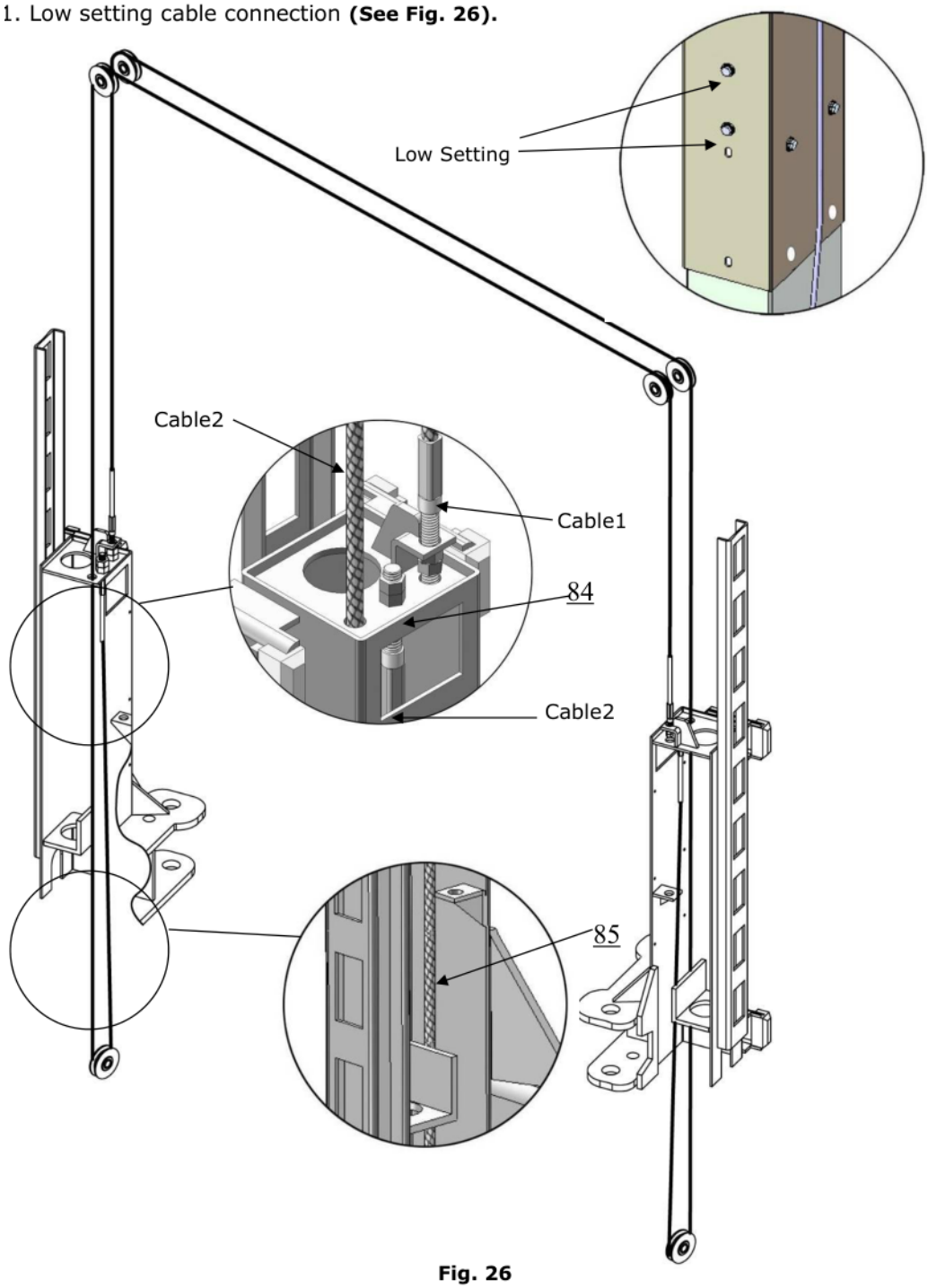


Fig. 26

Step K: High-Setting Cable Connections

For the high setting, feed each cable through the bottom of its carriage and pull it out through the carriage opening. Install both cable nuts as shown in Figure 27.

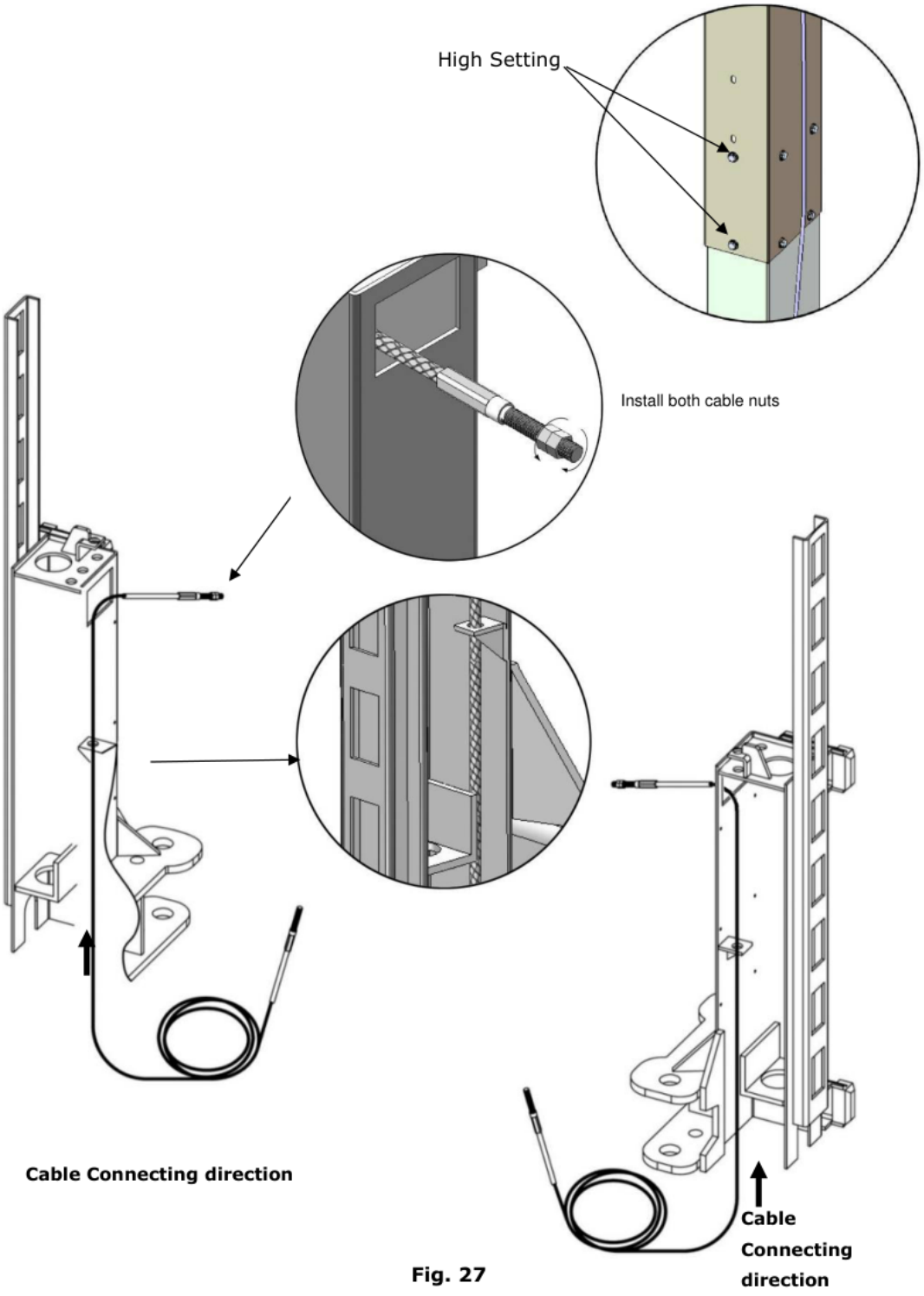


Fig. 27

Step K: High-Setting Cable Routing

Complete the high-setting equalizer-cable routing as shown in Figure 28. Follow the separate paths for Cable 1 and Cable 2, and confirm that both cables remain seated in all pulleys.

