# ATLAS OH9000
## 9,000 lb. Capacity
## Two-Post Overhead Lift

# INSTALLATION & OPERATION MANUAL


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# I. PRODUCT FEATURES AND SPECIFICATIONS

## CLEAR-FLOOR DIRECT-DRIVE MODEL FEATURES

### Model OH-9000 (See Fig. 1)

· Direct-drive design

· Dual hydraulic cylinders, designed and made on ANSI standards, utilizing NOK oil seal for cylinder

· Self- lubricating UHMW Polyethylene sliders and bronze bushings

· Single-point safety release and dual safety design

. Clear-floor design

. Overhead safety shut-off device prevents vehicle damage

· Super-symmetric arms design with stackable truck adapters

. Adjustable heights (2)

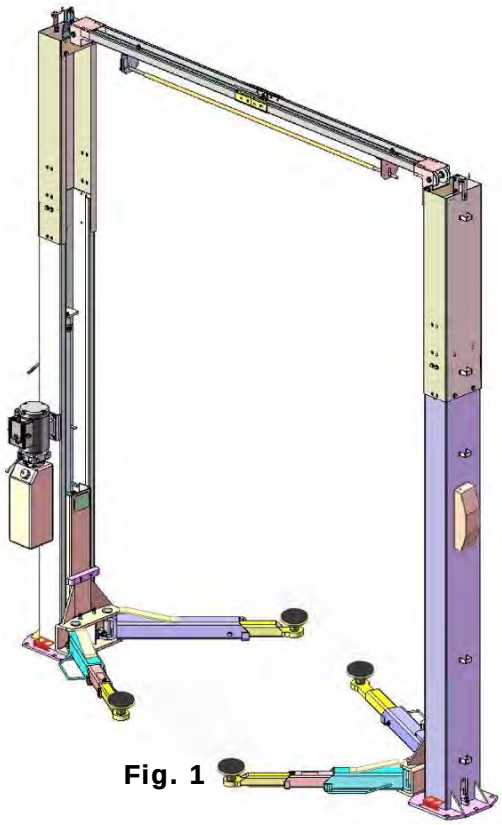


**Fig. 1**

### MODEL OH-9000 SPECIFICATIONS

| Model | Style | Lifting Capacity | Lifting Time | Lifting Height | Overall Height | Overall Width | Width Between Posts | Minimum Pad Height for screw adapters | Minimum Pad Height for stackable adapter | Motor |
|---|---|---|---|---|---|---|---|---|---|---|
| 209C | Clear-floor Direct-drive | 4.0 T 9,000 lbs | 52 S | 1830-2100 mm 72” – 82 1/2” | 3621/3821 mm 142 1/2” 150 1/2” | 3428 mm 135” | 2850 mm 112 1/4” | 100 mm 4” | 105 mm 4 1/8” | 2.0/3.0 HP |
| 209CH | Clear-floor Direct-drive | 4.0 T 9,000 lbs | 52 S | 1830-2100 mm 72” – 82 1/2” | 4231/4431 mm 166 1/2” 174 1/2” | 3428 mm 135” | 2850 mm 112 1/4” | 100 mm 4” | 105 mm 4 1/8” | 2.0/3.0 HP |

