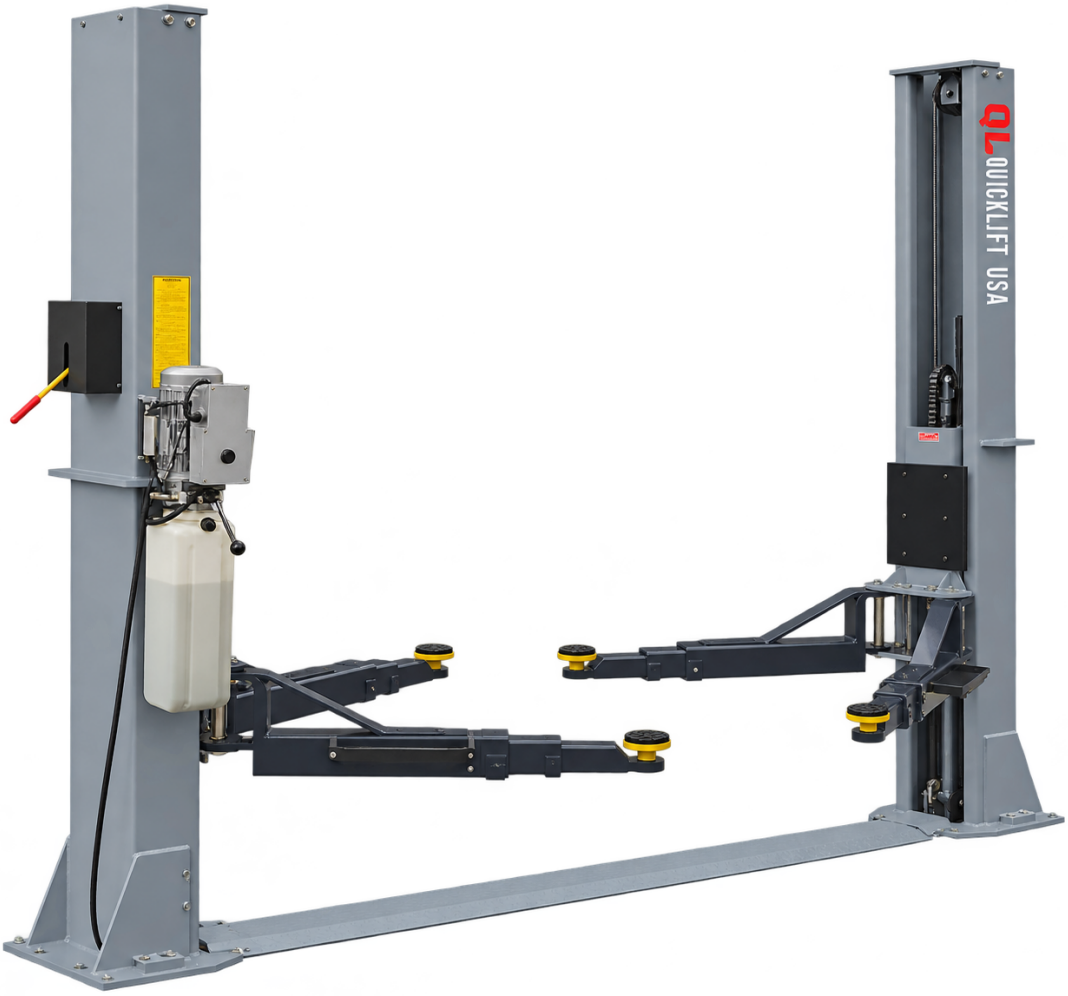
Installation and Owner Manual

QL12KBP

12,000 lb two-post baseplate 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

Only trained, authorized operators may use this lift. Read the entire manual and all warning labels before installing, operating, or servicing it. Failure to follow these instructions can cause serious injury or death.

Use the lift only for vehicles within its 12,000 lb rated capacity and compatible with its arm reach, pad height, and manufacturer-recommended lifting points. Verify that all four pads contact the vehicle correctly and that every arm restraint engages.

Raise the vehicle slightly and verify stability before continuing. Lower the vehicle onto the mechanical safety locks before performing service. Never work under a vehicle supported only by hydraulic pressure.

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 work correctly. Disconnect and secure the power supply before maintenance or repair.

Warranty: Quick Lift USA automatically provides a two-year warranty on all non-wearable parts. Coverage begins on the purchase date, not the installation date or the date the crate is opened. No registration 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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Operator Safety

Install and use the lift indoors only. Keep the work area clean, dry, and clear of obstacles, oil, grease, and debris. Operate only between 41°F and 104°F. Keep controls clean and dry, and wear suitable clothing and non-slip protective footwear.

Keep hands, feet, and other body parts clear of moving components. No one may remain inside the vehicle while it is being lifted. Keep customers and other bystanders outside the lift area during operation.

Before driving in or out, fully lower the lift, retract the arms, and swing the arms and pads clear of the vehicle path. Never strike or drive over an arm or lifting pad.

Keep all safety devices and warning labels in place. Do not operate a lift with missing or damaged parts. Do not modify the lift. Repairs must be performed by qualified, authorized technicians using the correct replacement parts.

Ground the lift correctly. The equipment grounding conductor must connect to the designated ground connection. Disconnect and secure the electrical supply before opening electrical components or making repairs.

Do not operate near flammable gases or vapors. Electrical components can produce sparks. Stay alert during operation. If a vehicle becomes unstable or appears likely to fall, keep everyone clear of the lift.

Vehicle Stability and Warning Labels

Position the pads only at lifting points specified by the vehicle manufacturer. Use the supplied adapters or compatible saddle adapters when needed to make secure contact. Keep the vehicle centered between the columns.

Removing or installing heavy vehicle components can shift the center of gravity and make a raised vehicle unstable. Follow the vehicle manufacturer's service procedures and support requirements for the work being performed.

Before working beneath a raised vehicle, verify that both carriages rest securely on their mechanical safety locks. Before lowering, remove tool trays, stands, equipment, and other obstructions, then raise the lift slightly to unload and release the locks.

DANGER identifies a risk of death or serious injury. WARNING identifies unsafe practices that can cause death or serious injury. CAUTION identifies risks of injury or equipment damage. ATTENTION identifies conditions that can damage equipment or property.

Keep the operating instructions and safety reminders available to every operator. Inspect the lift daily and correct faults before returning it to service.

When receiving the lift, record missing items or shipping damage on the delivery paperwork. Refuse a damaged shipment when appropriate and contact Quick Lift USA for assistance.

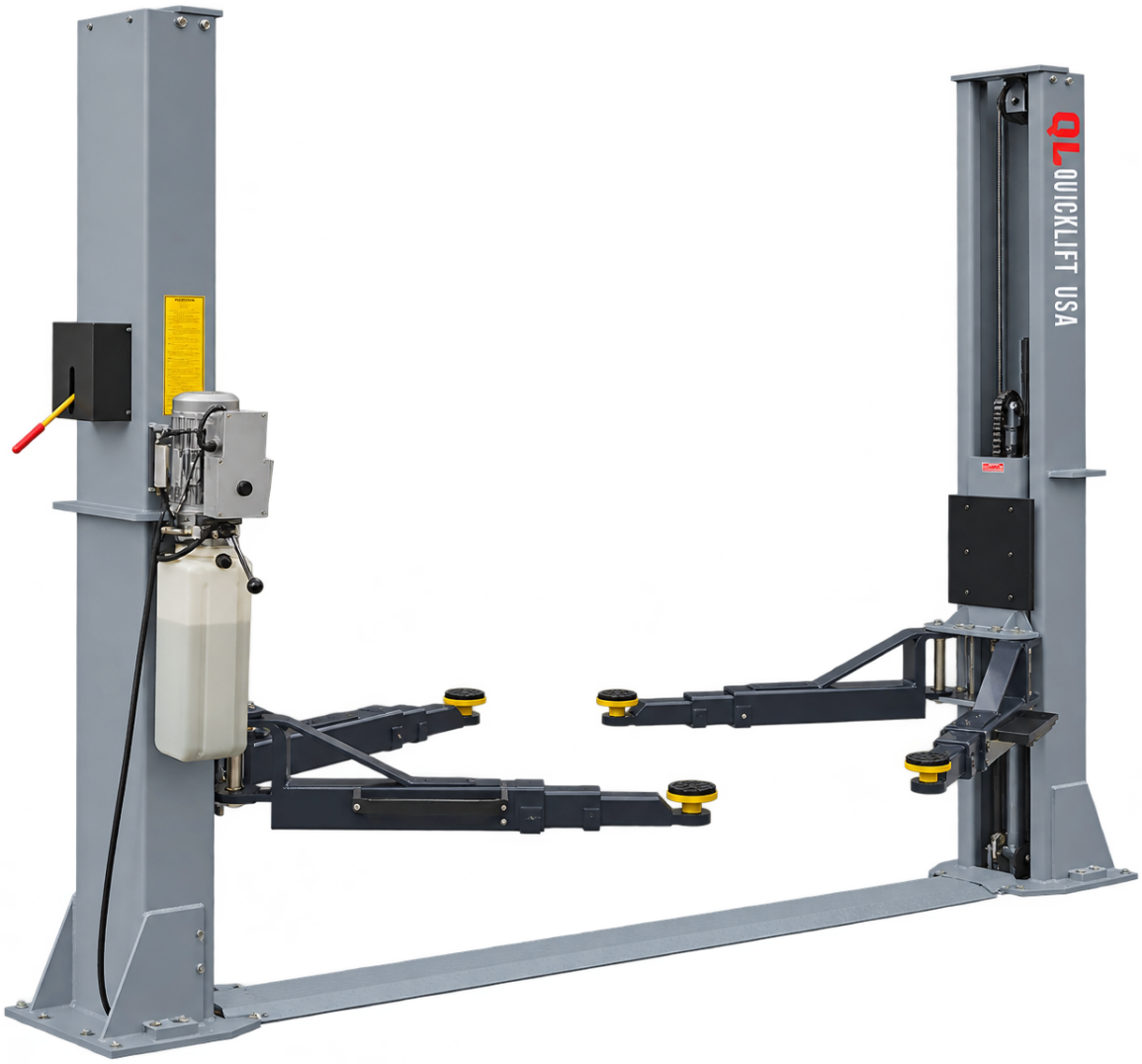
Product Overview

The QL12KBP is a heavy-duty, 12,000 lb baseplate two-post lift. Its chain-driven hydraulic design and floor-level crossover eliminate an overhead beam, making it suitable for compatible cars, trucks, and SUVs in spaces with lower ceilings.

Two installation widths provide 118-1/8 in. or 123-1/2 in. between the columns. Use the corresponding cable, hose, and floor-cover arrangement for the selected width.

Four symmetrical, three-stage arms reach manufacturer-recommended lifting points. Automatic arm restraints secure the arms during lifting. Included 3 in. and 6 in. extension adapters and adjustable screw pads accommodate different lifting-point heights.

Dual hydraulic cylinders, equalizer cables, self-lubricating UHMW polyethylene sliders, and bronze bushings support smooth carriage travel. A single-point release operates both column safety locks. The power unit is rated 2 HP, 220V, single-phase.



Technical Specifications

The two width configurations require different cable connections, crossover hoses, and floor-cover assemblies. Select the configuration before positioning and anchoring the columns.

SPECIFICATION	VALUE
Model / capacity	QL12KBP / 12,000 lb
Lifting time	55 seconds
Maximum lifting height	73-1/4 in. without adapters; 82-1/4 in. with adapters
Overall height	122-1/2 in.
Overall width: narrow / wide	145-3/8 / 150-3/4 in.
Between columns: narrow / wide	118-1/8 / 123-1/2 in.
Drive-through: narrow / wide	104-1/2 / 109-7/8 in.
Minimum pad height	4-3/4 in. without adapters; 13-3/4 in. with adapters
Gross weight	2,150 lb
Motor / electrical supply	2 HP / 220V, single-phase

Arm Positioning

Lower both carriages completely, retract the arms, and swing them clear before driving between the columns. Keep the vehicle centered and avoid contacting the columns, arms, pads, or floor cover.

Position all four pads at lifting points specified by the vehicle manufacturer. Use the supplied adapters when needed for secure contact. Check arm-restraint engagement and vehicle stability at low height before continuing.

Installation Tools

Prepare a rotary hammer drill with a 3/4 in. masonry bit, hammer, level, chalk line, screwdrivers, pliers, locking wrench, 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 sized 10, 13, 14, 15, 17, 19, 24, and 27 mm. A 6 mm hex key is listed for assembly; arm-restraint adjustment uses a 10 mm hex key.

Match metric fasteners and tools to the supplied hardware. Use a forklift or hoist rated for the load.

Site and Foundation Requirements

Install and use the lift indoors in a dry, shaded, well-ventilated area. Concrete must be at least 6 in. thick, completely dry and cured, level, free of cracks, and rated at a minimum compressive strength of 3,500 psi. The factory specifies concrete without reinforcing steel bars.

Check the selected footprint, vehicle approach, and clearance around the lift. Overall lift height is 10 ft 2-1/2 in. Allow adequate ceiling clearance for the entire raised vehicle and all overhead obstructions.

Unsuitable concrete or improper anchoring can allow the lift or vehicle to fall. Verify site suitability before beginning installation.