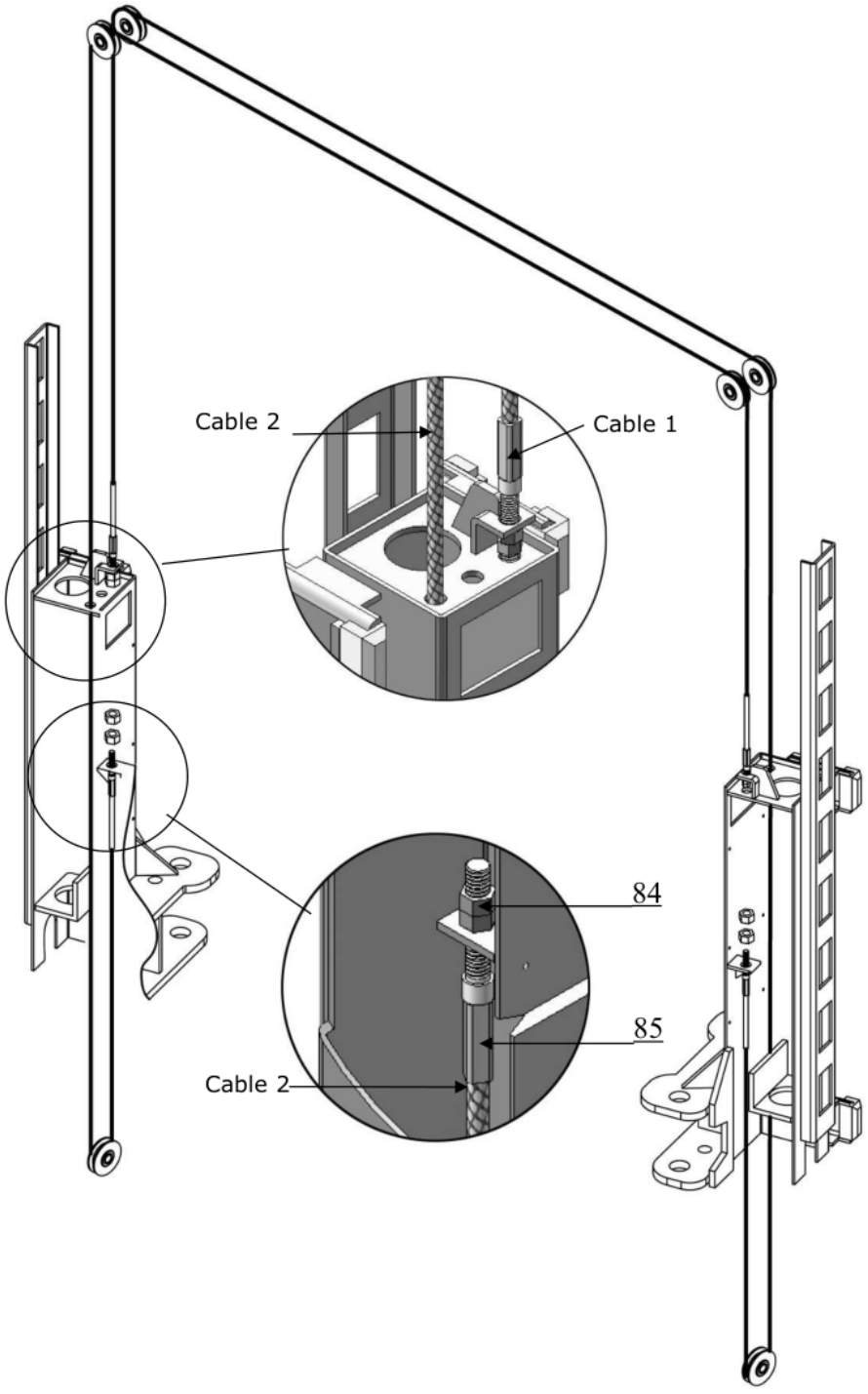


Fig. 28

Step L: Power Unit and Hydraulic Lines

Install the hydraulic power unit and connect the hoses and fittings as shown in Figure 29. Tighten all hydraulic connections.

Fill the reservoir with ISO VG 46 anti-wear hydraulic oil. Keep the oil and all hydraulic connections clean during assembly.

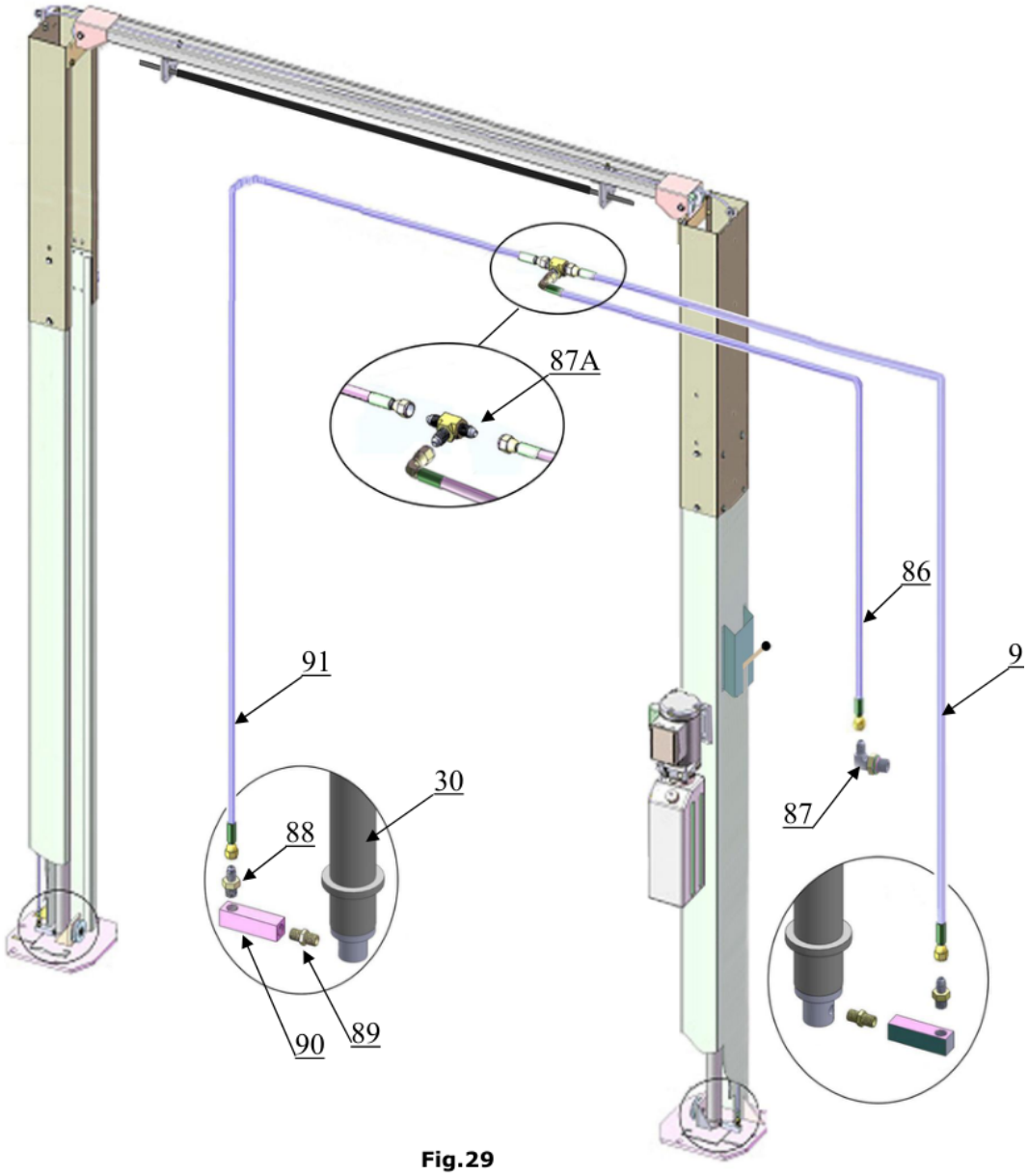


Fig.29

Step L: Connect the Power-Unit Hose

Follow the four connection steps in Figure 30. A: remove the hex plug. B: install the 90-degree fitting and connect the hydraulic hose. C: remove the red plastic plug from the left port. D: install the removed hex plug in that port.

Check that each fitting is properly seated and tightened before filling or operating the hydraulic system.

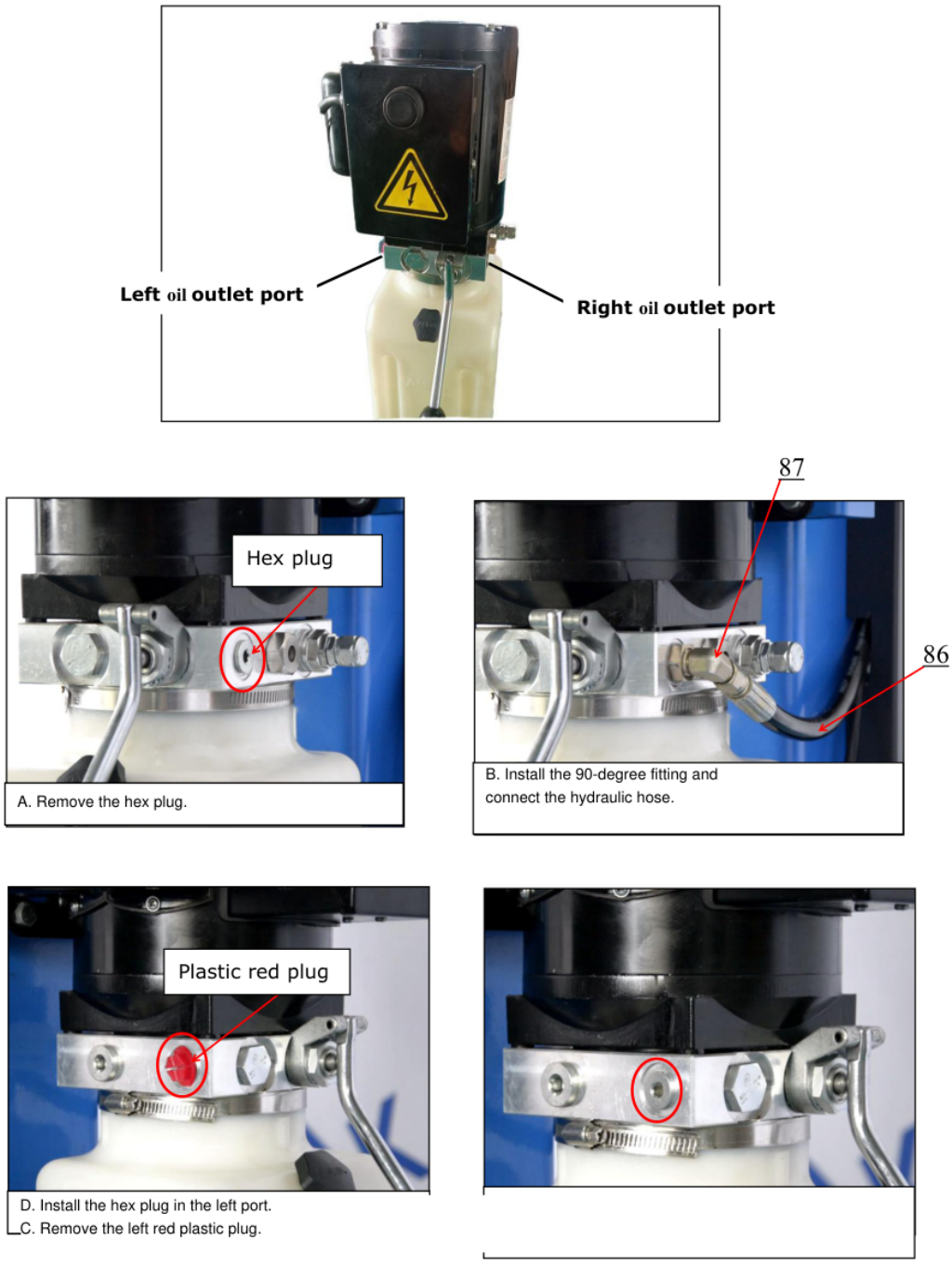


Fig.30

Step M: Install Protective Covers

Partially thread the M6*40 cap-head bolt into place, position the protective cover, and then tighten the bolt. Install the remaining covers and fasteners in the positions shown in Figure 31.