## Arm Swing View
## For Model OH-9000

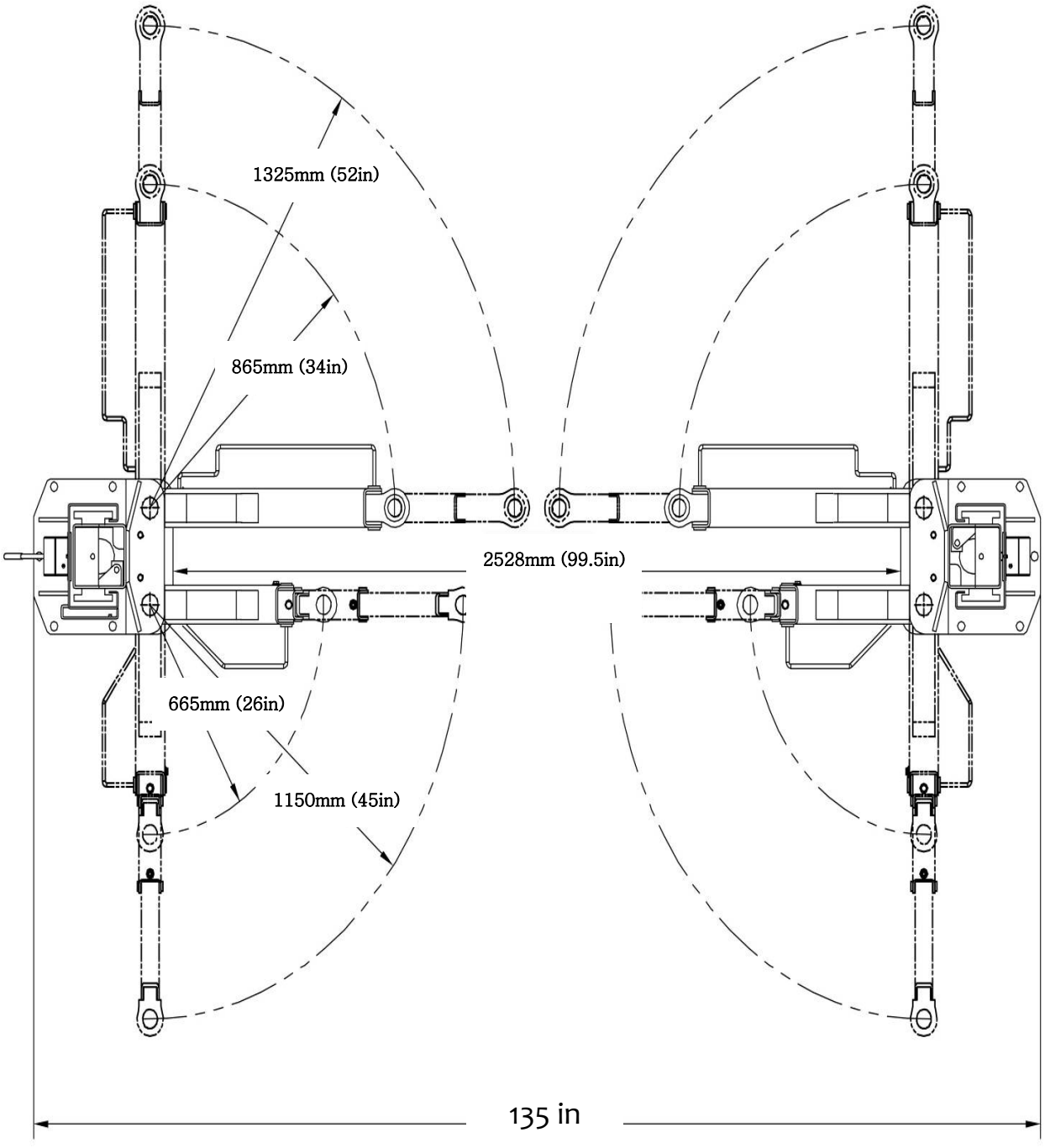



**Fig. 2**

## II. INSTALLATION REQUIREMENTS

### A. TOOLS REQUIRED

- ✓ Rotary Hammer Drill

- ✓ Carpenter's Chalk

- ✓ Hammer

- ✓ Screw Drivers

- ✓ Level Bar

- ✓ Tape Measure

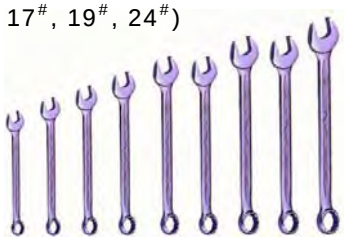
- ✓ Crescent Wrench (12")

- ✓ Pliers

- ✓ ½ Drive Ratchet

- ✓ Allen Head Wrench ($3^{\#}$, $5^{\#}$, $8^{\#}$)

- ✓ Wrench Set ($8^{\#}$, $10^{\#}$, $13^{\#}$, $14^{\#}$, $17^{\#}$, $19^{\#}$, $24^{\#}$)



- ✓ Vise Grips

**Fig. 3**

**B. CONCRETE SPECIFICATIONS (See Fig. 4)**

**Specifications Of Concrete Must Be Adhered To.**

**Failure To Do So May Result In Lift Failure**

1. Concrete must be thickness (4 in.) minimum and without interfering steel bars, and must be dried totally before the installation.
2. Concrete must be in good condition and must be have a test strength of 3,000 psi
3. Floors must be level and with no structural cracks.