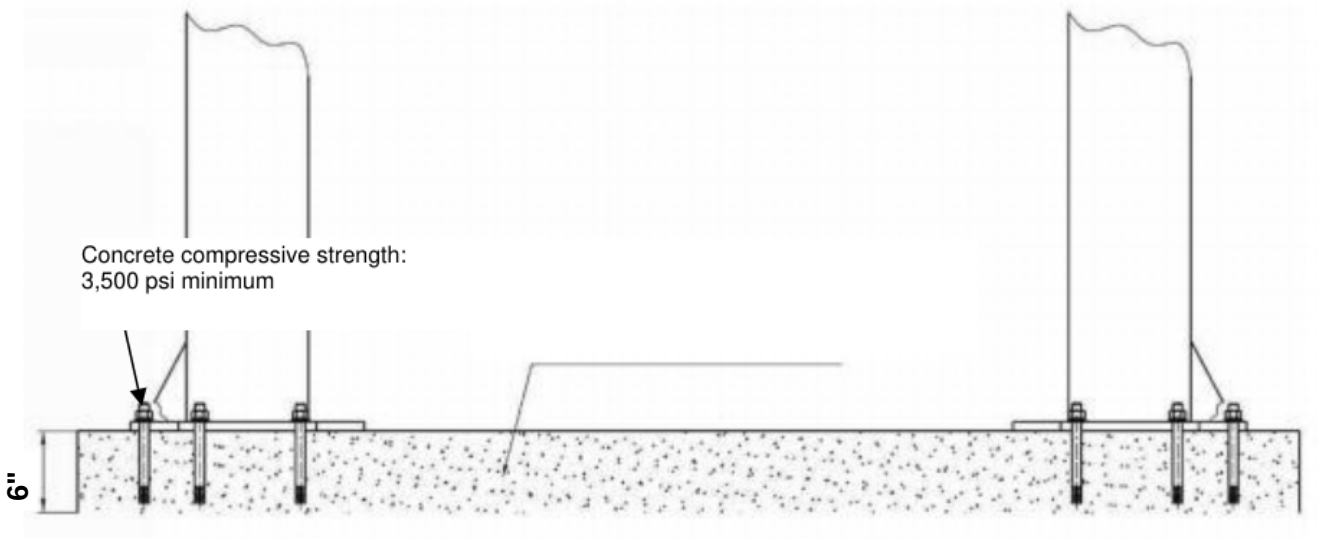


Fig. 5

Electrical Supply and Receiving

The power unit requires a 220V, single-phase supply and is rated 2 HP. A qualified electrician must verify the supply, conductor sizing, grounding, and connections against the installed power-unit data plate.

Keep the supply disconnected and secured during assembly and electrical work. Connect the equipment grounding conductor to the designated ground terminal.

Unload and move the packaged lift with a suitable forklift or hoist. Inspect the shipment and compare all parts and hardware with the supplied lists. Report missing items and shipping damage before installation.

Step A-B: Installation Layout

Confirm that the concrete, available space, and vehicle clearance are suitable. Choose either the narrow or wide installation width and mark the baseplate layout with a chalk line.

Carefully open the packaging, remove loose components from the columns, and remove the parts box. Compare the contents with the shipment parts list.

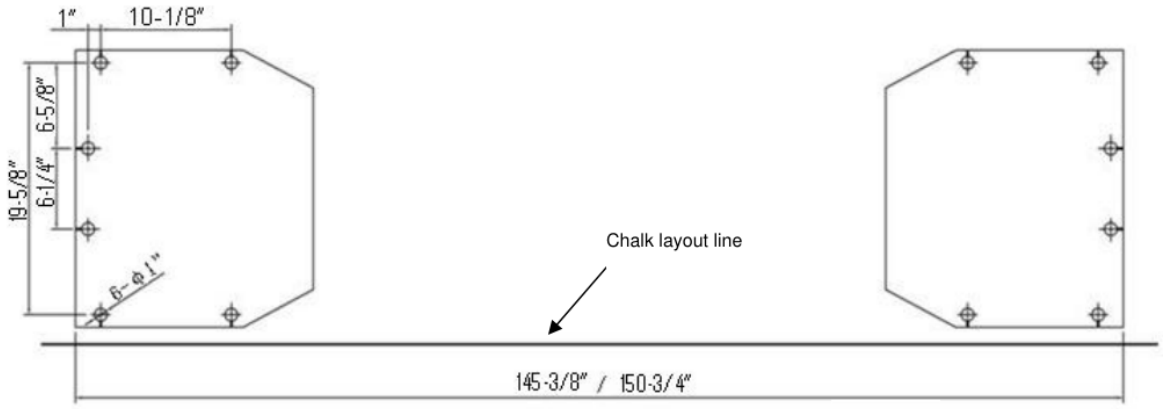


Fig. 6



Fig. 7

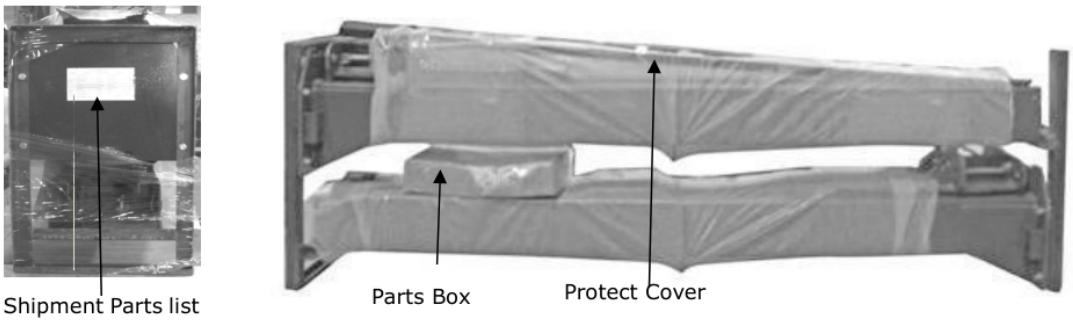


Fig. 8

Step C: Check Supplied Components

Remove loose parts from the upper and inner column areas. Loosen the upper shipping-frame bolts, remove the upper column, and remove the shipping frame.

Lay out all components and check them against the shipment list. Open each hardware bag and compare its contents with the parts-box list. Keep fasteners with their assigned components.

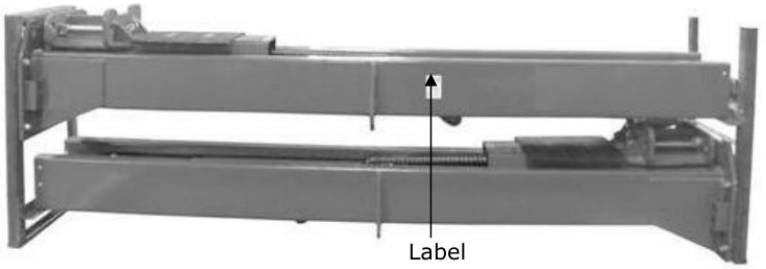
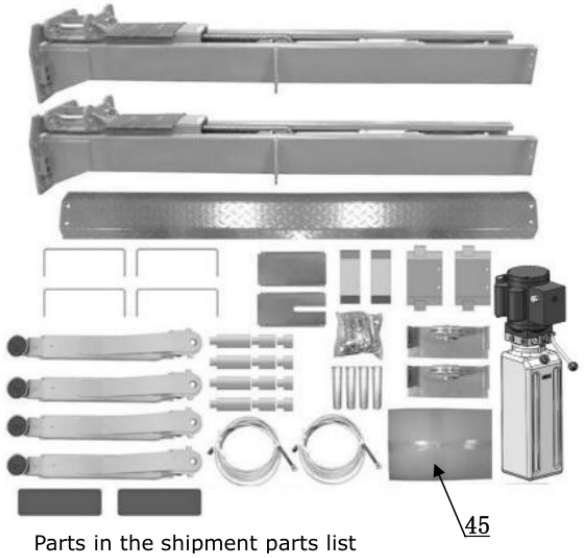


Fig. 9



Parts in the shipment parts list

Fig. 10



Fig. 11

Parts in the parts box (45)

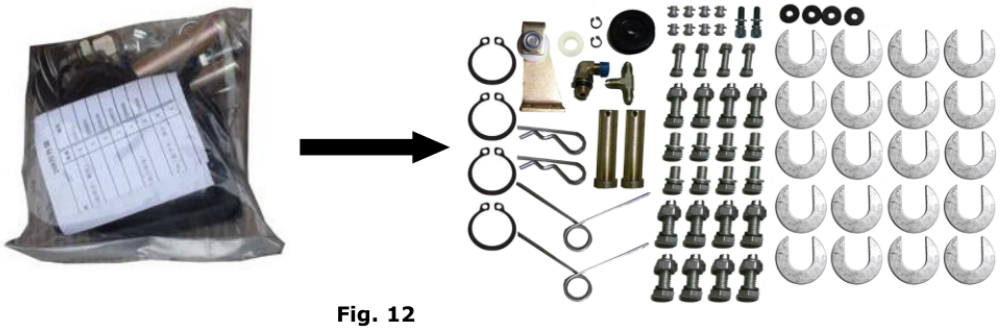


Fig. 12

Step D: Position the Columns

Lay both columns parallel at the installation site. Choose the power-side position to suit the site; the factory recommends the front-right side when viewed in the vehicle drive-in direction.

Install each top plate with the specified M12*30 hex bolts, nuts, and washers. Arrange the columns as shown in Figure 13.

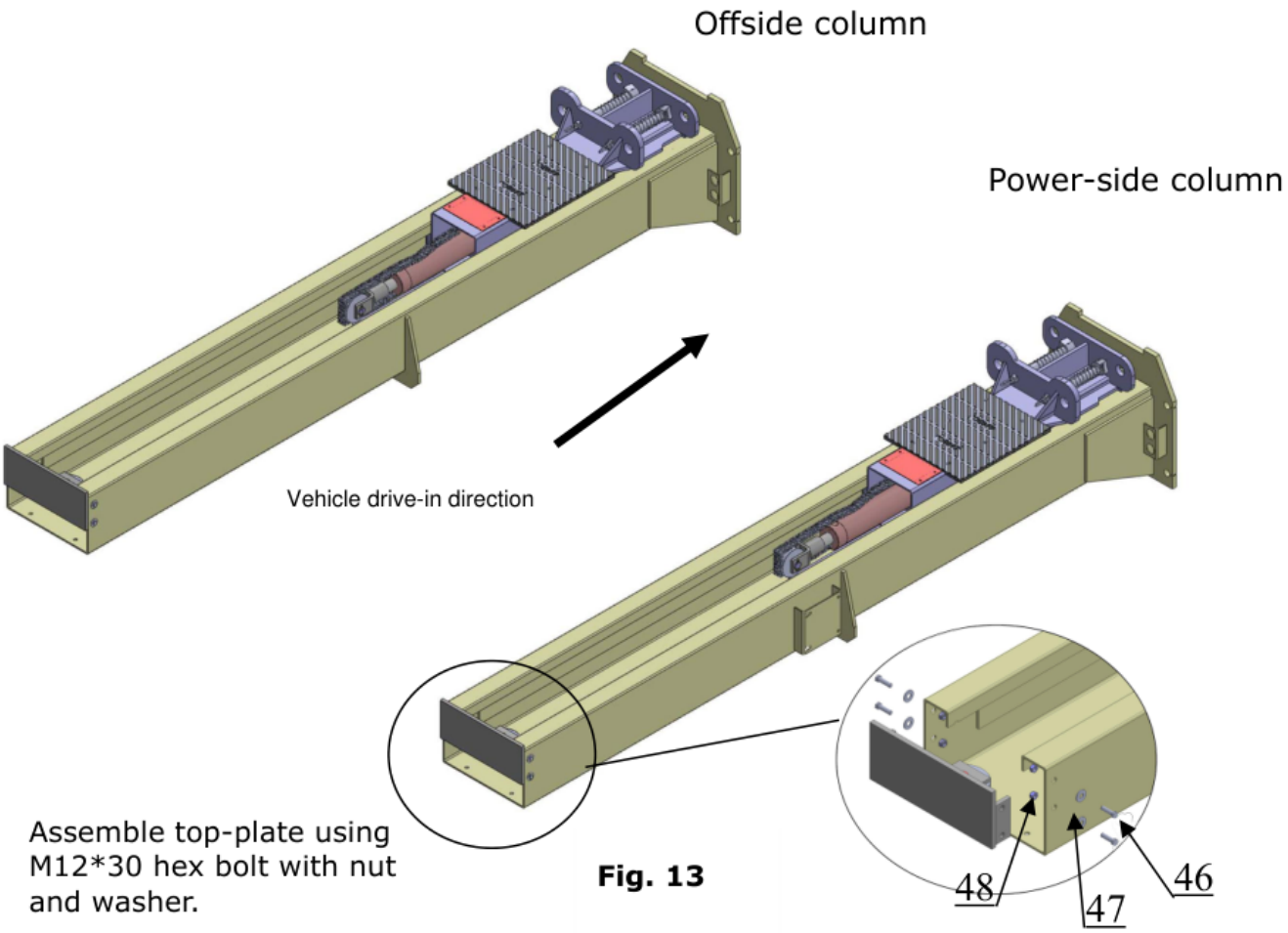


Fig. 13

Step E: Select Width and Check Plumb

Position both columns for the selected installation width. The narrow setting has 118-1/8 in. between columns and a 145-3/8 in. overall width. The wide setting has 123-1/2 in. between columns and a 150-3/4 in. overall width.

Check each column for plumb from the front and side. Install shims as needed and recheck the layout. Leave the anchors loose until the column positions are correct.