Use the cover arrangement that matches the installed column height.

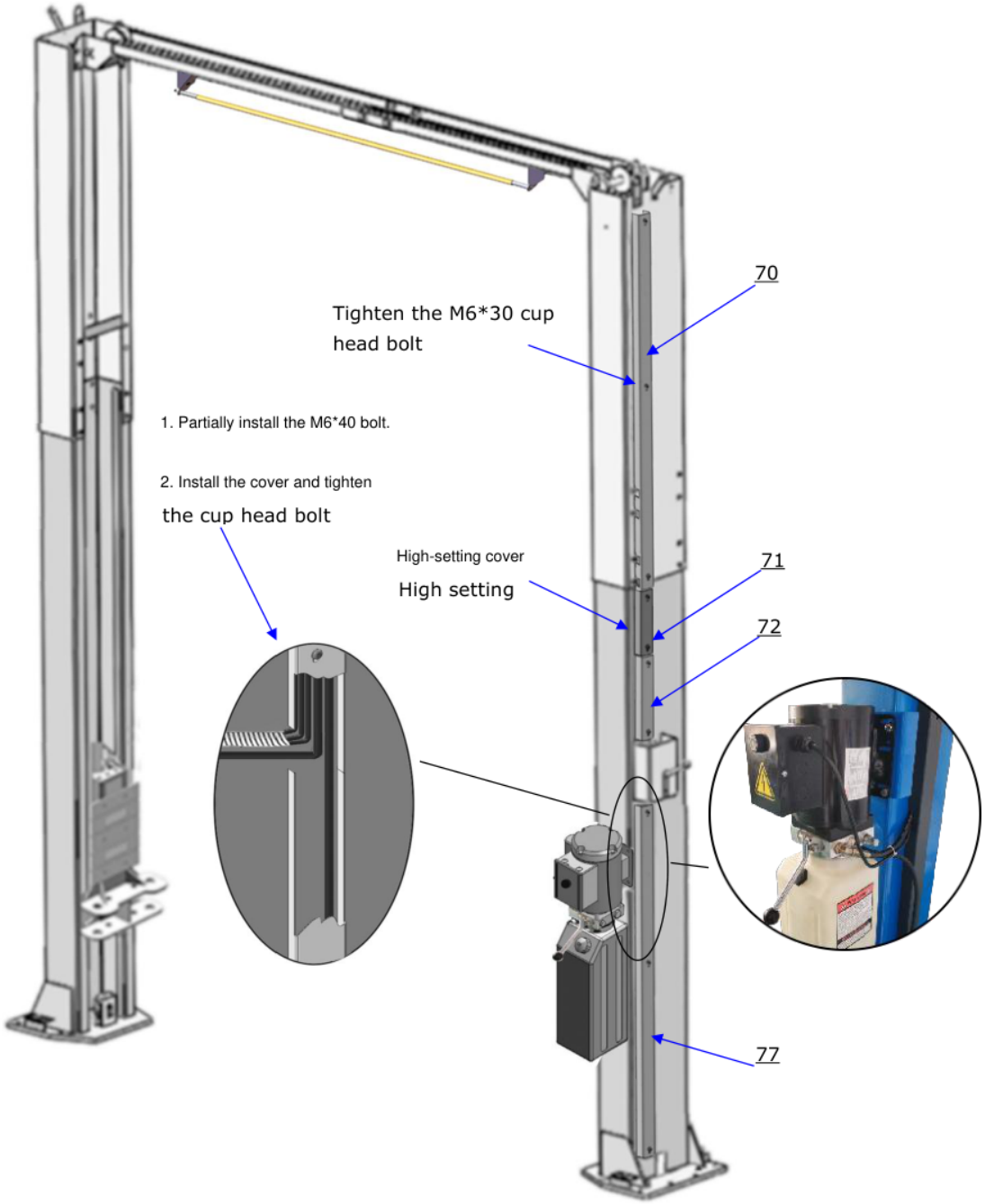


Fig. 31

Step N: Safety-Release Cable

Begin at the offside safety device. Route the safety-release cable through the pulley bracket and along the path shown in Figure 32. Finish by connecting the cable to the power-side safety device.

Keep the hydraulic hose, limit-switch wire, and safety cable in their designated routes.

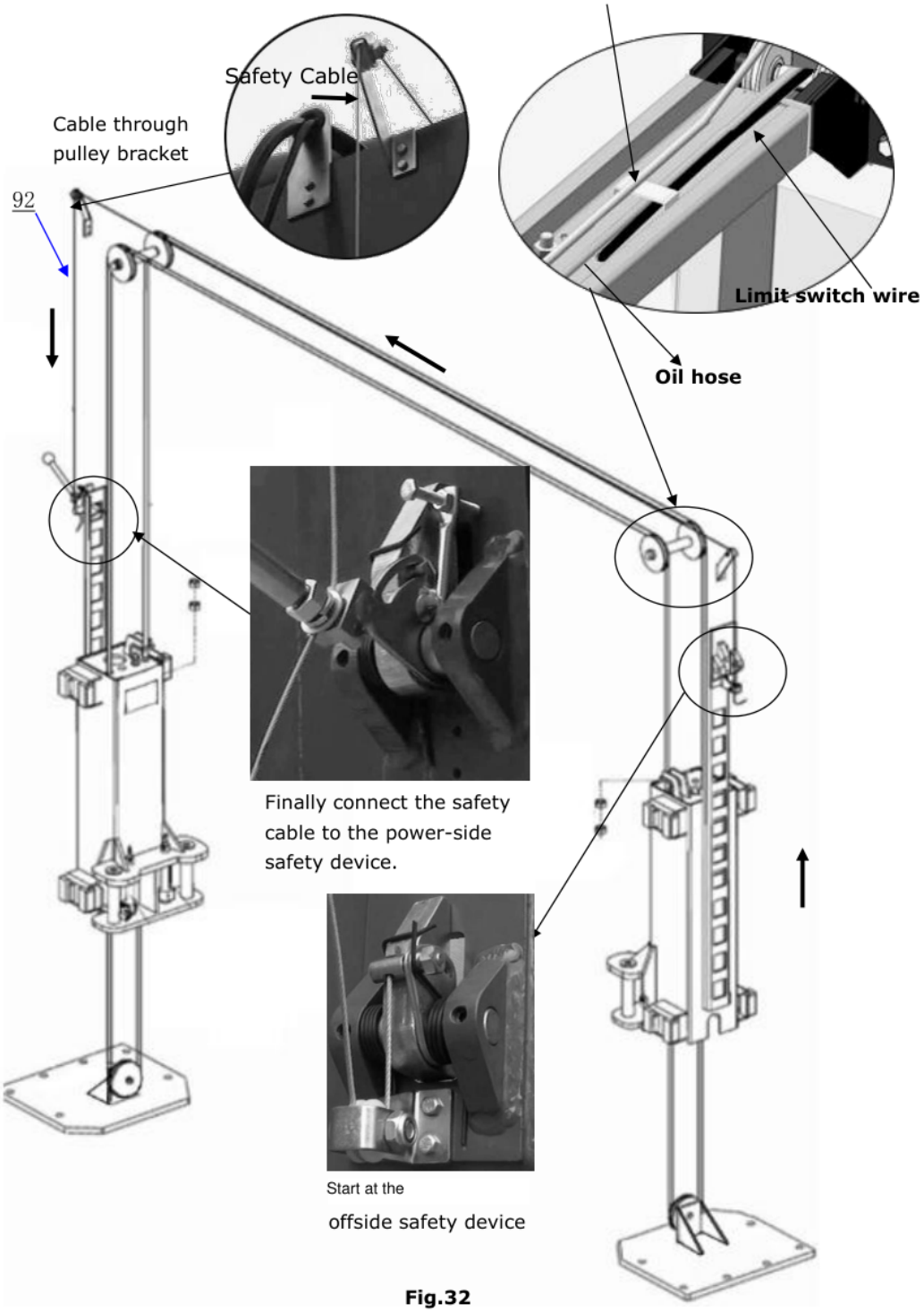
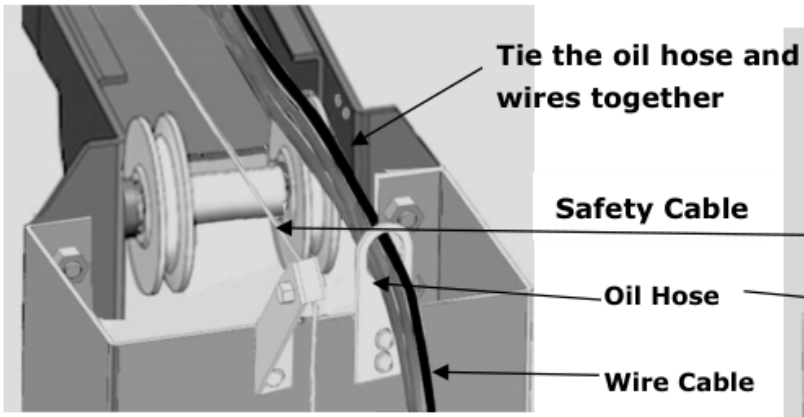


Fig.32

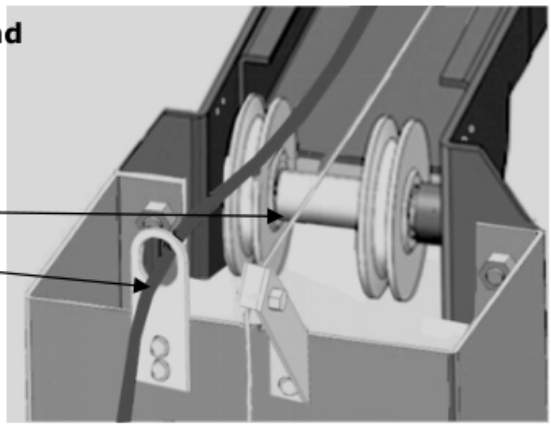
Step O-P: Cable Bracket and Arms

Do not cross or twist the hydraulic hose and safety cable. Bundle the hydraulic hose and electrical wires as shown in Figures 33 and 34.