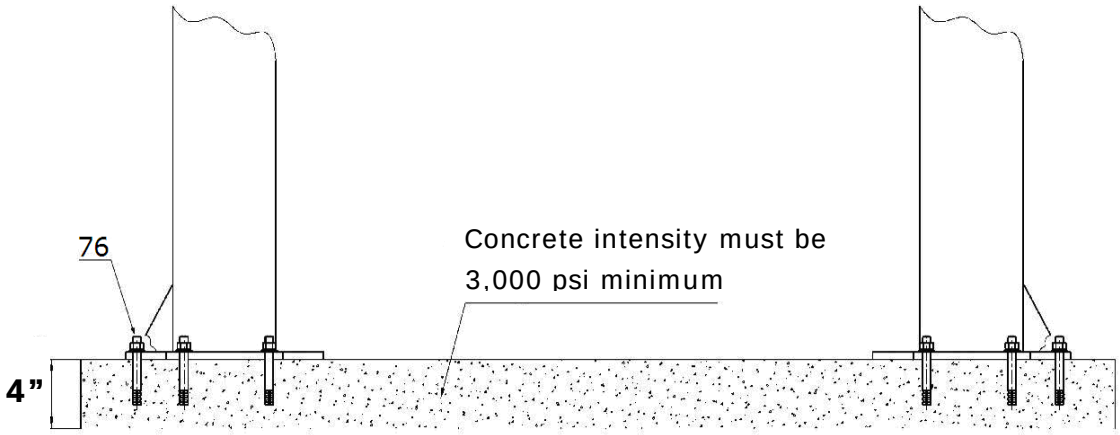



**Fig. 4**

**C. POWER SUPPLY**

220 volt single phase 30 amp breaker with minimum of 10 gauge wiring

## III. INSTALLATION STEPS

**A. Installation Location**

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

**B.** Use a carpenter’s chalk line to establish installation layout of base plate **(See Fig. 5)**.

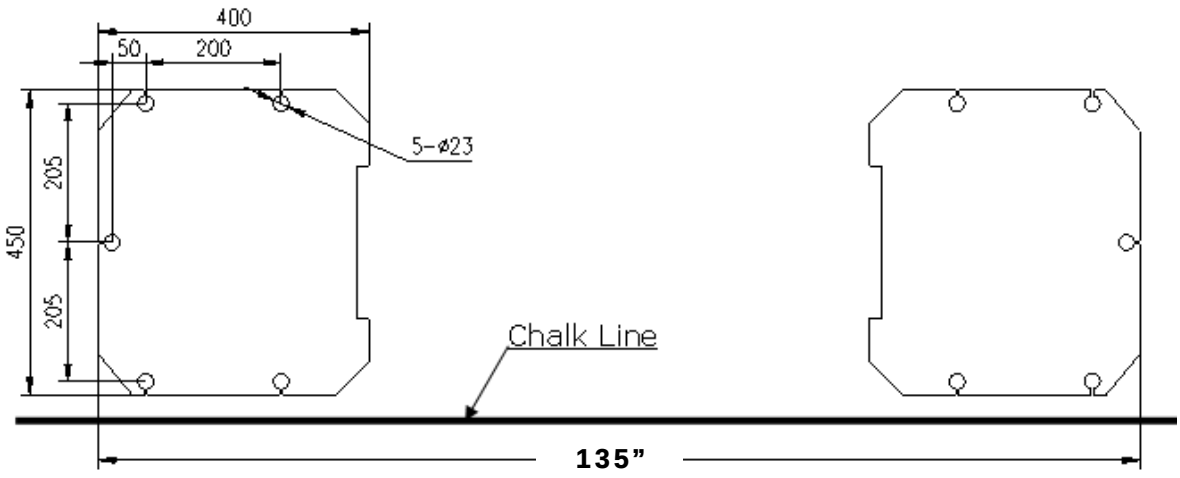



**Fig. 5**

**C. Check the Parts Before Assembly. Do not attempt to install the lift before this step is completed!**

1. Packaged lift and Hydraulic Power Unit **(See Fig. 6).**

**Fig. 6**

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

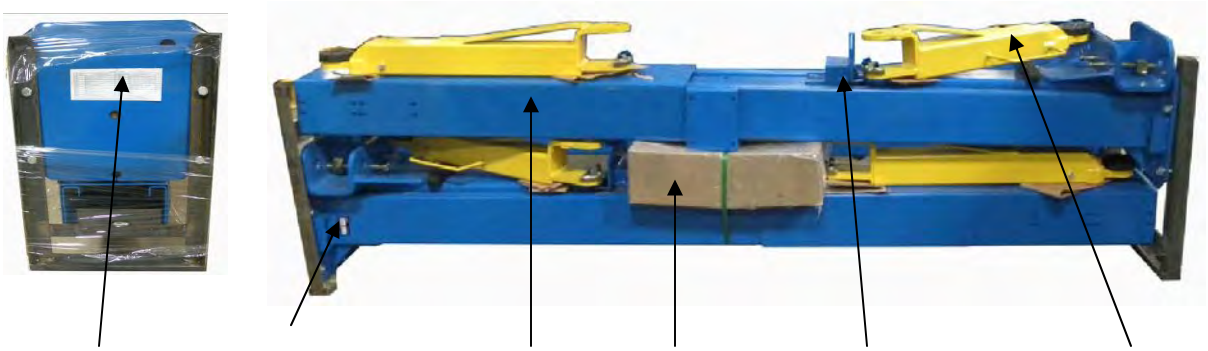