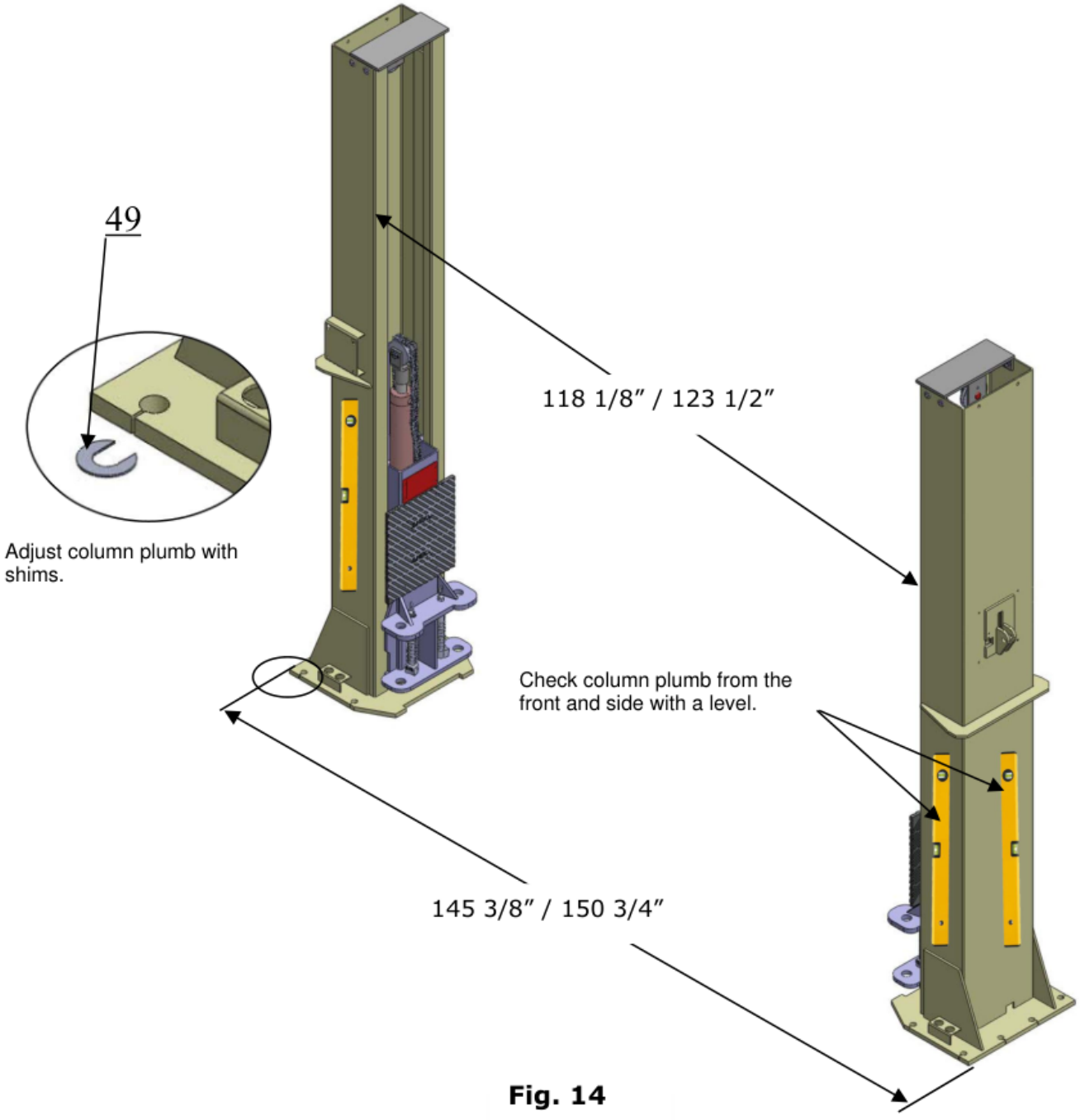


Fig. 14

Step F: Install the Column Anchors

Prepare the supplied anchor bolts, nuts, washers, and lock washers. Drill the holes with the specified masonry bit, clean them thoroughly, and install the anchors.

Provide a minimum anchor embedment of 4-3/8 in. Tighten the anchors to 111 ft-lb. If an anchor cannot hold this torque, stop and correct the anchor or foundation before using the lift.

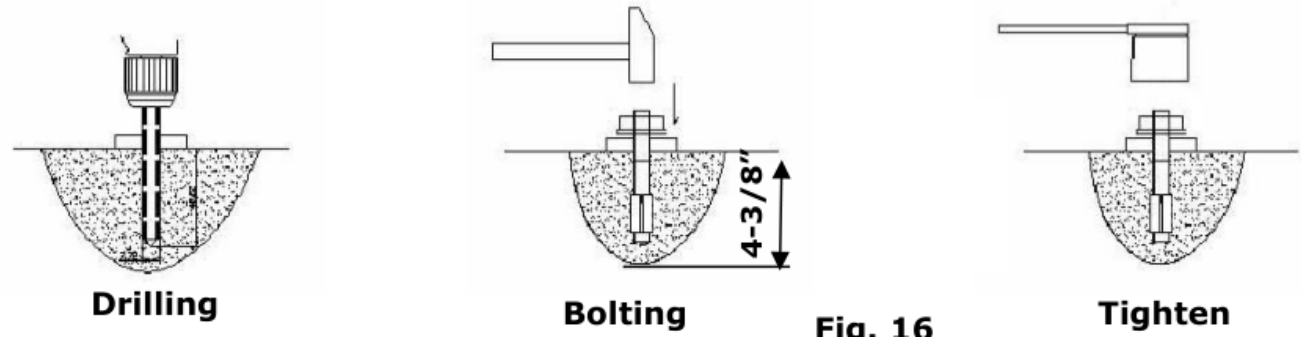
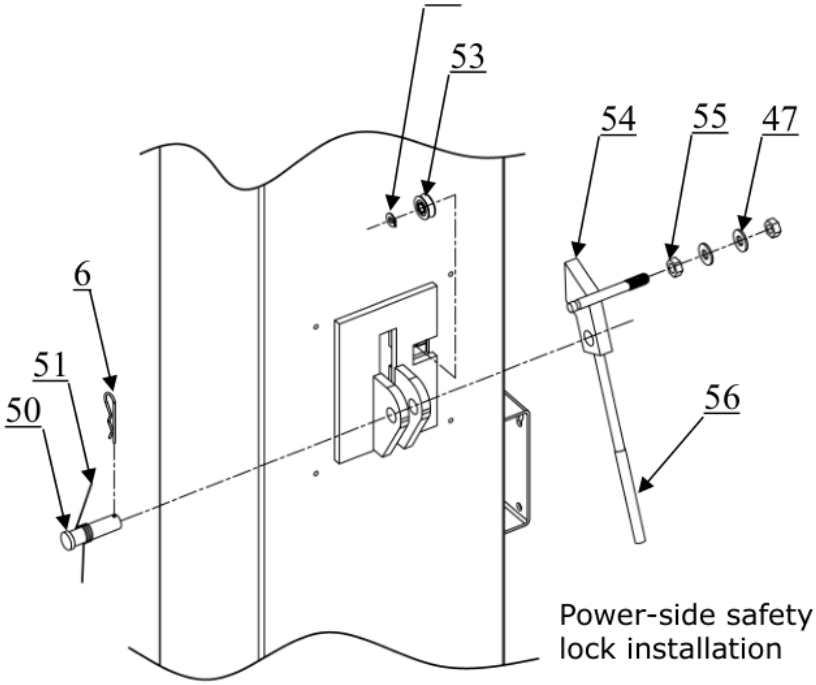


Fig. 16

Step G: Install the Safety Locks

Install the power-side and offside safety-lock assemblies using the component positions and hardware references shown in Figures 17 and 18.

Confirm that each lock moves freely, engages securely, and has all required fasteners in place. Do not modify or bypass a safety device.



Power-side safety lock installation

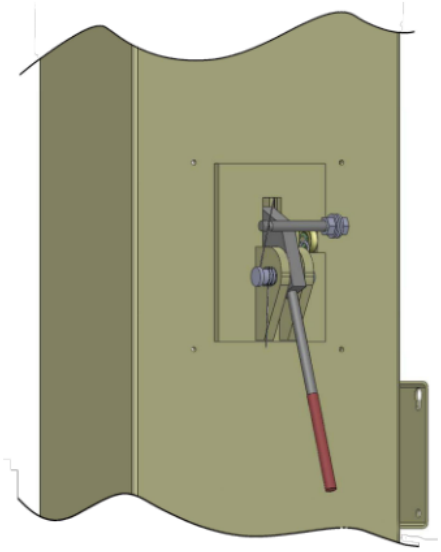
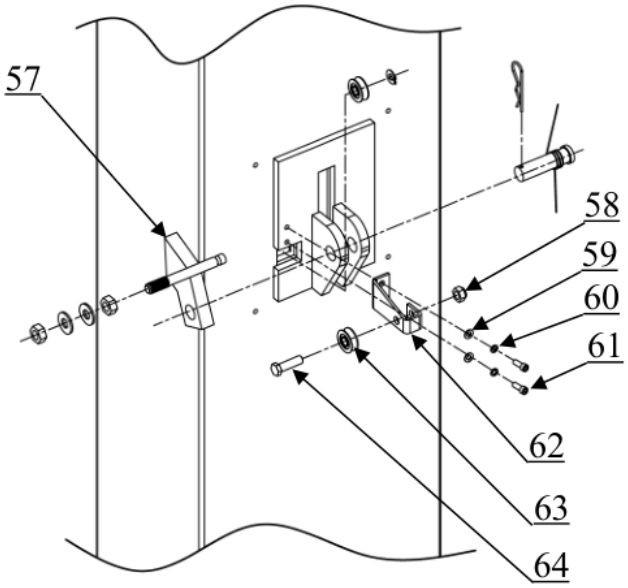
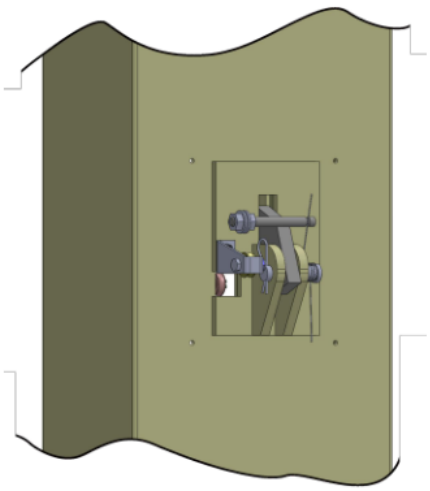


Fig. 17



Offside safety lock installation

Fig.18



Step H: Raise and Lock the Carriages

Raise both carriages and engage their mechanical safety locks at the same height. Confirm secure support before working on the cable connections.

Keep hands and feet clear of moving components. Follow the component arrangement shown in Figure 19.

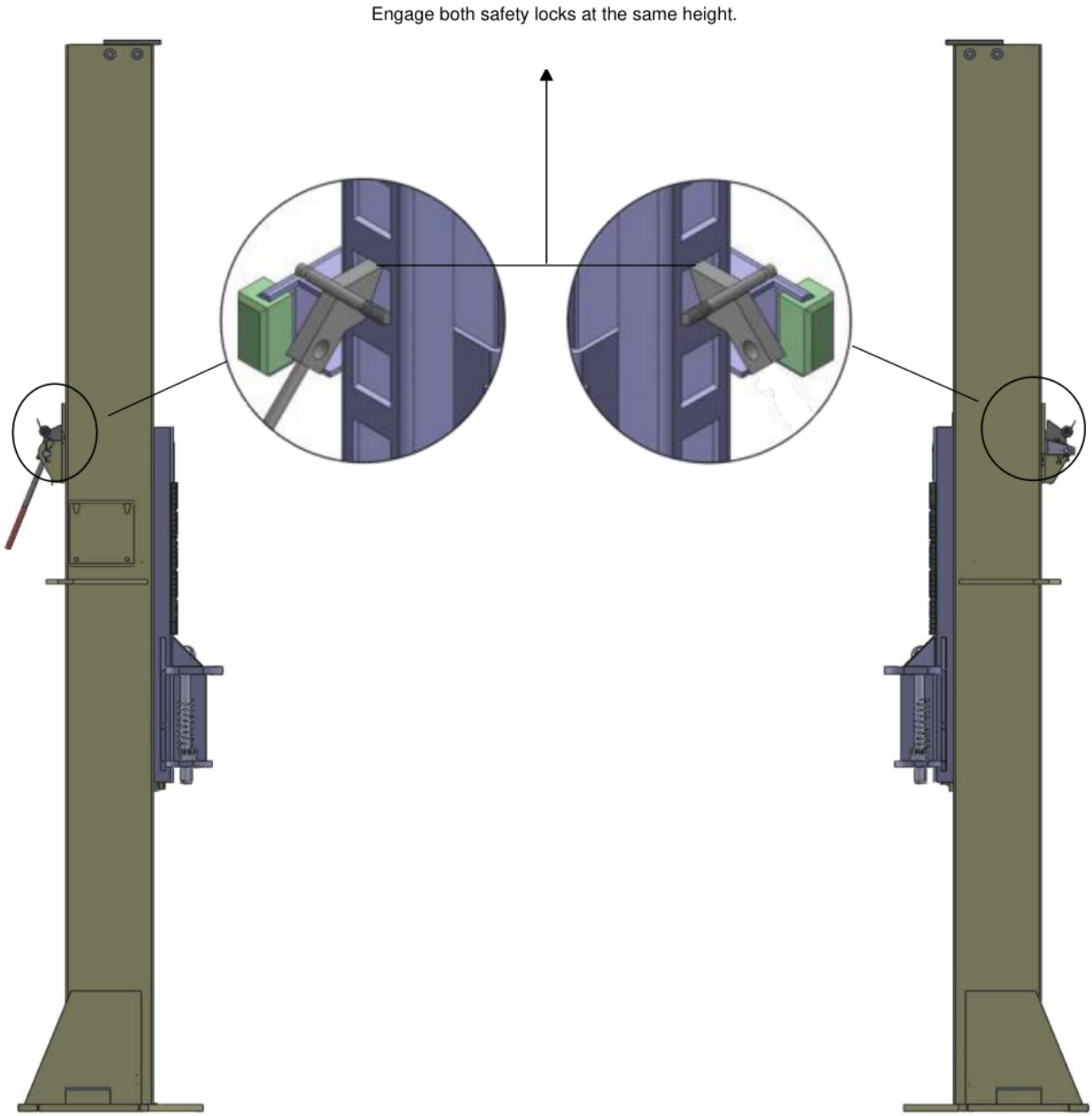


Fig.19

Step I: Wide-Setting Equalizer Cables

For the 150-3/4 in. overall width, route and connect the equalizer cables as shown in Figure 20. Pass the cable upward through the openings in both carriage bottom plates.

Keep the cables seated in all pulley grooves and clear of moving components. Use this arrangement only for the wide installation setting.