Install the cable-limit bracket (Figure 35). Install the lifting arms, then lower both carriages fully. Use an 8 mm hex key to loosen the arm-lock socket bolts before adjustment.



Power-side Safety Device
Fig. 33



Offside Safety Device
Fig.34

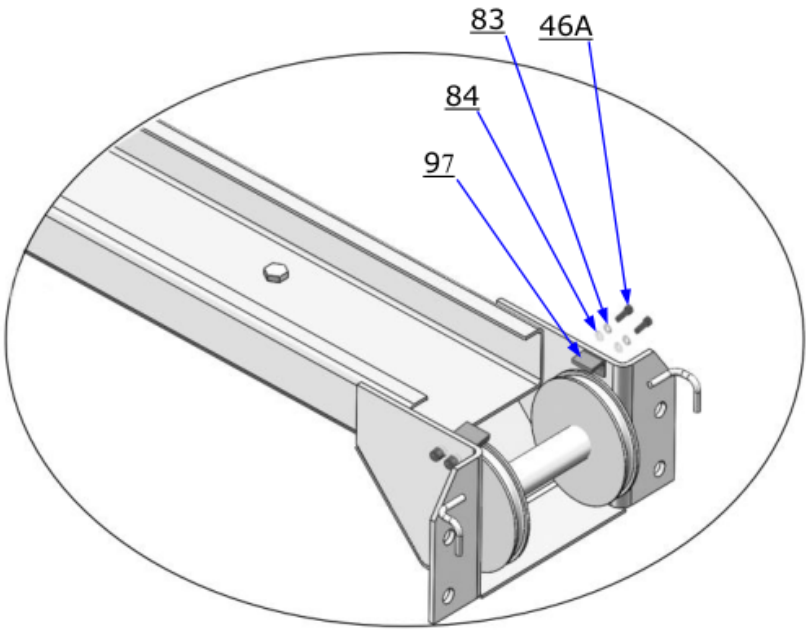


Fig.35

Step P-Q: Adjust Arm Restraints

Adjust each arm lock in the direction shown in Figure 38. Align the moon gear and arm lock so their teeth fully engage, then tighten the arm-lock socket bolts (Figure 39).

Check all four arm restraints before use. Tighten every hydraulic connection and fill the reservoir with ISO VG 46 anti-wear hydraulic oil.

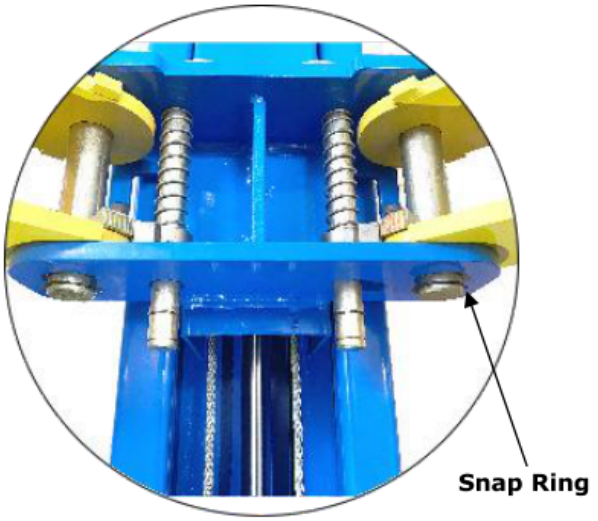
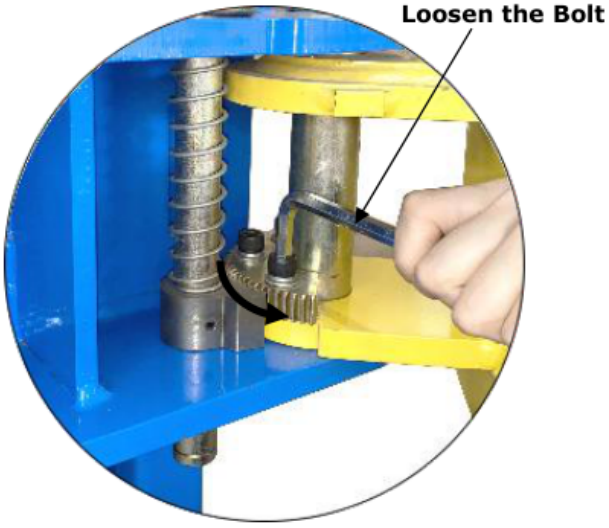


Fig. 36



Use an 8 mm hex key
to loosen the socket bolt.

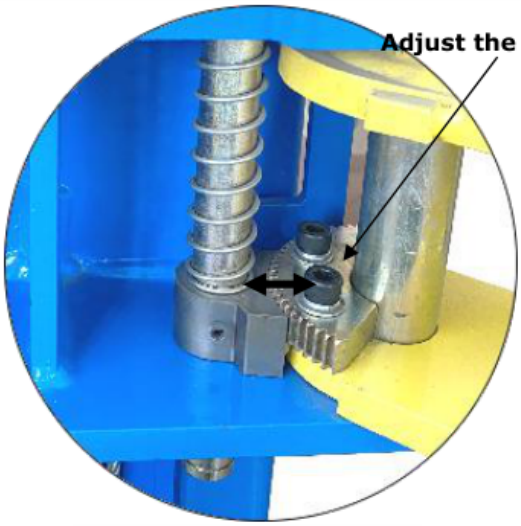


Fig. 38
Align the gear and arm lock
so their teeth fully engage.

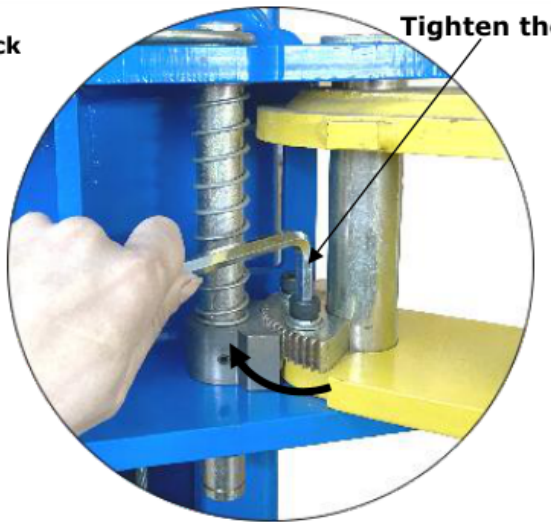


Fig. 39

Tighten the bolts after the gear
and arm lock fully engage.

Step R: Electrical Connections

Use the voltage and phase shown on the supplied power-unit data plate. The QL9KCF sales sheet specifies 220V. A qualified electrician must make the supply and grounding connections with power disconnected.

For the single-phase power unit, connect the two supply conductors to contactor terminals L1 and L3 as shown in Figure 40. Connect the equipment grounding conductor to the designated ground connection.

To connect the overhead limit switch, remove the jumper between control-button terminal 4 and contactor terminal A2. Connect the black C-terminal wire to terminal 4 and the red NC-terminal wire to A2. The limit switch uses terminals C and NC.