**Fig. 7**

3. Take off the lifting arms and parts box from upper and inside the column, then move them to location nearby installation site. Loosen the screws of the upper package stand, take off the upper column and remove the package stand **(See Fig. 8).**

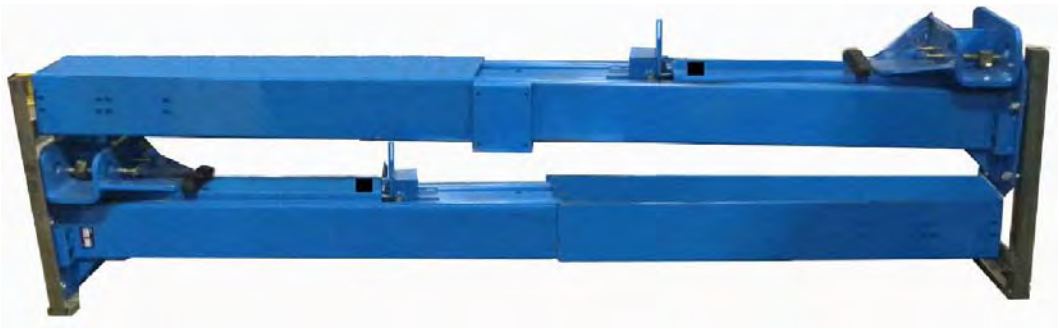


**Fig. 8**

4. Check the parts according to the shipment parts list **(See Fig. 9)**

**Fig. 9**

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

**Fig. 10 Model OH-9000**

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

**Model 209C 209CH**

**Bag 1**

**Fig. 11**

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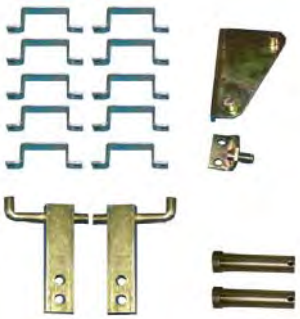
**Bag 2**

**Fig. 12**



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

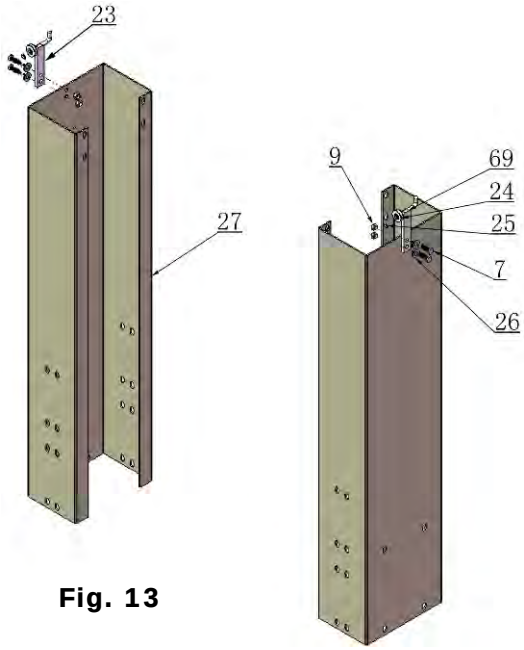



**Fig. 13**

**E. Position Power side Post**

Lay down the two posts in parallel formation.