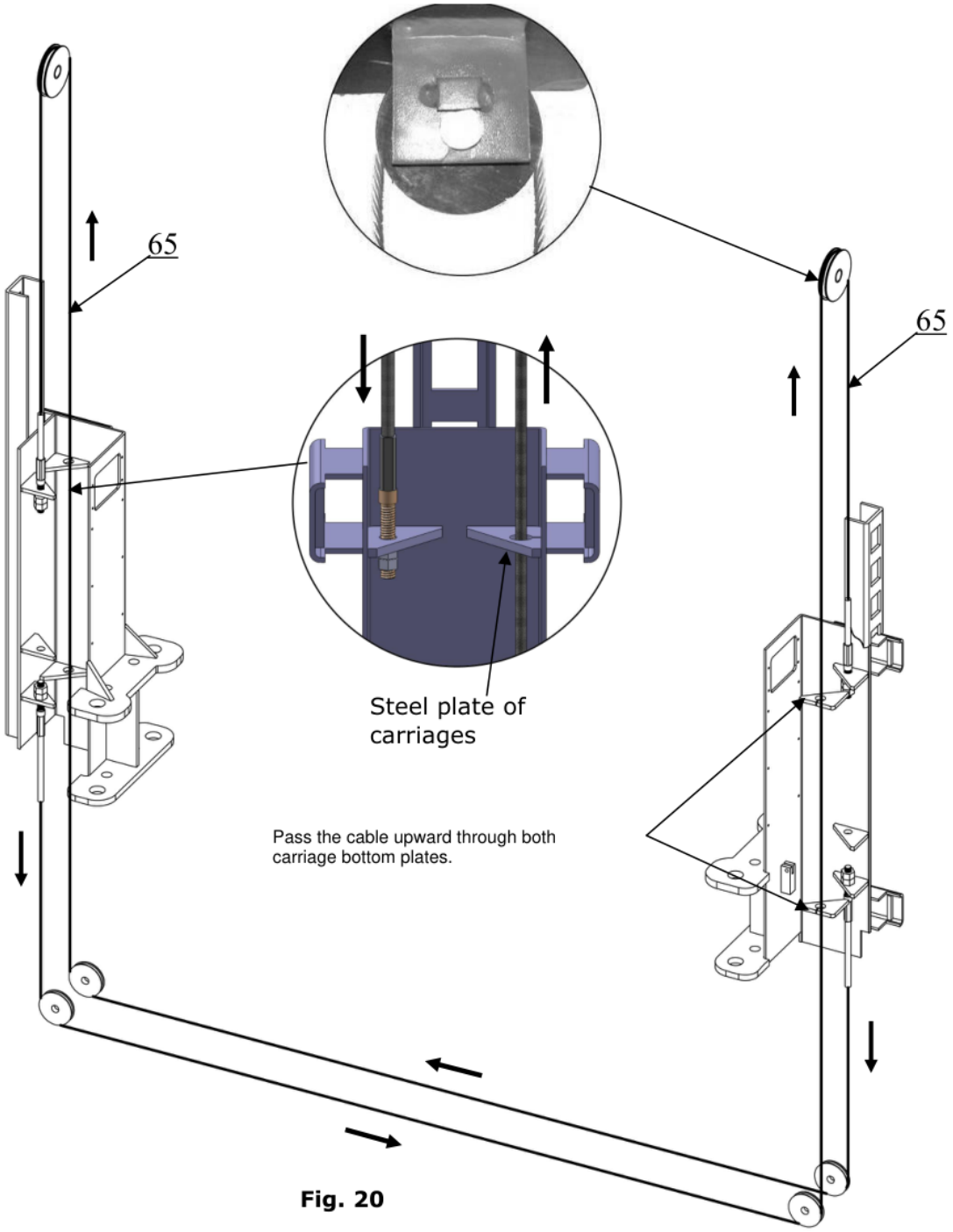


Fig. 20

Step I: Narrow-Setting Cable Connections

For the 145-3/8 in. overall width, use the connecting-block arrangement shown in Figure 21. Feed the cable upward through the carriage opening and the two inner connecting-block holes.

Install and tighten the two cable nuts against each other. Follow the illustrated routing direction and check each connection.

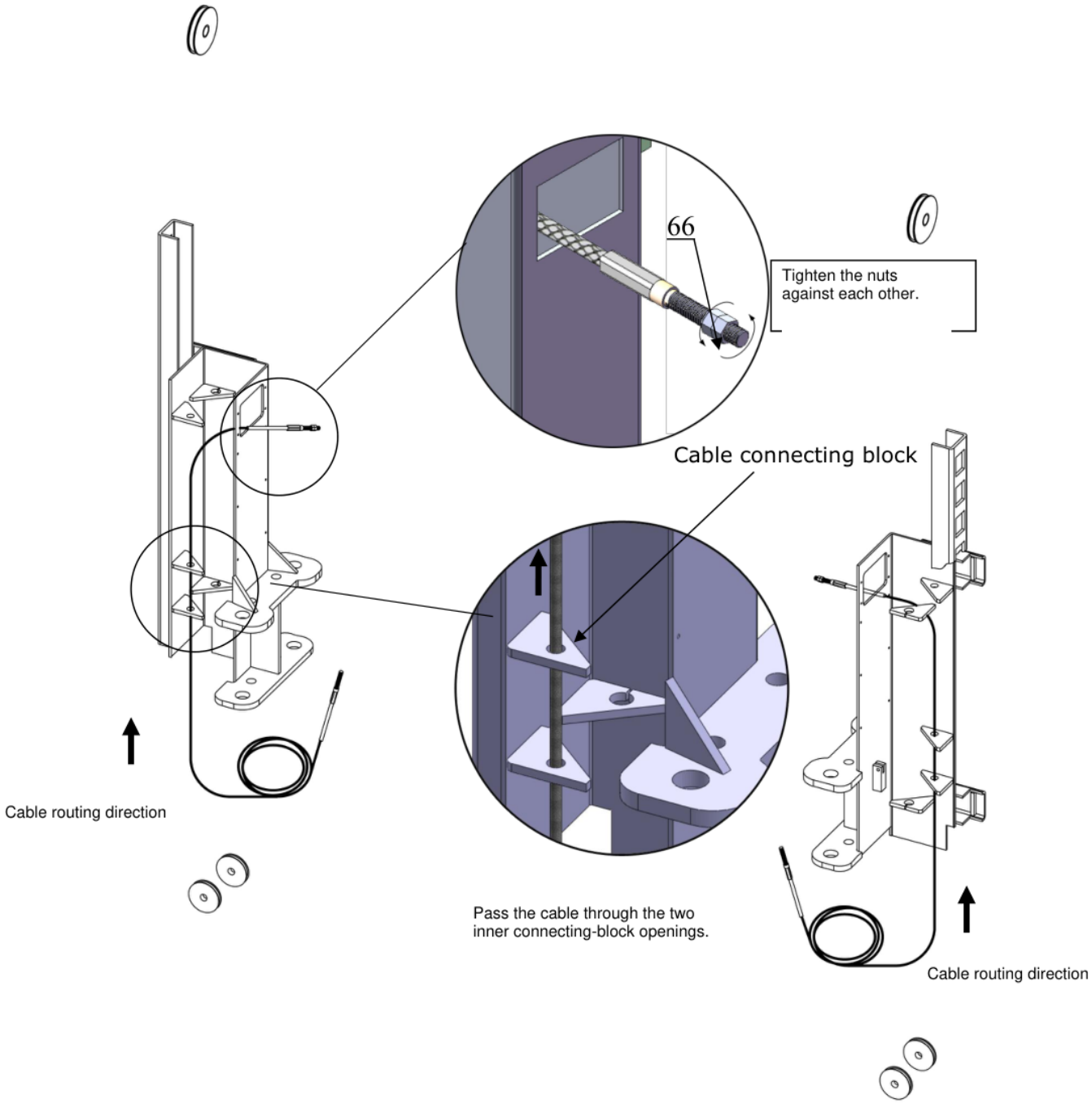


Fig. 21

Step I: Complete Narrow Cable Routing

Complete the narrow-setting cable routing exactly as shown in Figure 22. Check every pulley and carriage connection before proceeding.

Ensure that the cables are not twisted, pinched, incorrectly crossed, or rubbing against other parts. Final tension is adjusted during startup.

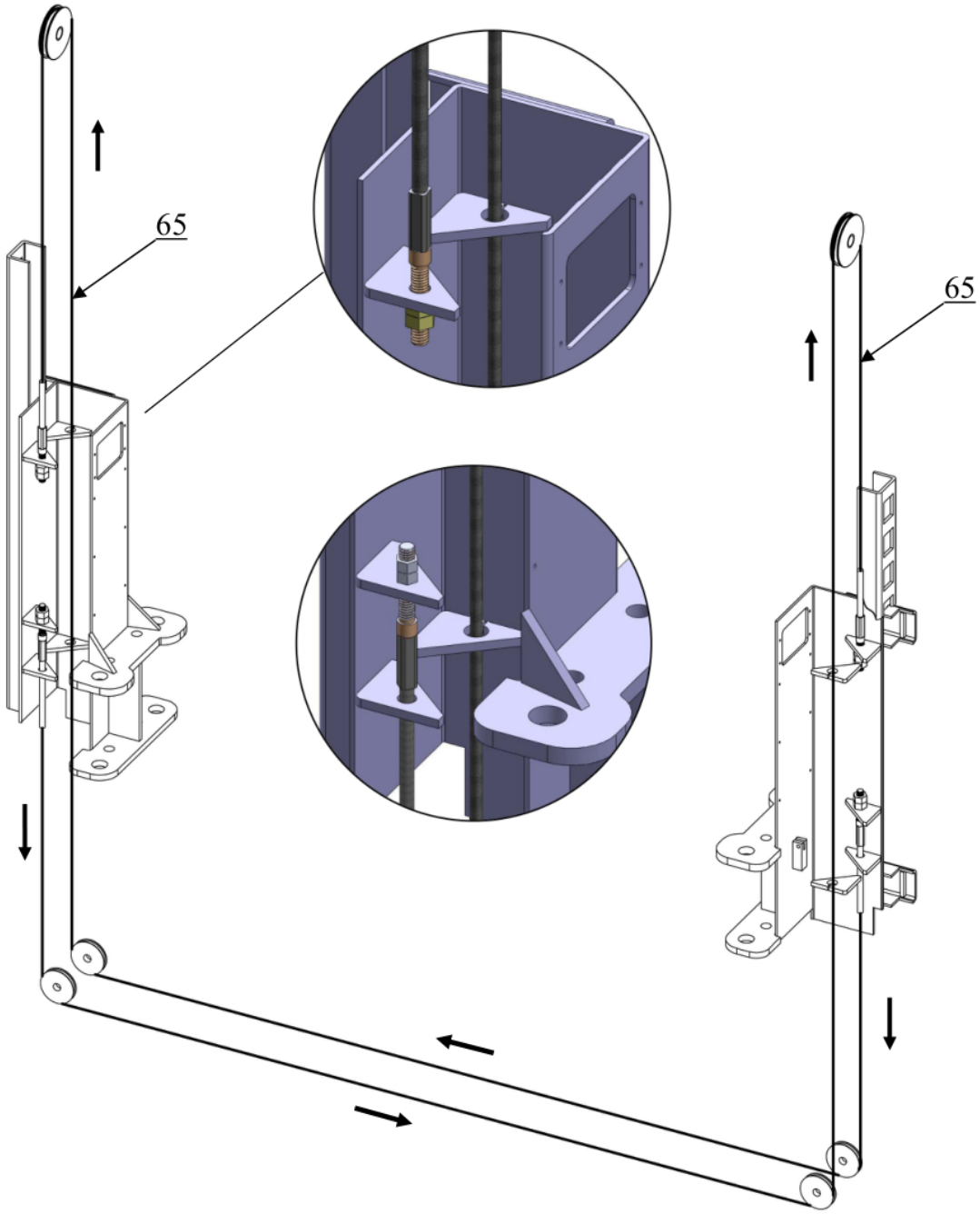


Fig. 22

Step J: Install the Safety-Release Cable

Begin at the offside safety lock and route the cable toward the power-side lock in the direction shown in Figure 23. Tighten its nuts after completing the connections.

Keep the cable in its pulley grooves and clear of hoses and moving components. Both locks must release together when the single-point release is operated.