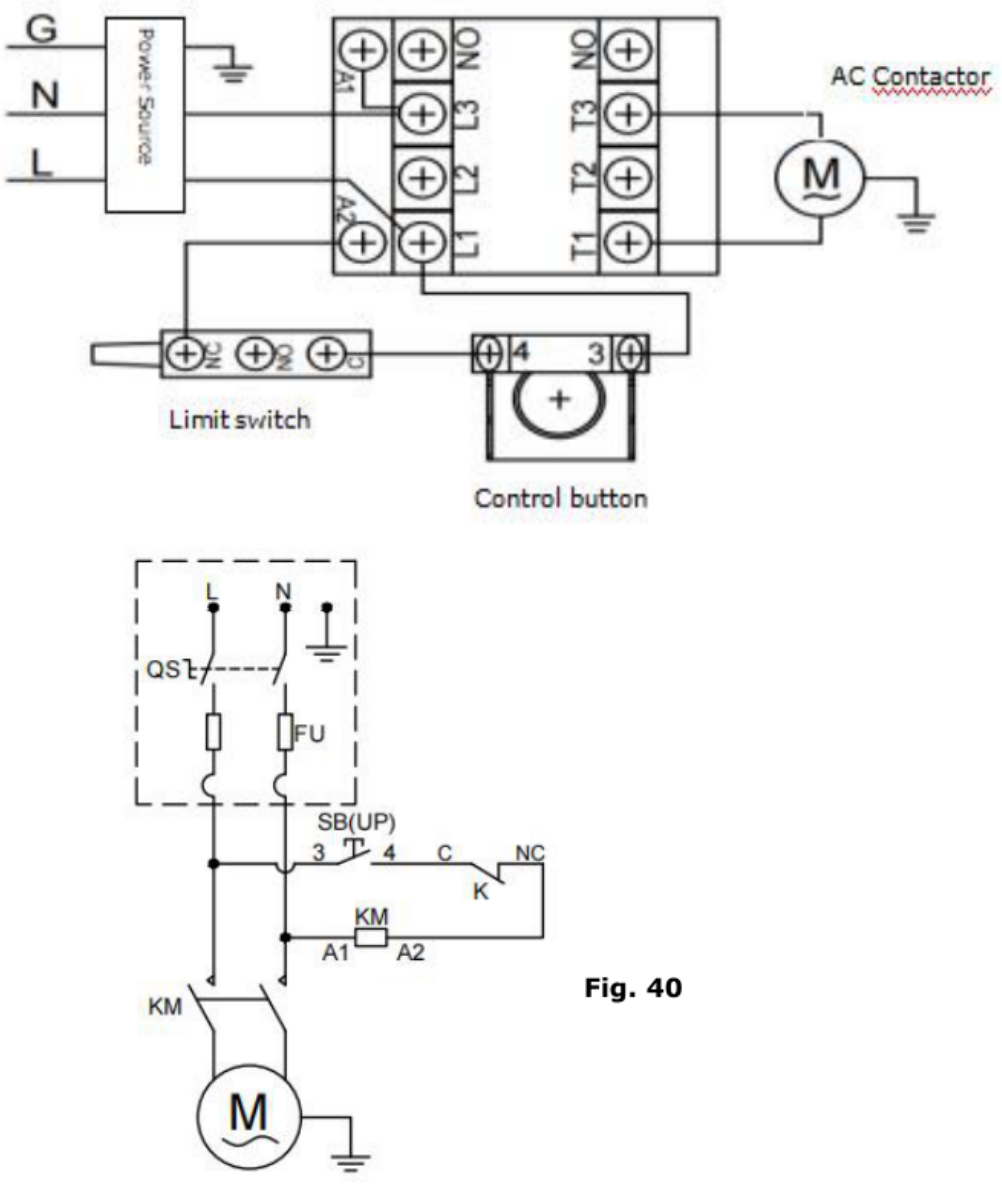


Fig. 40

Step R: Limit-Switch Wiring Reference

Figures 41 and 42 show the jumper to remove and the replacement limit-switch connections. Confirm the terminal markings on the installed components before connecting the wires.

After installation, test the overhead shut-off bar and confirm that contact with the bar stops upward travel. Do not operate the lift if the switch fails this test.

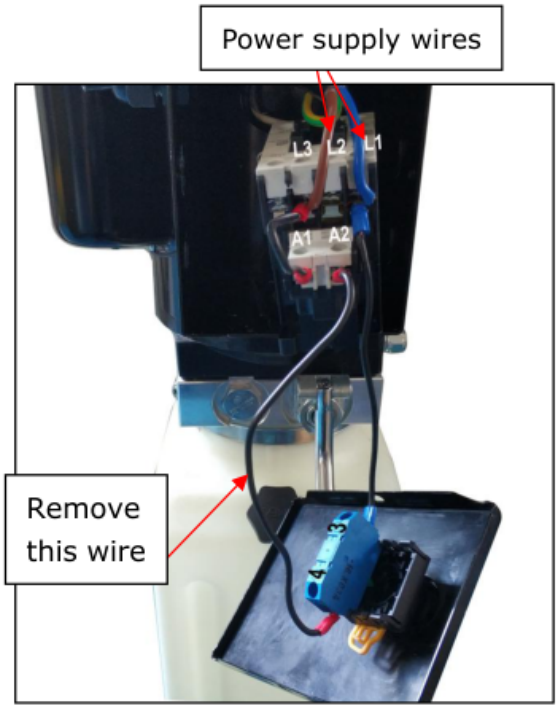


Fig. 41

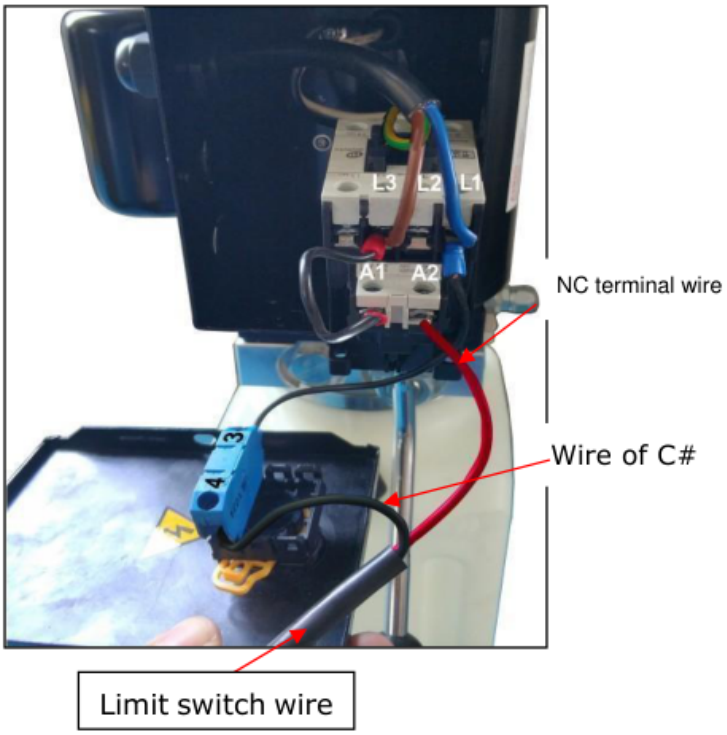


Fig.42

Lift Assembly

IV. EXPLODED VIEW

Model QL9KCF

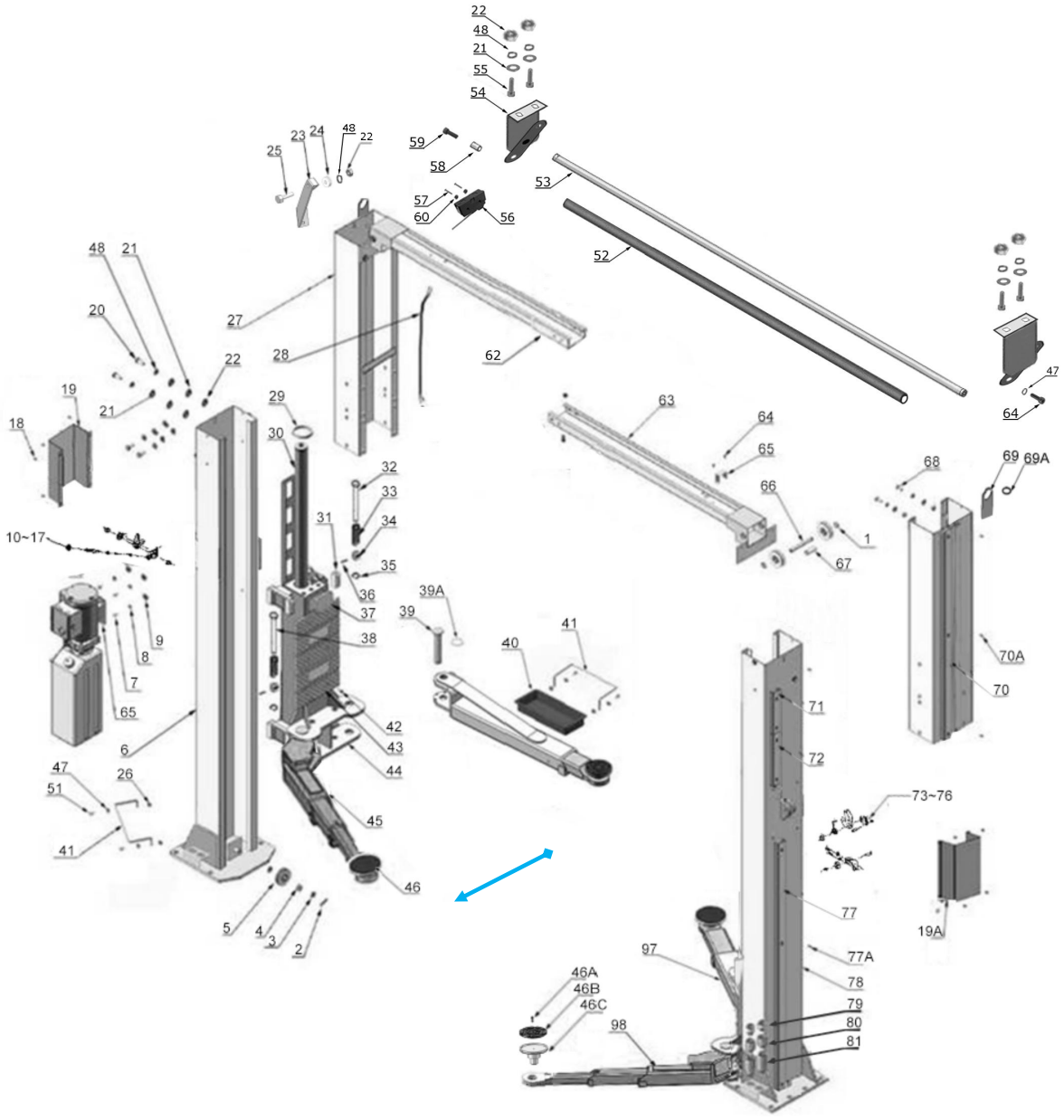


Fig. 45

Lift Parts: Items 1-37

Parts List

Item	Parts#	Description	Qty.
			QL9KCF
1	10206019	Snap Ring	4
2	10209012	Hair Pin	2
3	10209128	Washer	4
4	1002011001	Bronzed bush for Pulley φ22*φ19*14	6
5	1102011001	Pulley φ80*φ22*15	6
6	11206001C	Power Side column	1
7	10209003	Hex Bolt M8*25	8
8	10209004	Rubber Ring φ8*20*3	4
9	10209005	Self Locking Nut (M8)	4
10	11217436	Safety device spacer φ27*15	2
11	11217006	Safety device control handle	1
12	10217005	Plastic ball M10	1
13	10206023A	Hex Nut M12	15
14	10420026	Lock Washer φ12	15
15	10206006	Washer φ12	15
16	11217004	Main Cam Lock	1
17	11217012	Safety device spacer φ27*10	2
18	10209009	Cup head bolt M6*8	10
19	11217405	Power-side safety device cover	1
19A	11217406	Offside safety device cover	1
20	10209126	Hex Bolt M10*25	20
21	10209022	Washer φ10	40
22	10209021	Hex Nut M10	27
23	11217379	Safety Cable Bracket	2
24	10206009	Plastic pulley	3
25	10209046	Hex Bolt M10*35	3
26	10209033	Washer φ8	12
27	11206204	Extension Column L=1240mm	2
	11206207	Extension Column L=1850mm	0
28	10206137	Wire L=3700	1
	10206138	Wire L=4310	0
29	10209111	Cylinder protective Ring	2
30	11217056	Cylinder φ50*1727	2
31	10209015	Slider Block	16
32	11206046A	Arm Lock Bar (Left)	2
33	10206050A	Spring	4
34	10217044-01	Arm Lock	4
35	10206032	Snap Ring φ6*40	4
36	10206036	Hair Pin φ6*40	4
37	10209016	Carriage plastic cover	2