Position the Power side Post according to the actual installation location. Usually, it is suggested to install Power side Post on the passenger side from which vehicles are driven to the lift.

This lift is designed with 2-Section columns. Select adjustable height according to the ceiling height. When the ceiling height is greater than (12.6'), connect the outer columns with the upper holes **(See Fig.14)**; Otherwise, we recommend connecting the outer columns with the lower holes to make the post lower **(See Fig.15).**

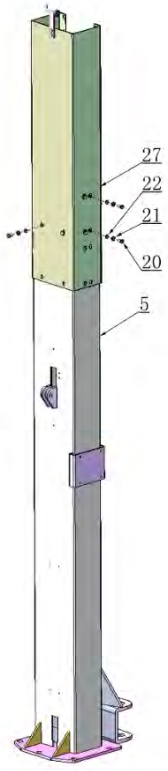



**Fig. 14 Low Setting**

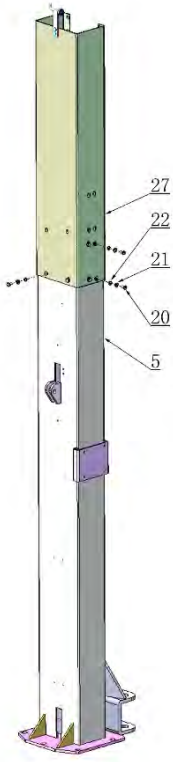



**Fig. 15 High Setting**

**F. Position posts (See Fig. 16)**

Position the columns on the installation layout of the base plate, shown in **step B**.