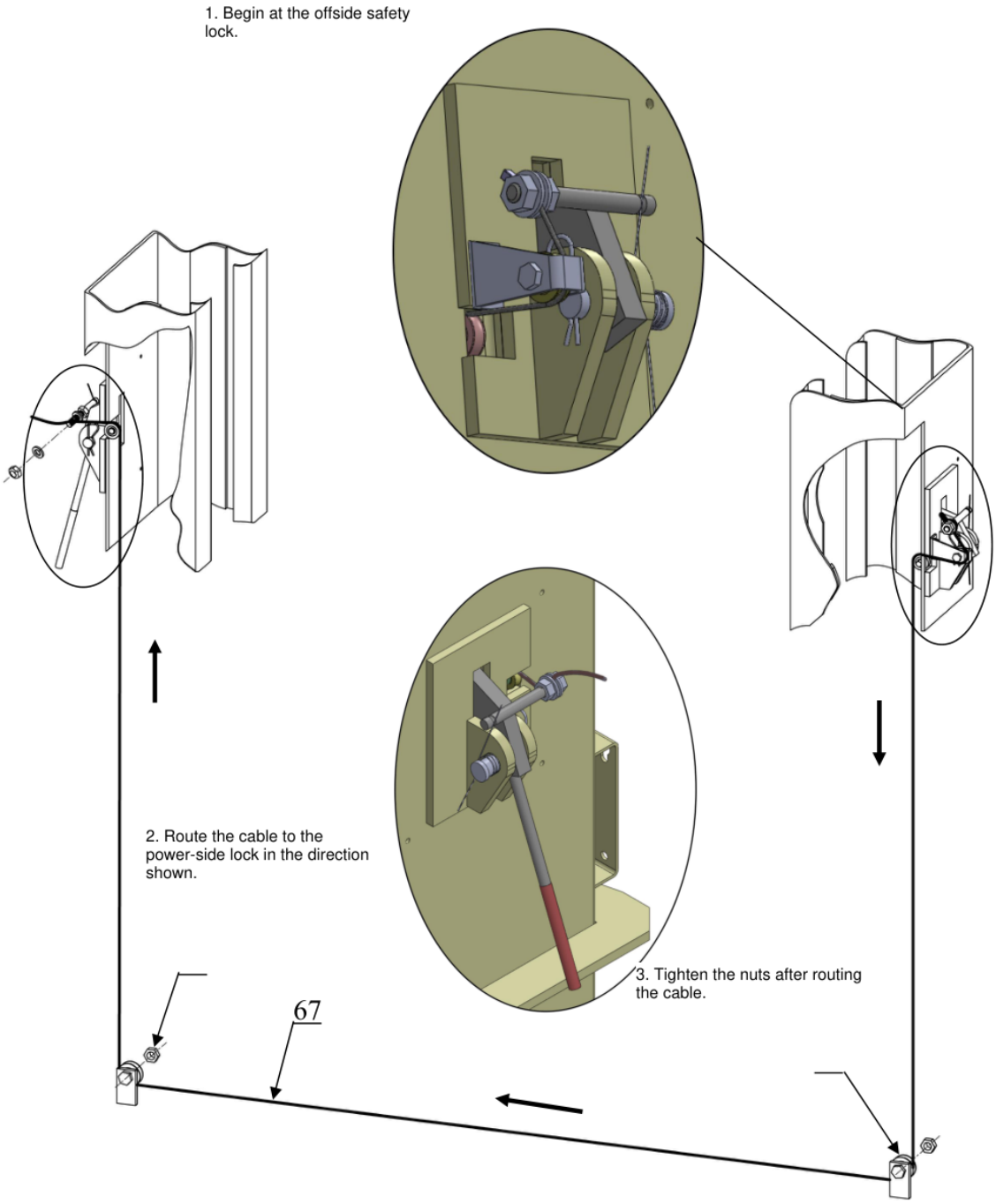


Fig.23

Step K: Install the Power Unit and Hoses

Mount the power unit and assemble the hydraulic hoses and fittings as shown in Figure 24. Keep the ports and hose interiors clean and tighten all connections.

For 118-1/8 in. between columns, use crossover hose 77. For 123-1/2 in. between columns, use hose 76. Match each hose to the parts list and the selected width.

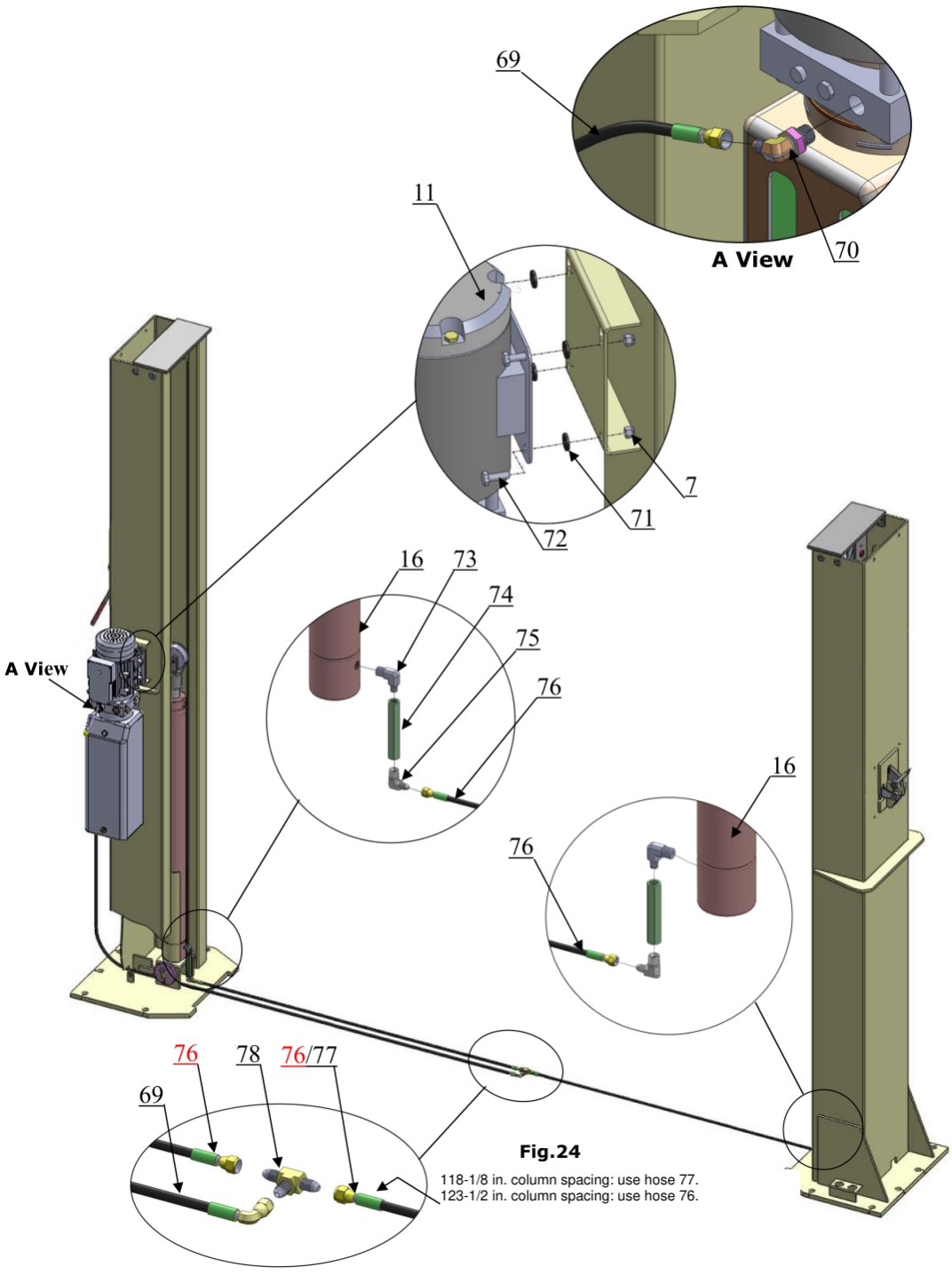


Fig.24

118-1/8 in. column spacing: use hose 77.
123-1/2 in. column spacing: use hose 76.

Step L: Install the Floor Cover

Choose the floor-cover arrangement that matches the selected column width. For 118-1/8 in. between columns, install the protective cover with its connecting plate. For 123-1/2 in., install the protective-cover assembly with its connecting plate.

Check the cable and hose routes before fastening the cover. Nothing may be pinched, trapped, or exposed to moving components.

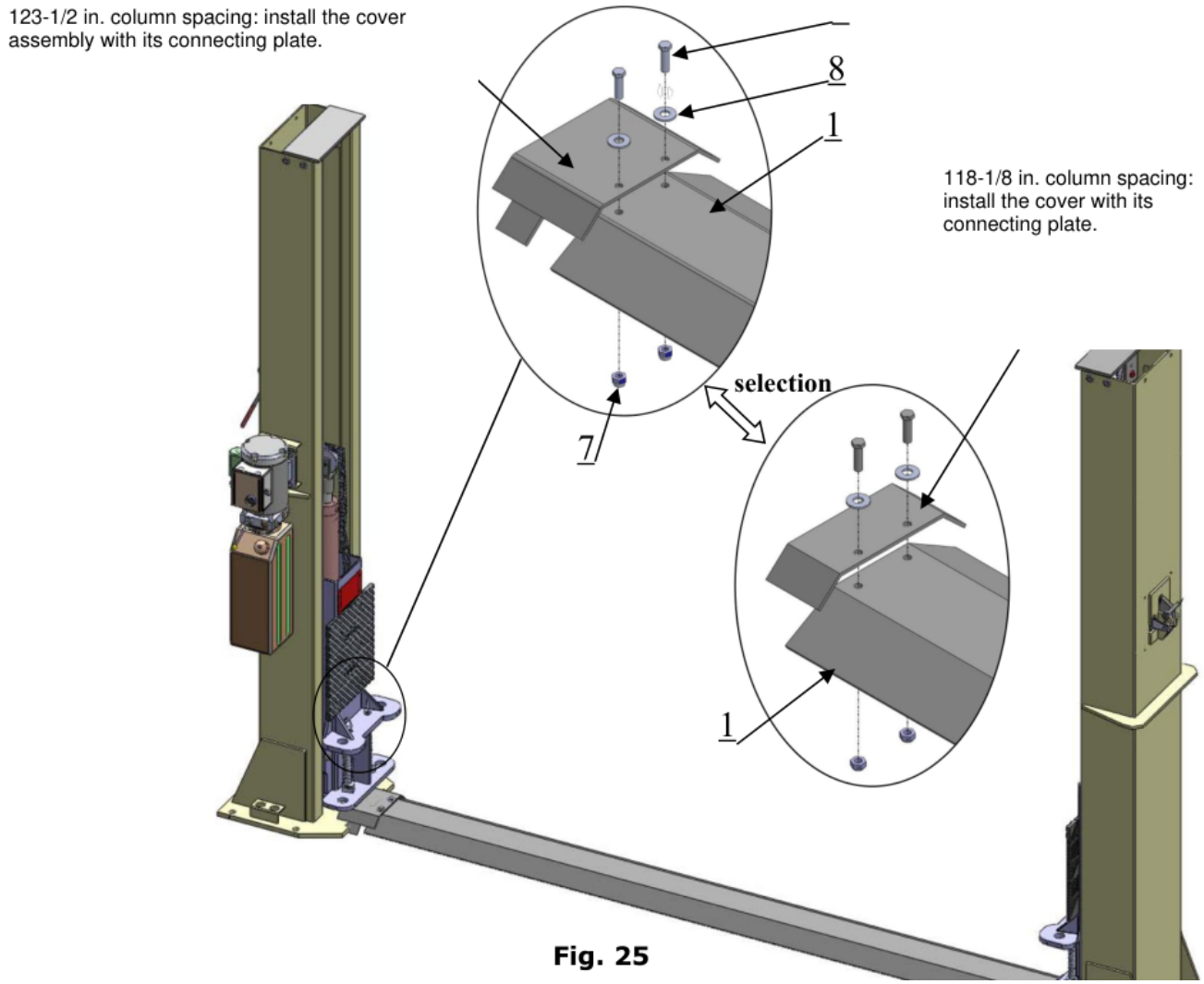


Fig. 25

Step M: Install the Lifting Arms

Install all four arms with the specified pins and retaining rings. Check secure retention and free movement.

Lower the carriages fully. Use a 10 mm hex key to loosen the arm-restraint socket bolt before adjusting the moon gear.

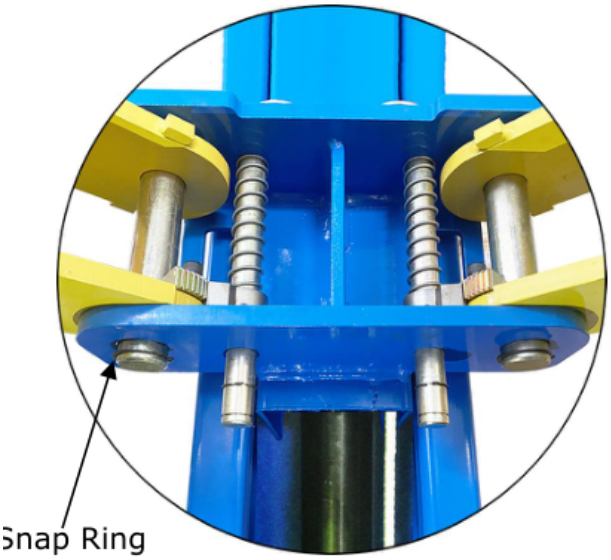


Fig. 26

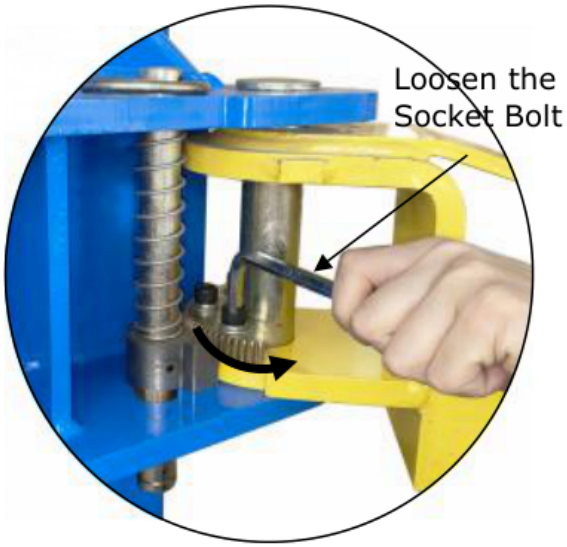


Fig. 27

Step M: Adjust the Arm Restraints

Adjust each moon gear in the direction shown until it fully engages the arm lock. Tighten the socket bolts after adjustment.

Check all four restraints before every use. Do not operate the lift with incomplete engagement, broken gear teeth, or damaged components. Use the correct replacement parts.