Lift Parts: Items 38-70A

Item	Parts#	Description	Qty.		
			QL9KCF		
38	11206046	Arm Lock Bar (Right)	2		
39	11217168	Arm Pin	4		
39A	10520023	Snap Ring φ38	4		
40	10206190	Tool Tray (Short)	2		
41	11206191	Short Toe Guard	4		
42	10209019	Screw M6*16	12		
43	10209018	Protective Rubber	2		
44	11279004	Carriage	2		
45	10279010	Front right arm assy.	1		
46	10201046A	Rubber Pad Assy.	4		
46A	10420138	Socket Bolt	12		
46B	10209134	Rubber Pad	4		
46C	11680030C	Support Frame	4		
47	10209034	Lock Washer φ8	15		
48	10209039	Lock Washer φ10	27		
49	10209059	Anchor Bolts 3/4*5-1/2	12		
50	10206500B	Parts Box	1		
	10206501B		0		
51	10201002	Hex Bolt M8*16	5		
52	10206025A	Form tube	1		
53	1102072001A-01	Control Bar φ22*2400	1		
54	1103072003A-01	Control bar fixing bracket	2		
55	10206017	Hex Bolt M10*20	4		
56	1002022001	Limit switch CZ-7120	1		
57	10420164	Cup head bolt M4*30	2		
58	110207007	Connecting bush φ14*2*20	1		
59	10201122	Hex bolt M8*35	1		
60	10620095	Hex nut M4	2		
62	11206195-01	Top Beam A	1		
63	11206196-01	Top Beam B	1		
64	10720002	Socket bolt M10*25	1		
65	81513001	Power Unit 220V/50Hz Single phase	1/1		
	81513002	Power Unit 380V/50Hz Three phase			
66	11279016	Pin for pulley	2		
67	11206022	Top pulley tube	2		
68	10206024	Hex Bolt M12*25	14		
69	11217024	Hose Support	2		
69A	1061K074	Protective Ring	2		
70	11203752	Protective Cover L=1140	2		
	11203756	Protective Cover L=1750	0		
70A	10206110	Cup head bolt M6*35	4		

Lift Parts: Items 71-99

Item	Parts#	Description	Qty.		
			QL9KCF		
71	11206084	Protective Cover L=200	2		
72	11206083	Protective Cover L=385	2		
73	10217008	Spring φ2.5*145°	1		
73A	10217030	Spring φ2.0*120°	2		
74	11217009	Safe Device	2		
75	10217010	Hex Bolt M6*40	1		
76	11217029	Pulley bracket	1		
76A	11217031	Cam Lock	1		
76B	10217032	Connect pin for cable	1		
76C	10217033	Self locking nut	1		
77	10203778	Protective cover L=1545	2		
77A	10206079	Cup Head bolt M6*40	14		
78	11206203	Offside column	1		
79		3 in. Extension Adapter	4		
80		Adjustable Screw Pad	4		
82	10217066	Hex Bolt M6*15	10		
83	10217011	Hex Nut M6	9		
84	10420045	Washer φ6	26		
85	10206064A	Cable L=10048mm	2		
	10206064B	Cable L=11268mm	0		
86	10206132-01	Oil Hose L=4470mm	1		
	10206133-01	Oil Hose L=5080mm	0		
87	10209060	90^0 fitting	1		
87A	10211016	T Fitting	1		
88	10209064	Straight fitting	2		
89	10206062	Straight fitting	2		
90	11233009	Straight fitting (pipe)	2		
91	10206130-01	Oil Hose L=5350mm	2		
	10206131-01	Oil Hose L=5960mm	0		
92	10206149	Safety Cable L=7750mm	1		
	10206065A	Safety Cable L=8970mm	0		
93	10209066	Hex Nut	8		
94	10201090	Shim (1mm)	10		
	10620065	Shim (2mm)	10		
95	10209152	Ties 3*150mm	4		
96	10209149	Lock washer φ6	18		
97	10279011	Rear Arm Assy.	2		
98	10279009	Front left arm assy.	1		
99	1102075001	Cable Limit plate	4		

Rear and Front Left Arm Assemblies

4.1 Rear arm（10279011）：

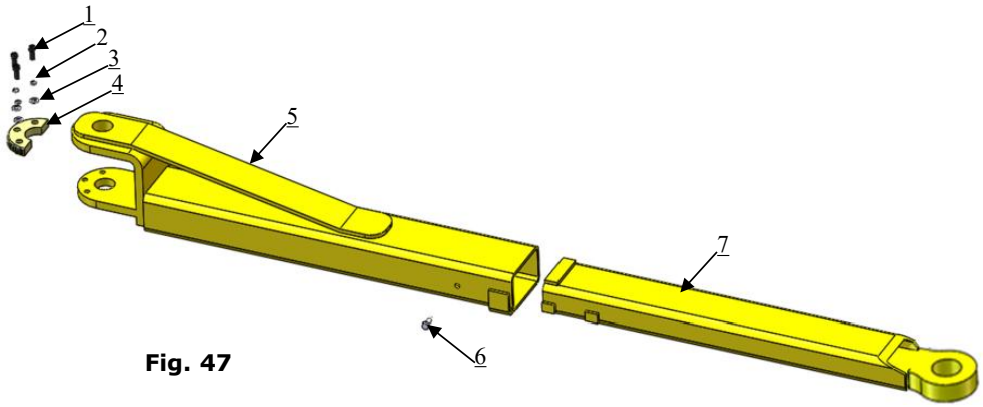


Fig. 47

Item	Parts#	Description	Qty.	Note
1	10206048	Socket Bolt M10*30	6	
2	10209039	φ10 Lock washer	6	
3	10209022	φ10 Washer	6	
4	11206049	Moon Gear	2	
5	11206192	Outer arm - Rear	2	
6	10201149	Cup Head Bolt	2	
7	11206193	Inner arm - Rear	2	

4.2 Front Left Arm（10279009）：

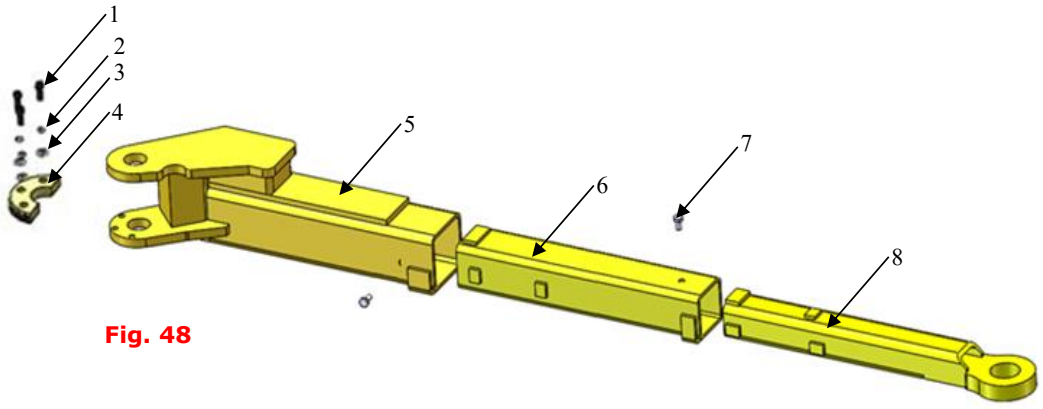


Fig. 48

Item	Part#	Description	QTY.
1	10206048	Socket bolt M10*30	3
2	10209039	Lock Washer φ10	3
3	10209022	Washer φ10	3
4	11206049	Moon gear	1
5	11206182	Outer arm - front left	1
6	11206189	Middle arm - front	1
7	10201149	Cap head bolt M8*12	2
8	11201049A	Inner arm - front	1

Front Right Arm and Cylinder

4.3 Front Right Arm（10279010）：

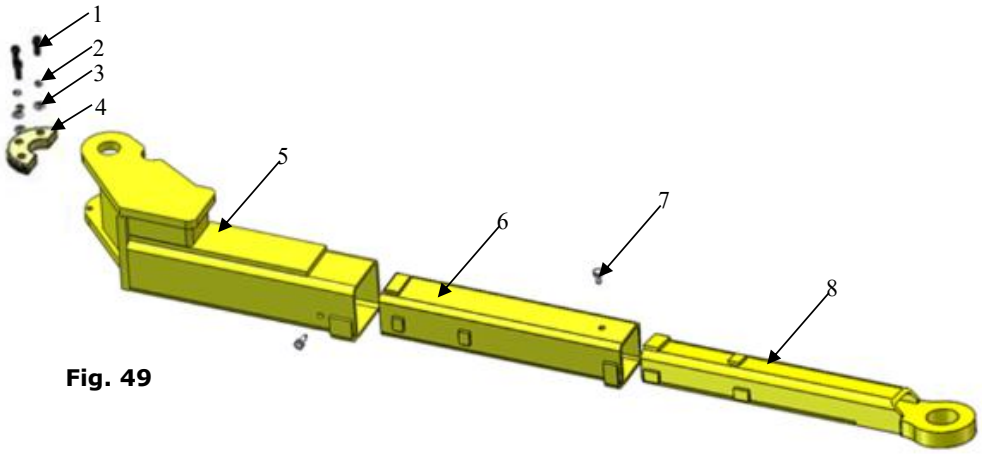


Fig. 49

Item	Part#	Description	QTY.
1	10206048	Socket bolt M10*30	3
2	10209039	Lock Washer φ10	3
3	10209022	Washer φ10	3
4	11206049	Moon gear	1
5	11206183	Outer arm - front right	1
6	11206189	Middle arm - front	1
7	10201149	Cap head bolt M8*12	2
8	11201049A	Inner arm - front	1