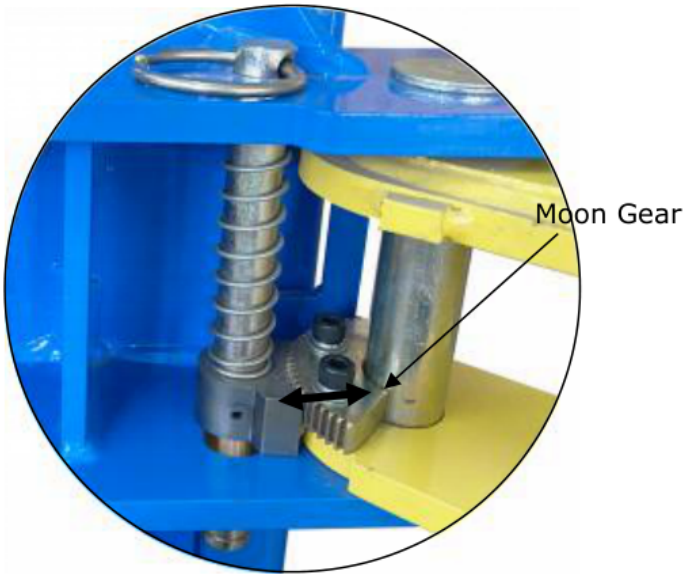


Fig. 28

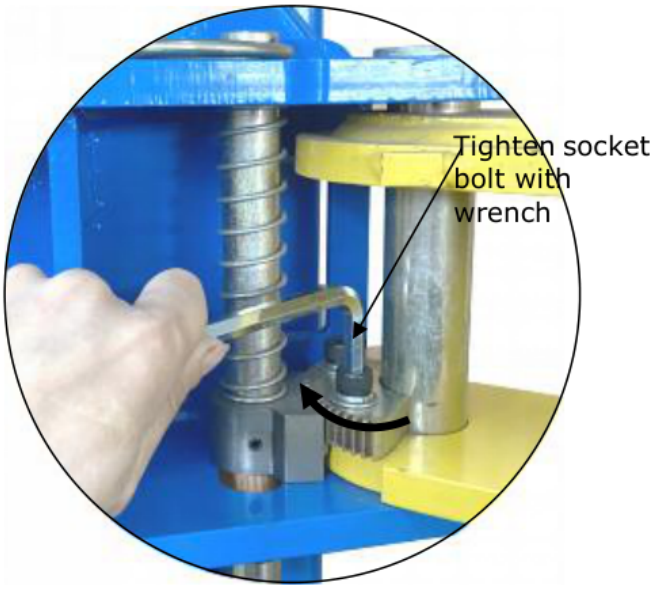


Fig. 29

Step N: Guardrails and Oil Fill

Install the lifting-arm guardrails with the specified hardware as shown in Figure 30. Verify that every guard is securely attached.

Tighten all hydraulic fittings and fill the reservoir with clean ISO VG 46 anti-wear hydraulic oil. Keep dirt, water, and other contaminants out of the system.

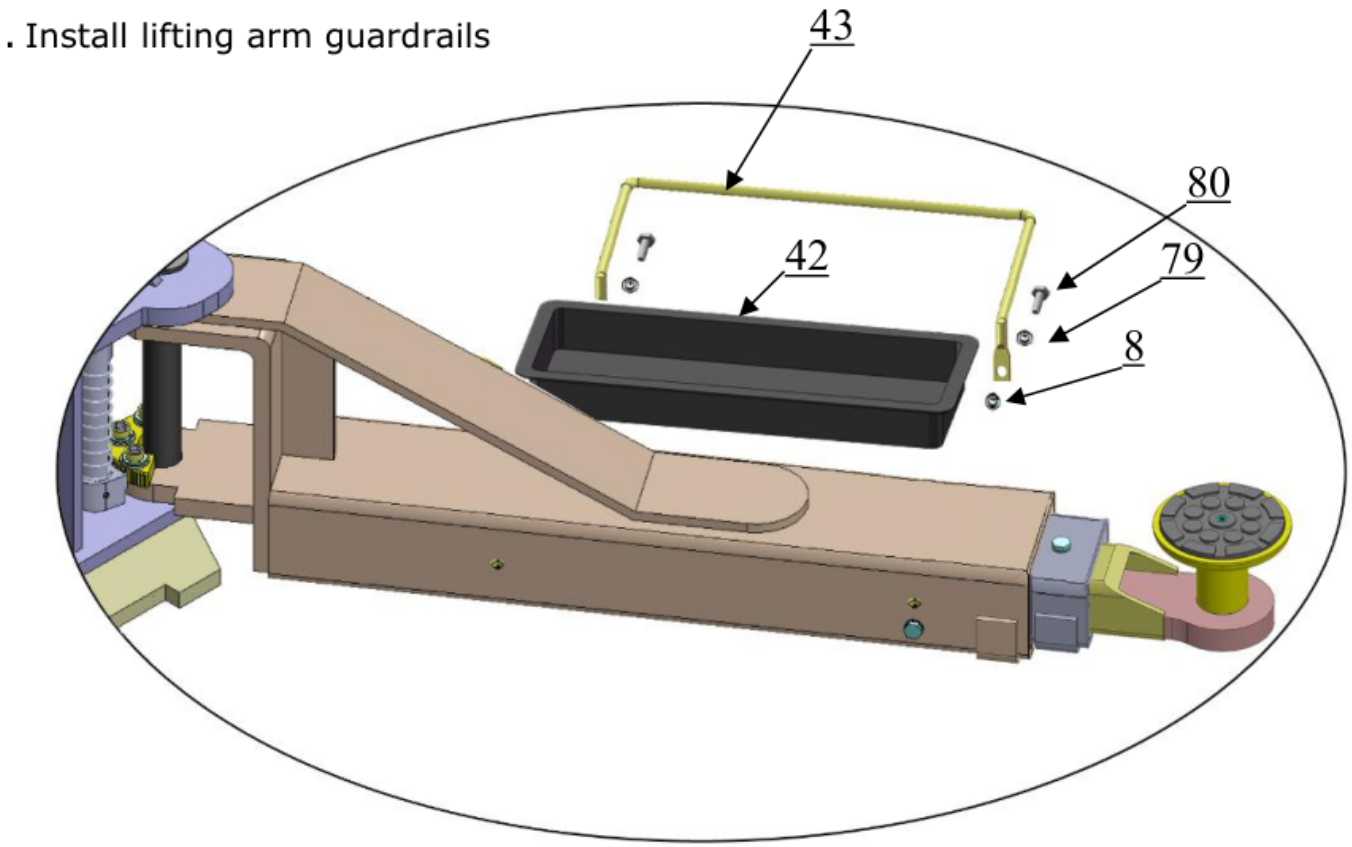


Fig. 30

Step O: Electrical Connections

A qualified electrician must make the electrical connections with power disconnected. Match the installed motor data plate and the single-phase circuit diagram in Figure 31.

Connect the two 220V supply conductors to contactor terminals L1 and L3. Connect the green/yellow equipment grounding conductor to the designated motor grounding terminal. Keep the grounding conductor separate from the supply terminals.

Inspect all connections and grounding before energizing the lift.

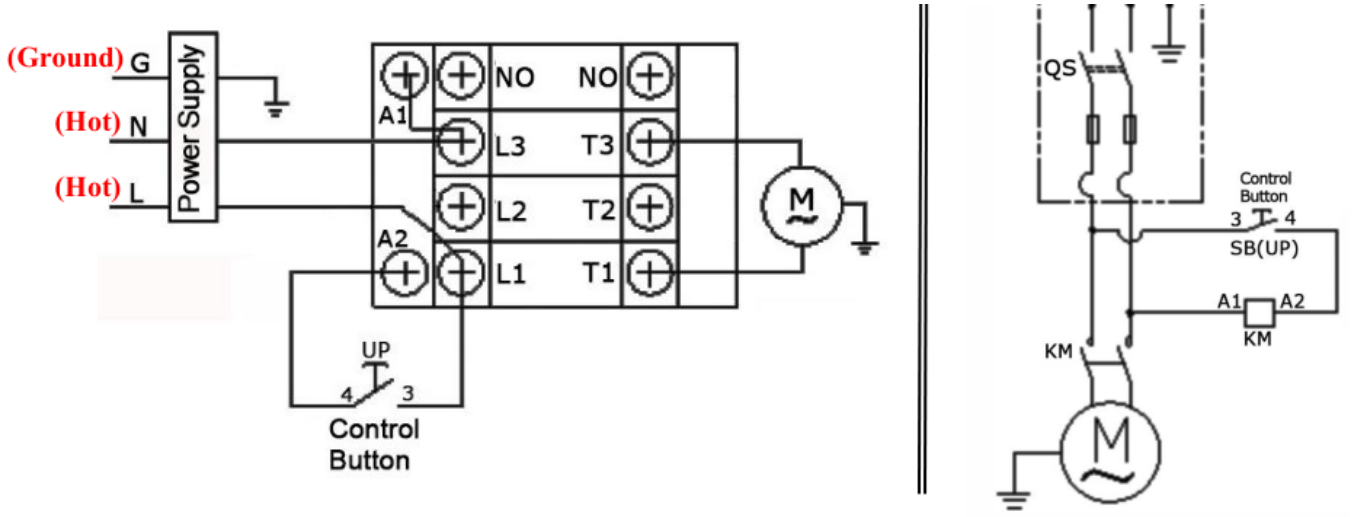


Fig. 31

Electrical Connection Reference

Figure 32 shows the factory connection reference. Only qualified personnel may open or service the power unit. Disconnect and secure the supply before removing electrical covers.



Fig. 32

Lift Assembly

IV. EXPLODED VIEW

Model QL12KBP

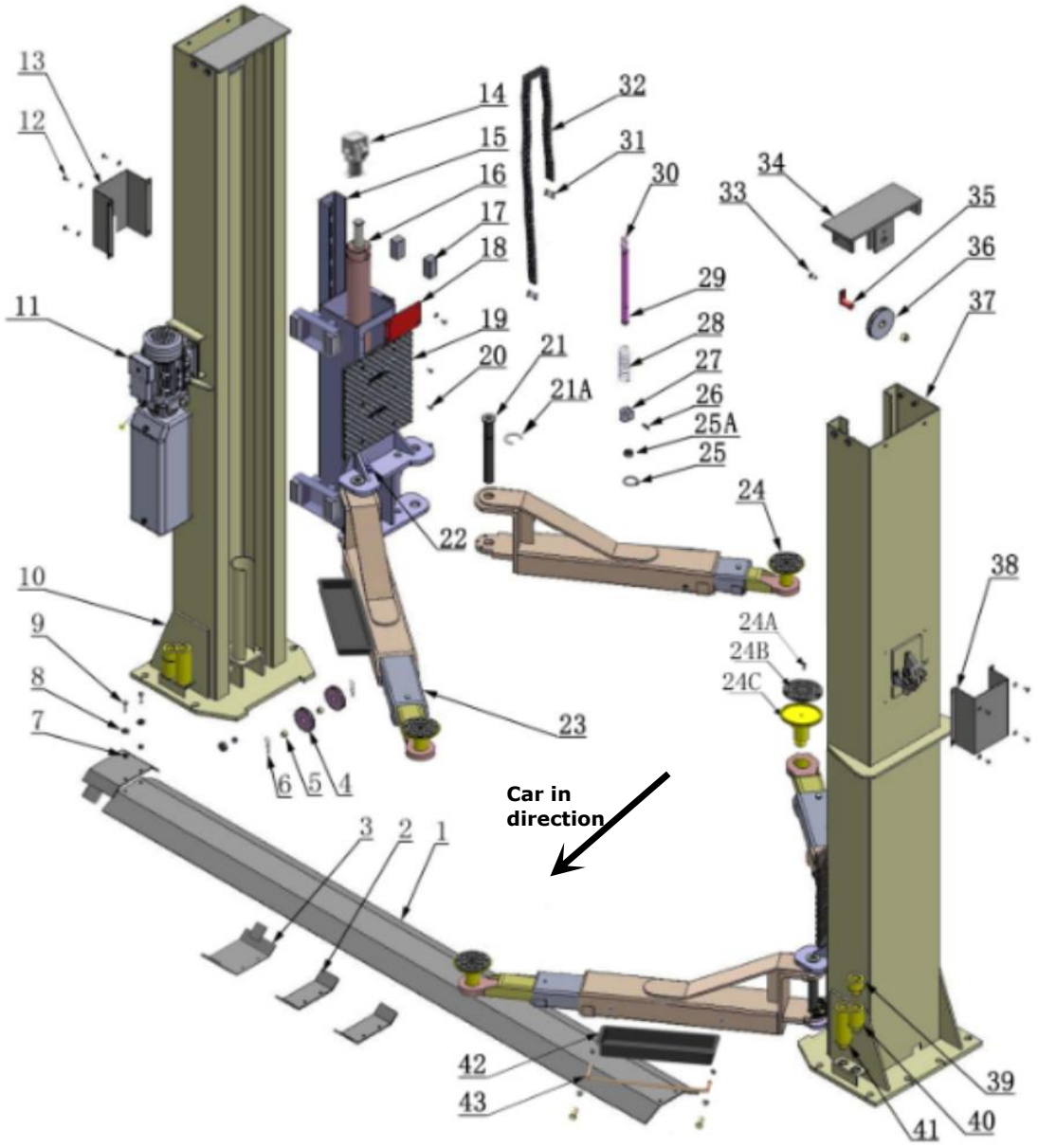


Fig. 33

Lift Parts List: Items 1-35

PARTS LIST FOR Model QL12KBP

Item	Part#	Description	Qty.	Note
1	11207001	Protect Cover	1	
2	11207002	Cable Protect Cover	2	
3	11207003	Cable Protect Cover Assy	2	
4	11217019	Top Pulley	4	
5	10217020	Bronze Bush For Pulley	6	
6	10209012	Elastic Pin φ3.2	6	
7	10209005	Self locking Nut M8	8	
8	10209033	Lock Washer φ8	10	
9	10209043	Hex Bolt M8*20	4	
10	11207053	Power-side Column	1	
11	071101	Power Unit	1	
12	10209009	Cap Head Bolt M6*8	12	
13	11207005	Main Safety Block Cover	1	
14	11207681	Chain pulley support assy.	2	
15	11207009A	Lifting carriage	2	
16	10207010	Cylinder φ75*870	2	
17	10217188	Slider Block	16	
18	11207047	Carriage Plastic Cover	2	
19	10217053	Rubber Protect Block	2	
20	10209019	Screw M6*16	12	
21	11217047B	Lifting arms Pin	4	
21A	10520023	Snap Ring φ38	4	
22	11217046C	Arm Lock bar (Right)φ30*323	2	
23	10207062	Lifting Arm Assy.	4	
24	10217114A	Rubber Pad Assy	4	
24A	10420138	Socket Bolt M6*16	4	
24B	10420134	Rubber Pad	4	
24C	11680030C	Rubber Pad Frame	4	
25	10610008	Snap Ring φ30	4	
25A	1102163002	Washer φ39*4*18	4	
26	10206036-01	Elastic Pin φ6*45	4	
27	1002163001	Rack M1.5*72*24	4	
28	10217045A-01	Compressed springφ31*φ36*φ2.5（L=214.5）	4	
29	11217046B	Arm Lock bar (left) φ30*323	2	
30	11209153	Rack Handle ring-pull	4	
31	10201010A	Connector BL646	4	
32	10207015	Chain BL646	2	
33	10209038	Hex Bolt M10*15	2	
34	11207016	Top Plate Assy	2	
35	11217037	Base pulley pin	2	

Lift Parts List: Items 36-75

Item	Part#	Description	Qty.	Note
36	11217036	Big Pulley	2	
37	11207054	Offside column	1	
38	11207018	Offside Safety Lock Cover	1	
39	-	Extension Adapter (3 in.)	4	
40	-	Extension Adapter (6 in.)	4	
41	-	Adjustable Screw Pad	4	
42	10206156	Tool Tray（short）	2	
43	11206154	Toe guard (short)	4	
44	10209059	Anchor bolt 3/4*5-1/2	12	
45	10207500A	Parts Box	1	
46	10217069	Hex Bolt M12*30	8	
47	10206006	Washer φ12	12	
48	10206023	Self locking Nut M12	8	
49	10201090	Shim（1mm)	10	
	10620065	Shim（2mm)	10	
50	11206002	Safety Block Pin	2	
51	10209007A	Torsional spring	2	
52	10209010	Snap Ring φ10	2	
53	10209011	Plastic Small Pulley	2	
54	11207019	Power-side Safety Lock	1	
55	10206023A	Hex Nut M12	4	
56	10206003A	Handle Gun Cover	2	
57	11207020	Offside Safety Lock	1	
58	10209056	Self locking Nut M10	3	
59	10420045	Lock washer φ6	14	
60	10209149	Spring Washer φ6	2	
61	10207021	Socket Bolt M6*12	1	
62	11217029	Pulley Support	1	
63	10206009	Plastic small Pulley	1	
64	10209046	Hex Bolt M10*35	1	
65	10207022	Cable Assy. L=8400mm	2	
66	10209066	Cable Nut M16	8	
67	10206065	Safety cable Assy. L=7450mm	1	
68	10209049	Plastic black pulley	2	
69	10207023-01	Oil hose 1/4*3210mm(straight + 90°)	1	
70	10209060	90° Fitting	1	
71	10209004	Rubber ring φ8*φ20*3	4	
72	10209003	Hex bolt M8*25	4	
73	10207024	90° Fitting 3/8NPT(M)*1/4NPT(M)	2	
74	10207035	Extended Straight fitting L=86mm	2	
75	10420097	90° Fitting 1/4NPT(M)*1/4JIC(M)	2	

Arm and Pulley Seat Assemblies

Item	Part#	Description	Qty.	Note
76	10207026	Oil hose 1/4*1520mm(double straight)	2	
77	10207034	Oil hose 1/4*1390mm (double straight)	1	
78	10211016	T fitting	1	
79	10209034	Spring Washer φ8	8	
80	10201002	Hex Bolt M8*16	8	

4.1 Lifting arm (10207062) exploded view

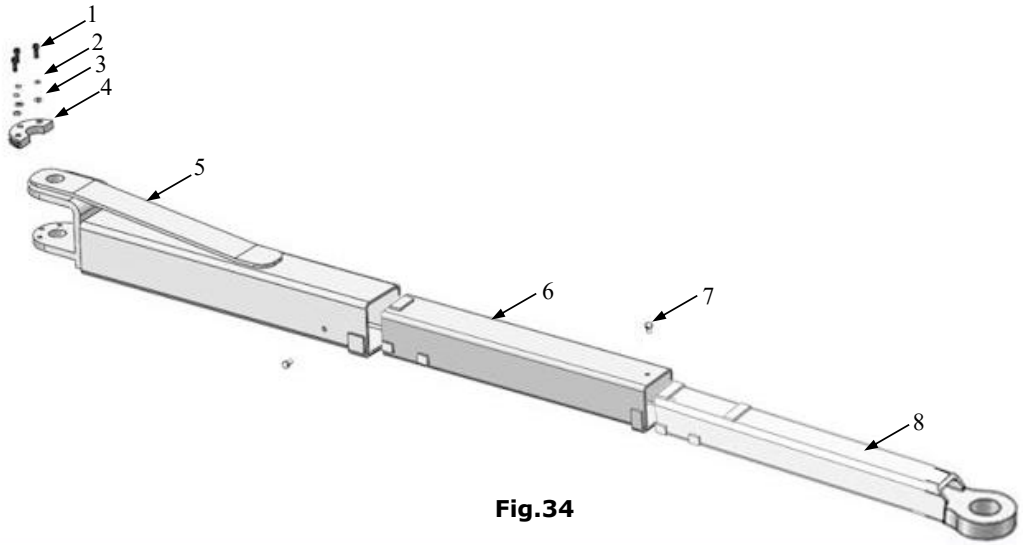


Fig.34

Item	Part#	Description	QTY.		Item	Part#	Description	QTY.
1	1102163005	Hex bolt M12*48	12		5	11207012A	Outer arm	4
2	10420026	Lock washer Φ12	12		6	11217337	Middle arm	4
3	10206006	Washer Φ12	12		7	10201149	Cap Head Bolt M8*12	8
4	1102163001	Moon gear	4		8	11217836	Inner Arm	4

4.2 Chain pulley seat assy. (11207681) exploded view :

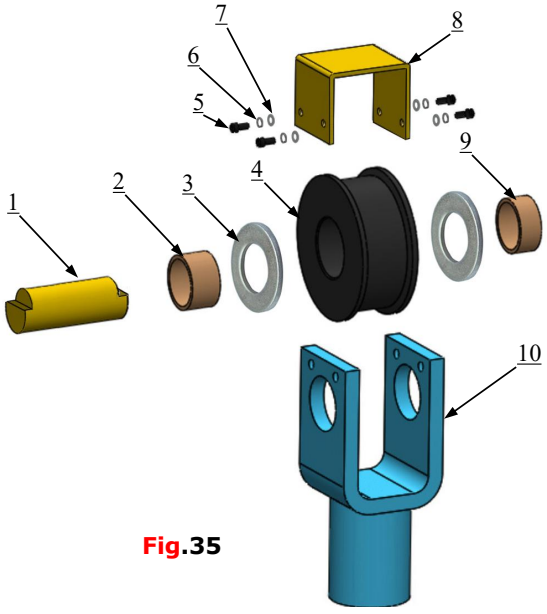


Fig.35

Item	Part#	Description	Qty.
1	11207006	Pin for Chain Pulley Φ35*93	1
2	10420132A	Bronze Bush Φ41.2*Φ35.1*20	1
3	11530023	Washer Φ44*Φ35.5*2	2
4	11207007	Chain Pulley Φ105*50	1
5	10430138	Socket Bolt M6*16	4
6	10209149	Spring Pad Φ6	4
7	10420045	Washer Φ6	4
8	11207693	Chain limit block	1
9	10530042	Bronze Bush Φ41.2*Φ35.1*28	1
10	11207008	Chain Pulley Seat	1

Hydraulic Cylinder Assembly

4.3 Cylinder (10207010) exploded view.

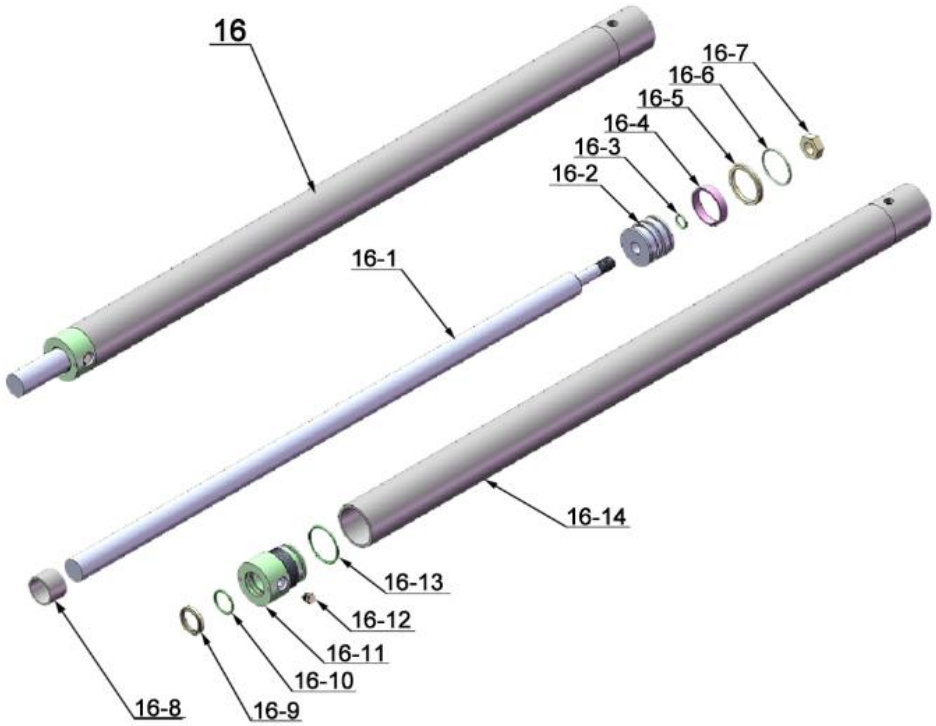
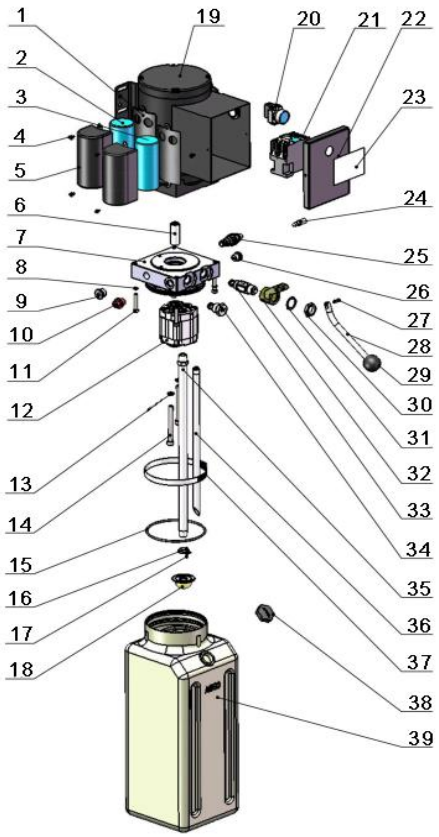


Fig. 36

Item	Part#	Description	Qty.		Item	Part#	Description	Qty.
16-1	11207027	Piston Rod	2		16-8	10207029	Adjustment Tube	2
16-2	11207028	Piston	2		16-9	10217078	Dust Ring	2
16-3	10206069	O-Ring	2		16-10	10520058	O-Ring	2
16-4	10620053	Support Ring	2		16-11	11207030	Head Cap	2
16-5	10620054	Y-Ring OSI	2		16-12	10201034	Bleeding Plug	2
16-6	10630027	O-Ring	2		16-13	10207031	O-Ring	2
16-7	10206071	Hex Nut	2		16-14	11207032	Bore Weldment	2

Power-Unit Assembly and Parts

4.4 POWER UNIT EXPLODED VIEW(071101)



220V/60HZ

Manual Power unit

Fig.37

Item	Part#	Description	Qty.		Item	Part#	Description	Qty.
1	81400180	Rubber Pad	2		21	41030055	AC connector	1
2	81400250	Starting capacitor	1		22	81400287	Motor terminal box cover	1
3	81400200	Running capacitor	1		23	71111216	AMGO power unit label	1
4	10420148	Cap Head Bolt with washer	4		24	81400560	Throttle valve	1
5	81400066	Cover of Motor Terminal Box	2		25	81400266	Relief valve	1
6	81400363	Motor Connecting Shaft	1		26	81400284	Inner hex iron plug	1
7	090106	Manifold block	1		27	10720118	Hair pin	1
8	10209149	Washer	4		28	81400451	Release valve handle	1
9	81400276	Iron plug	1		29	10209020	Plastic ball for release handle	1
10	81400259	Red rubber plug	1		30	81400421	Release valve nut	1
11	85090142	Socket bolt	4		31	81400422	Shim	1
12	81400280	Gear pump	1		32	81400449	Valve Seat(low)	1
13	10209034	Washer	2		33	070001	Release Valve	1
14	81400295	Socket bolt	2		34	070002	Check Valve	1
15	81400365	O ring	1		35	81400288	Oil suction pipe	1
16	10209152	Ties	1		36	81400289	Oil return pipe	1
17	85090167	Magnet	1		37	81400364	Clamp(stainless steel)	1
18	81400290	Filter	1		38	81400263	Oil tank cap	1
19	81400413	Steel Motor	1		39	81400275	Oil tank	1
20	10420070	Push button	1					

Hydraulic Power-Unit Reference

Figure 38 identifies the hydraulic ports and valves, including the check, release, relief, and throttle valves. Use these original component references during service.