4.4 Cylinders (10217056)

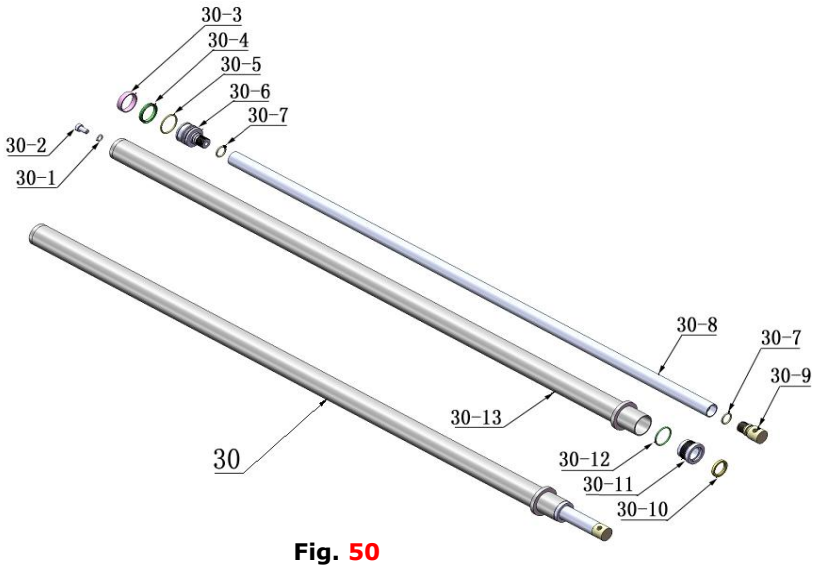


Fig. 50

Cylinder and Power-Unit Assembly

Parts for Cylinder

Item	Parts#	Description	Qty.
30-1	10209069	O-Ring	2
30-2	10209070	Bleeding Plug	2
30-3	10209071	Support Ring	2
30-4	10209072	Y-Ring	2
30-5	10209073	O-Ring	2
30-6	11209074	Piston	2
30-7	11209075	O-Ring	2
30-8	11217076	Piston Rod	2
30-9	11209077	Piston Rod Fitting	2
30-10	10209078	Dust Ring	2
30-11	11209079	Head Cap	2
30-12	10209080	O-Ring	2
30-13	11209081A	Bore Weldment	2

4.5 Manual Power Unit (071101) exploded view:

single phase,220V/60Hz

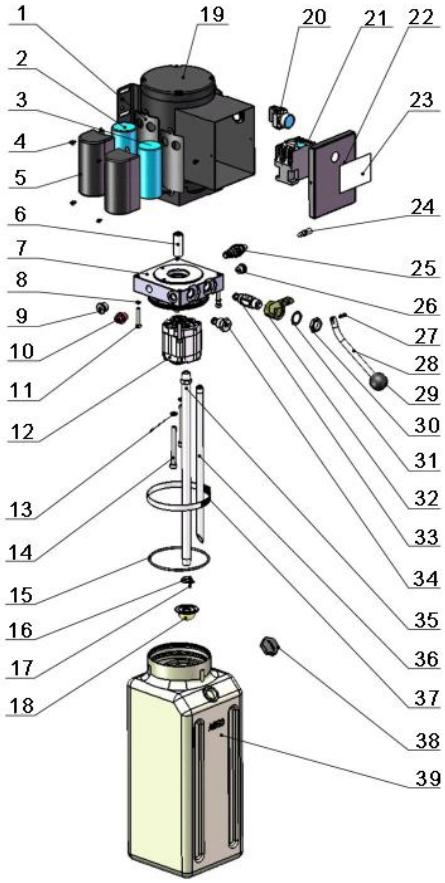


Fig.51

Power-Unit Parts

Part list for 220V/60HZ/single phase

Item	Parts#	Description	Qty.
1	81400180	Rubber pad	2
2	81400250	Starting capacitor	1
3	81400200	Running capacitor	1
4	10420148	Screw with washer	4
5	81400066	Capacitor cover	2
6	81400363	Motor connector	1
7	80101013	Manifold block	1
8	10209149	Washer	4
9	81400276	Iron Plug	1
10	81400259	Red rubber plug	1
11	85090142	Hex bolt	4
12	81400280	Gear pump	1
13	10209034	washer	2
14	81400295	Hex nut	2
15	81400365	O-ring	1
16	10209152	Ties	1
17	85090167	Magnet	1
18	81400290	Filter	1
19	81400413	Motor	1
20	10420070	Button switch	1
21	41030055	AC contractor	1
22	81400287	Motor wiring cover	1
23	71111104	Label	1
24	81400560	Throttle valve	1
25	81400266	Relief valve	1
26	81400284	Plug	1
27	10720118	Elastic pin	1
28	81400451	Release handle	1
29	10209020	Plastic ball for handle	1
30	81400421	Release valve nut	1
31	81400422	Self-locking washer	1
32	81400449	valve seat(short)	1
33	81400567	Release valve	1
34	81400566	Check valve	1
35	81400288	Oil suction hose	1
36	81400289	Oil return hose	1
37	81400364	Clamp(stainless steel)	1
38	81400263	Oil tank cap	1
39	81400275	Oil tank	1

Hydraulic Power-Unit Reference

Figure 52 identifies the release valve, check valve, relief valve, throttle valve, and hydraulic ports. Use these references when connecting or servicing the power unit.

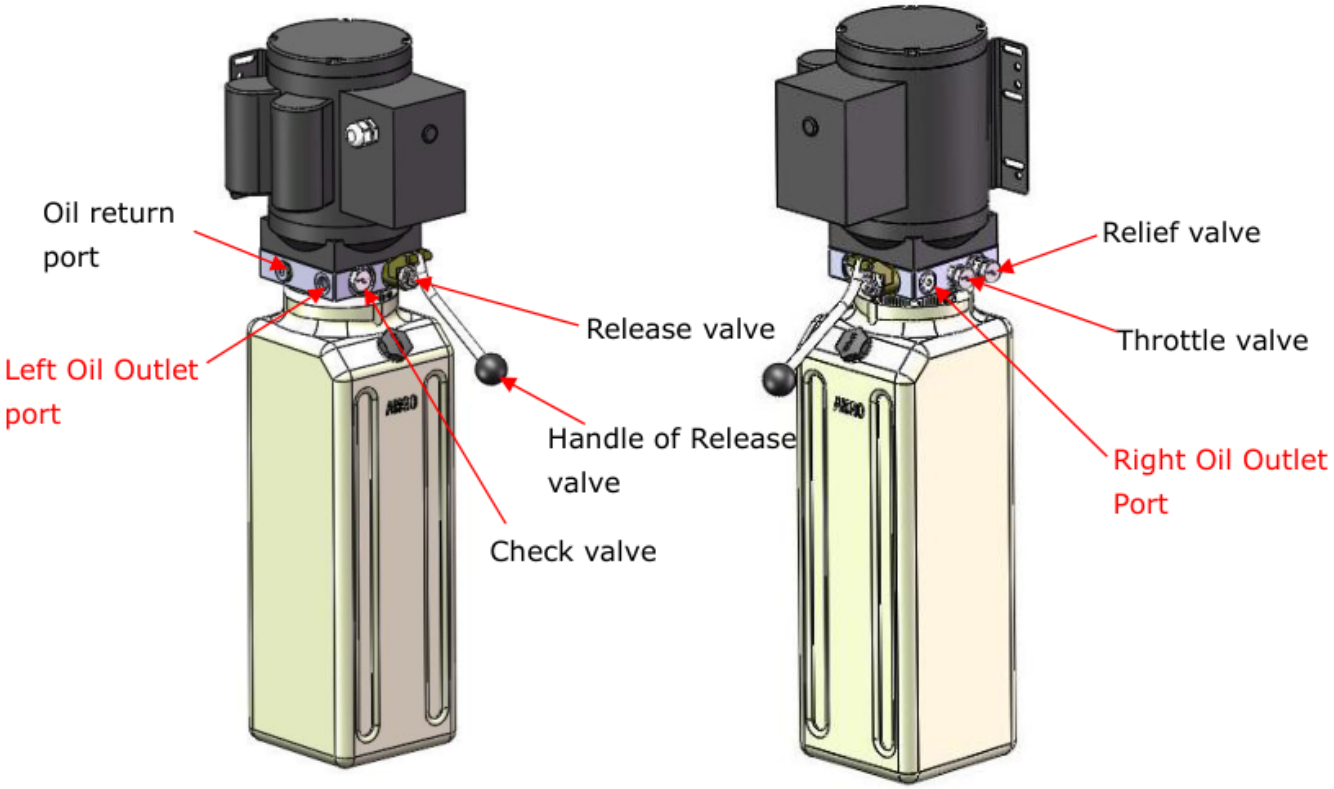


Fig. 52

Initial Adjustment and Test Run

Equalizer cables: hold the cable fitting with a wrench and tighten the cable nut until both cables have equal tension. If the carriages move unevenly, adjust the cable nut on the lower carriage until both sides travel together (Figure 53).

Safety-release cable: raise both carriages and engage the locks at the same height. Take up the cable slack, then release a small amount of tension and tighten the cable nuts. Verify that both safety devices lock and release correctly. Install the plastic safety covers.

Bleed the cylinders: raise the carriages to approximately 3 ft 3-3/8 in. Loosen the bleed plug at the top of each cylinder, allow trapped air to escape, and retighten the plug. Repeat if the lift does not move smoothly (Figure 54).

Lowering speed: turn the throttle valve clockwise to slow the descent or counterclockwise to increase it (Figure 55).