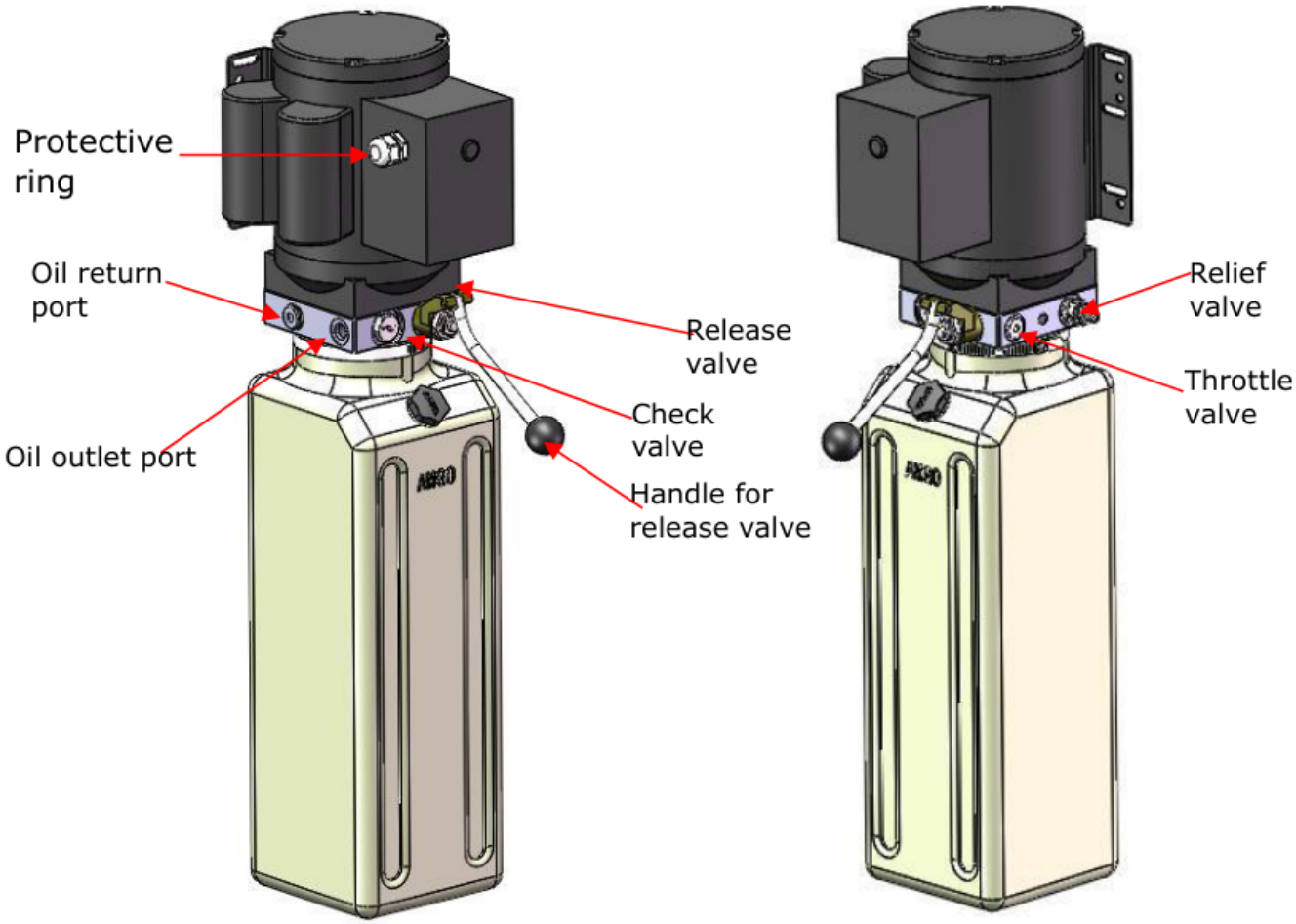


Fig.38

Cable Adjustment and First Test

Hold the equalizer-cable fitting with a wrench while tightening the nut until both cables have equal tension. If carriage travel is uneven, adjust the nut on the lower carriage until both sides travel together.

Raise the carriages and engage both locks at the same height. Take up the release-cable slack, release a small amount of tension, and tighten its nuts. Verify that both locks engage and release correctly, then install their covers.

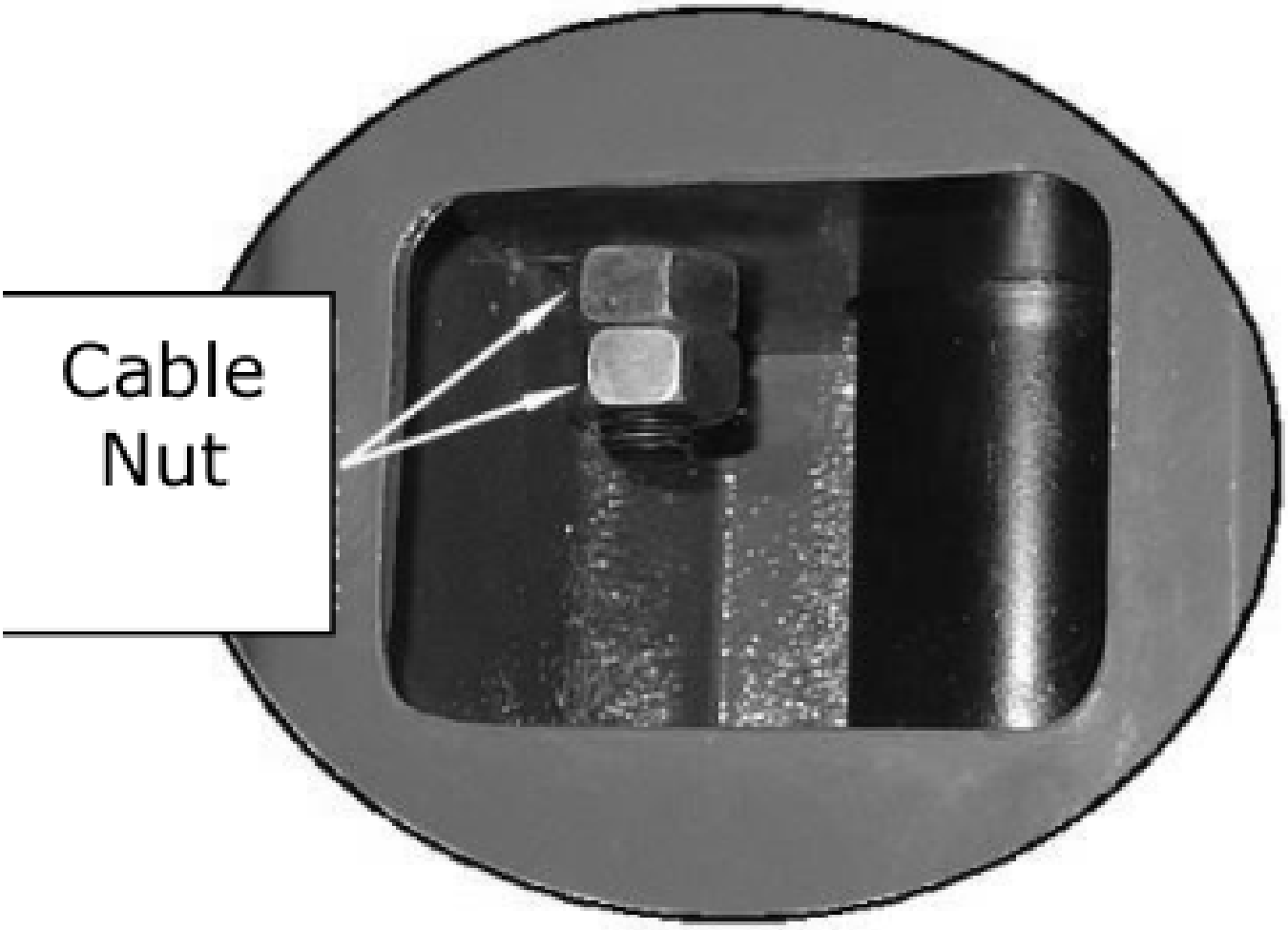


Fig. 39

Lowering Speed and Load Test

Turn the throttle valve clockwise to slow lowering or counterclockwise to increase lowering speed. Make small adjustments and check the result with controlled cycles.

Test with a load within the 12,000 lb rated capacity. Keep initial cycles near the floor and check synchronized carriage movement and safety-lock engagement and release. Then complete a full-height test.

Trapped air can cause vibration during initial cycles. Repeat controlled cycles to help purge the air. Stop and correct leaks, uneven movement, or safety faults before using the lift.

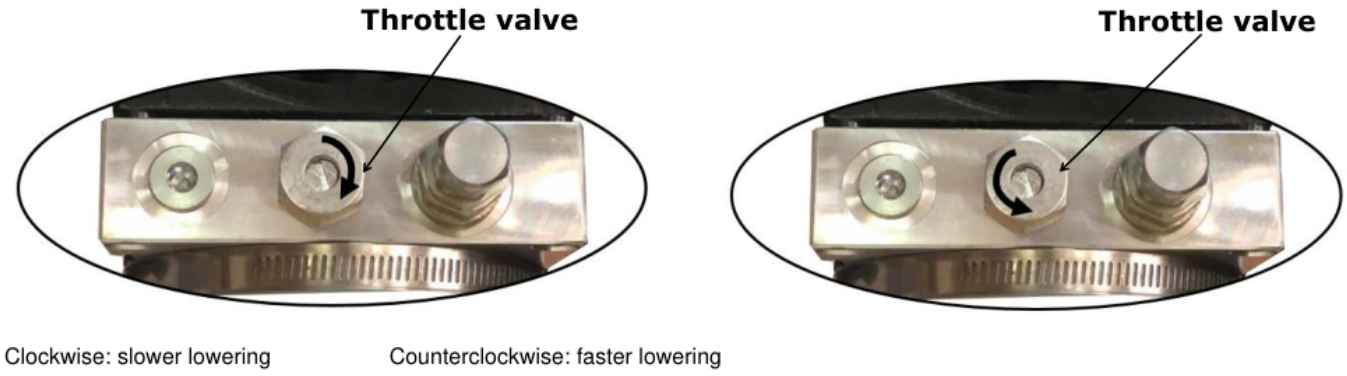


Fig. 40

Hydraulic Circuit

Figure 41 shows the hydraulic circuit. Component key: 1. Filter; 2. Gear pump; 3. Motor; 4. Relief valve; 5. Release valve; 6. Check valve; 7. Throttle valve; 8. Hydraulic cylinder.

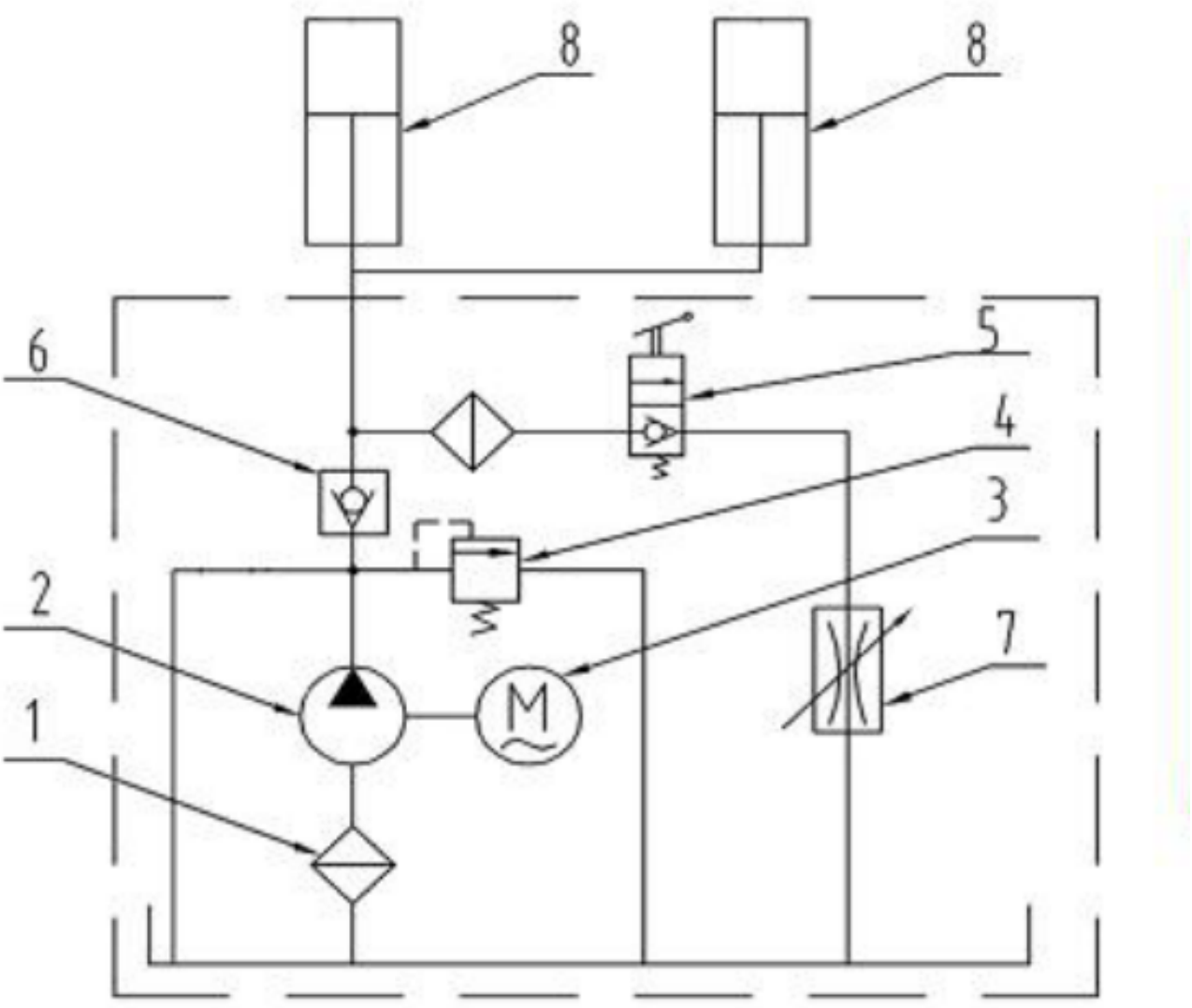


Fig. 41

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.

Every six months, inspect all moon gears and arm locks for wear and verify full engagement of all four arm restraints. Check the hydraulic-oil level.

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, 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 purchase date, not the installation date or the date the crate is opened. No registration is required.

3380 S. Power Rd. #105, Gilbert, AZ 85234
602-828-0950
www.quickliftusa.com