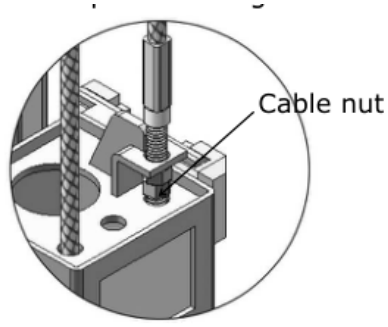


Fig. 53

Fig. 53 - Equalizer-cable adjustment

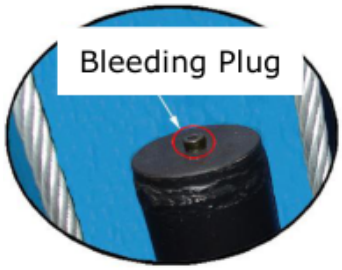


Fig. 54

Fig. 54 - Cylinder bleed plug

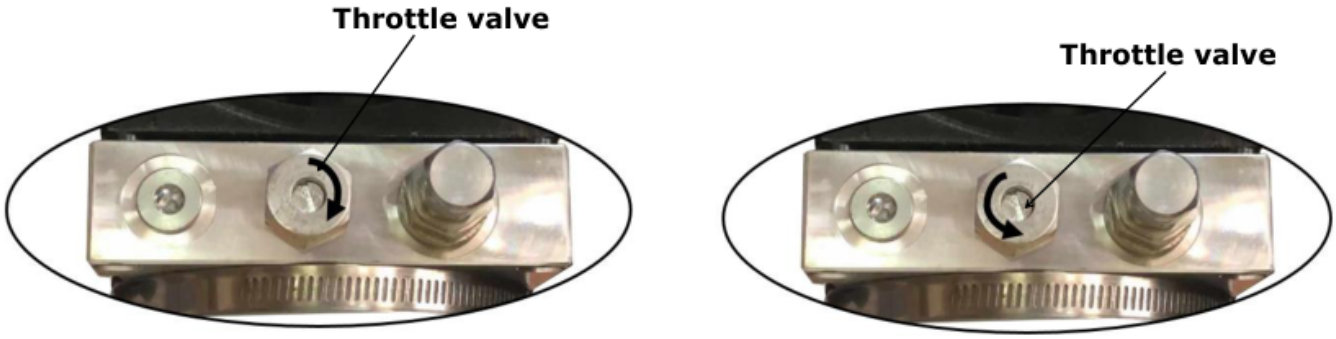


Fig. 55

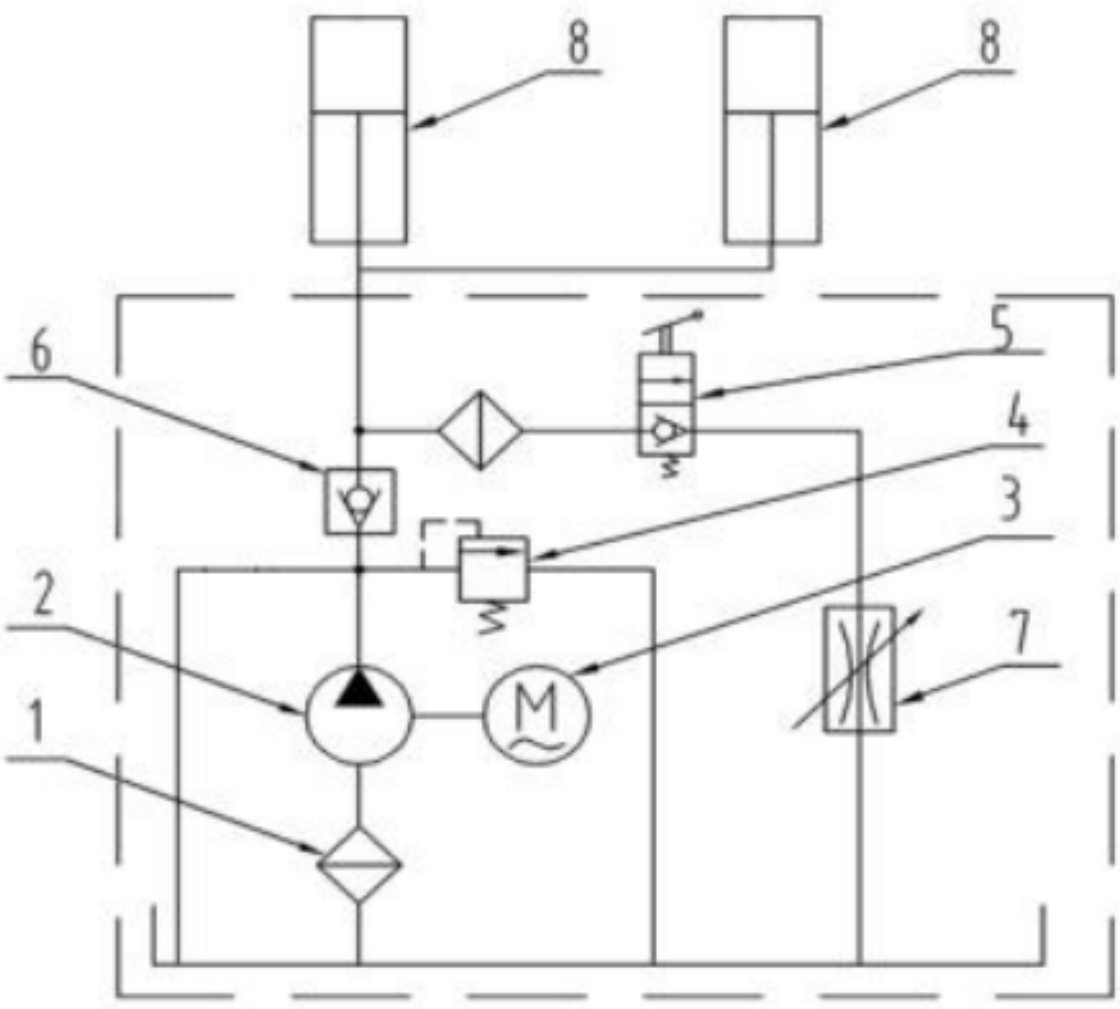
Load Test and Hydraulic Circuit

After completing the adjustments, test the lift with a load within its rated capacity. Keep the first few cycles close to the floor and confirm that both carriages rise and lower together and that the safety locks engage and release together.

When low-level operation is correct, complete a full-height test. Stop and correct any uneven movement or safety malfunction before putting the lift into service.

Trapped air may cause vibration during initial cycles. Bleed the cylinders and repeat the controlled test cycles until operation is smooth.

Hydraulic circuit key: 1. Filter; 2. Gear pump; 3. Motor; 4. Relief valve; 5. Release valve; 6. Check valve; 7. Throttle valve; 8. Cylinder.



Operating the Lift

1. Clear the area around the lift. Lower the carriages fully, retract the arms, and swing them away from the vehicle path.

2. Drive the vehicle between the columns in the indicated direction. Position each arm at a lifting point recommended by the vehicle manufacturer.

3. Adjust the pads so all four contact the lifting points together. Press the power-unit UP button until the pads firmly contact the vehicle. Check pad placement and arm-restraint engagement.

4. Raise the vehicle slightly and check that it is stable and balanced. Continue raising slowly to the desired working height.

5. Use the lowering handle to lower the carriages onto the nearest mechanical safety locks. Confirm that both locks are fully engaged before starting vehicle service.

Lowering the Vehicle

1. Remove tools and equipment from beneath and around the vehicle. Keep everyone except the operator clear of the lift area.

2. Press UP to raise the vehicle slightly and unload the safety locks. Operate the safety release, then use the lowering handle to lower the vehicle in a controlled manner.

3. Once the vehicle is fully on the floor, swing the arms clear and retract them to their shortest length.

4. Drive the vehicle away only after all arms and pads are clear.

Inspection and Maintenance

Monthly: retorque the anchor bolts to 111 ft-lb. Check all fasteners, pins, and connections for secure mounting. Lubricate the cables, inspect hydraulic lines for wear and leaks, and test the safety devices. Lubricate rollers and pins with 90-weight gear oil or an equivalent lubricant.

If any anchor cannot hold the specified torque, stop using the lift until the anchor is replaced and the installation is corrected.

Every six months: inspect moving components for wear, interference, and damage. Check and adjust equalizer-cable tension, verify that the columns are plumb, inspect the rubber pads, and check the safety devices. Replace damaged or worn pads as needed.

Hydraulic cylinders: use ISO VG 46 anti-wear hydraulic oil. Change the oil as needed, depending on use and oil condition.

Complete at least one full raising-and-lowering cycle each day to help purge air from the system. Protect the piston rods from impacts and scratches, and remove debris from the rods and dust seals.

Troubleshooting

Disconnect power before service. Electrical and hydraulic repairs must be performed by qualified personnel. Stop using the lift until the cause of a malfunction is corrected.

SYMPTOM	POSSIBLE CAUSE / CORRECTIVE ACTION
Motor does not run	Check the control button, wiring connections, motor, overhead limit switch, and contactor. Repair the wiring or replace the failed component.
Motor runs; lift does not rise	Check motor rotation, gear-pump operation, release valve, relief/check valves, and oil level. Correct rotation according to the installed motor wiring; repair failed components or add the specified oil.
Lift will not hold position	Inspect the release valve, relief/check valves, cylinders, and fittings for leaks. Repair or replace affected components.
Lift rises slowly	Check for a blocked hydraulic line, low supply voltage, air in the oil, pump leakage, or an excessive load. Clear restrictions, correct electrical faults, restore oil level and bleed air, replace a leaking pump, or reduce the load.
Lift will not lower	Check whether the safety locks are still engaged. Inspect the release valve, safety-release cable, and hydraulic circuit. Release the locks or repair the failed component.

Disposal and Service Information

When the lift can no longer be used safely, remove it from service and dispose of it in accordance with applicable local requirements.

For parts, service, and warranty assistance, contact Quick Lift USA. Have the model and serial number available when requesting help.

Quick Lift USA automatically provides a two-year warranty on all non-wearable parts. Coverage begins on the date of purchase, regardless of installation or crate-opening date. No registration is required.

602-828-0950
www.quickliftusa.com