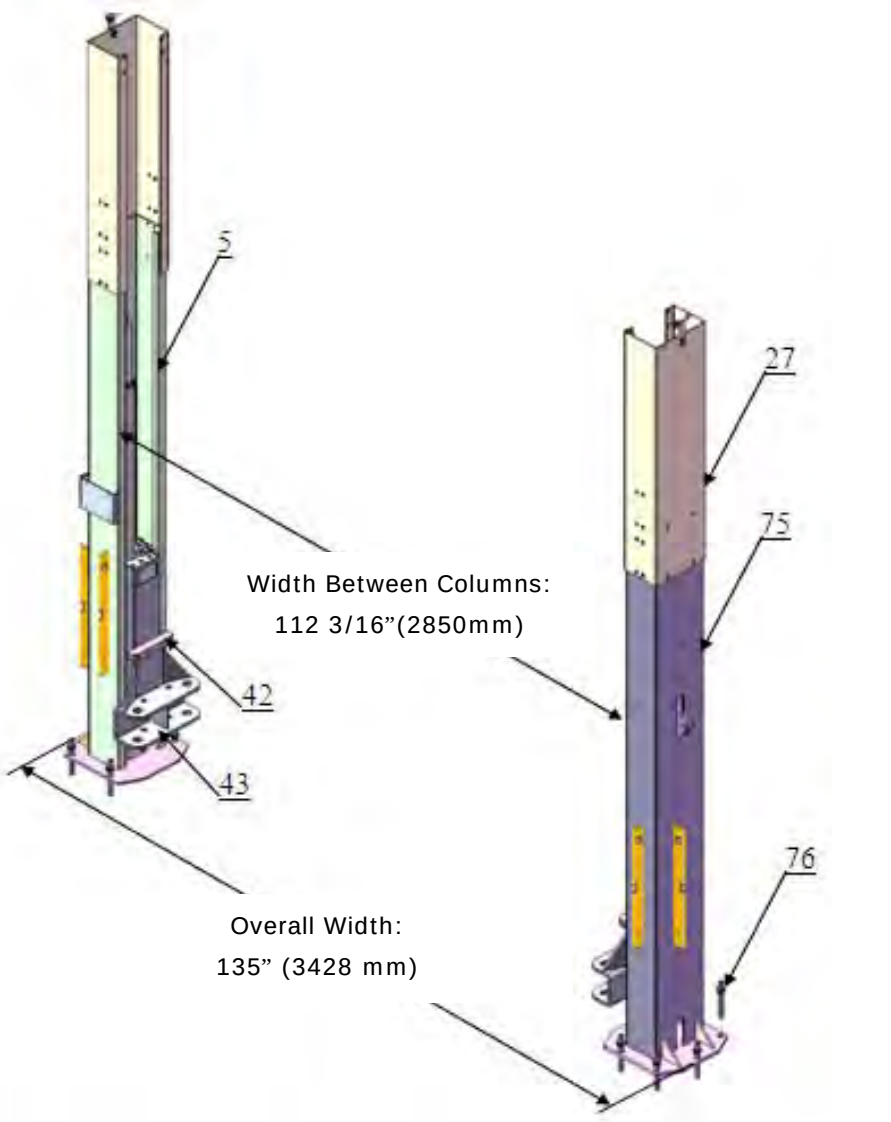




**Fig. 16**

Install the anchor bolts. Check the posts for plumb with level bar, and adjusting with the shims if the columns are not vertical. Do not tighten the Anchor Bolts.

## G. Install Overhead Top Beam

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

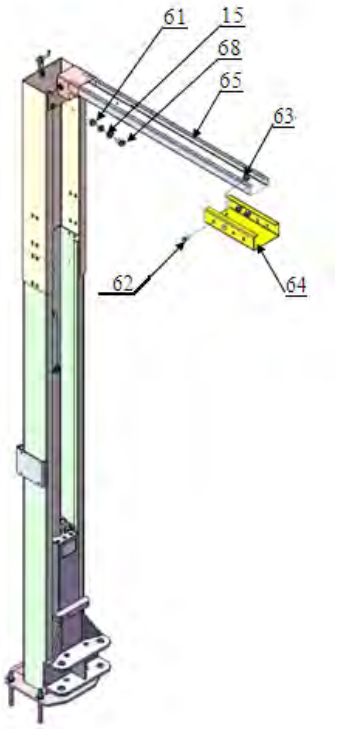
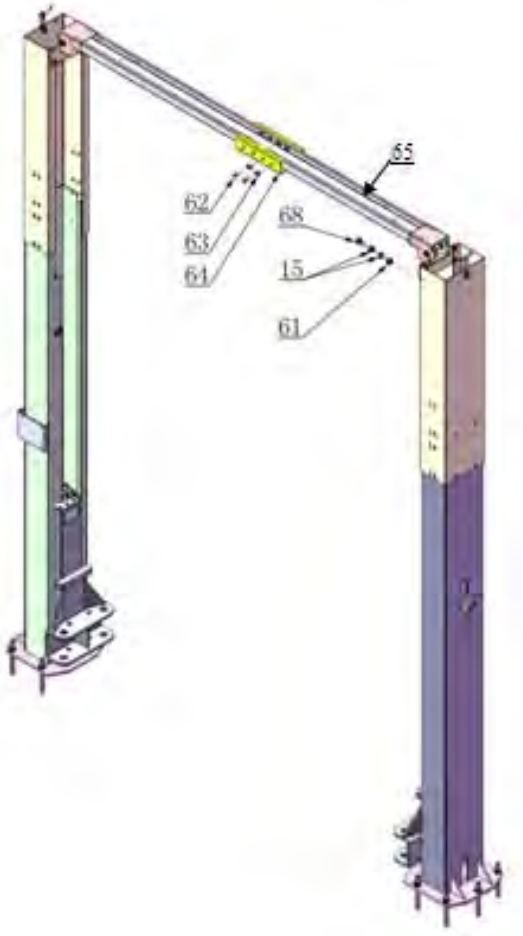
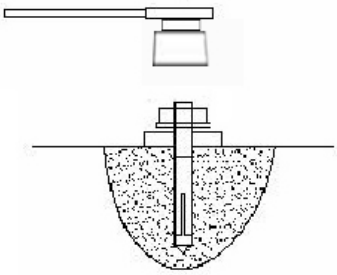



**Fig. 17**

2. Assemble overhead top beam, tighten the post's Anchor Bolts. **(See Fig. 18)**



**Tighten**

**Fig. 18**

## H. Installing the Control Bar and Limit Switch (See Fig. 19).

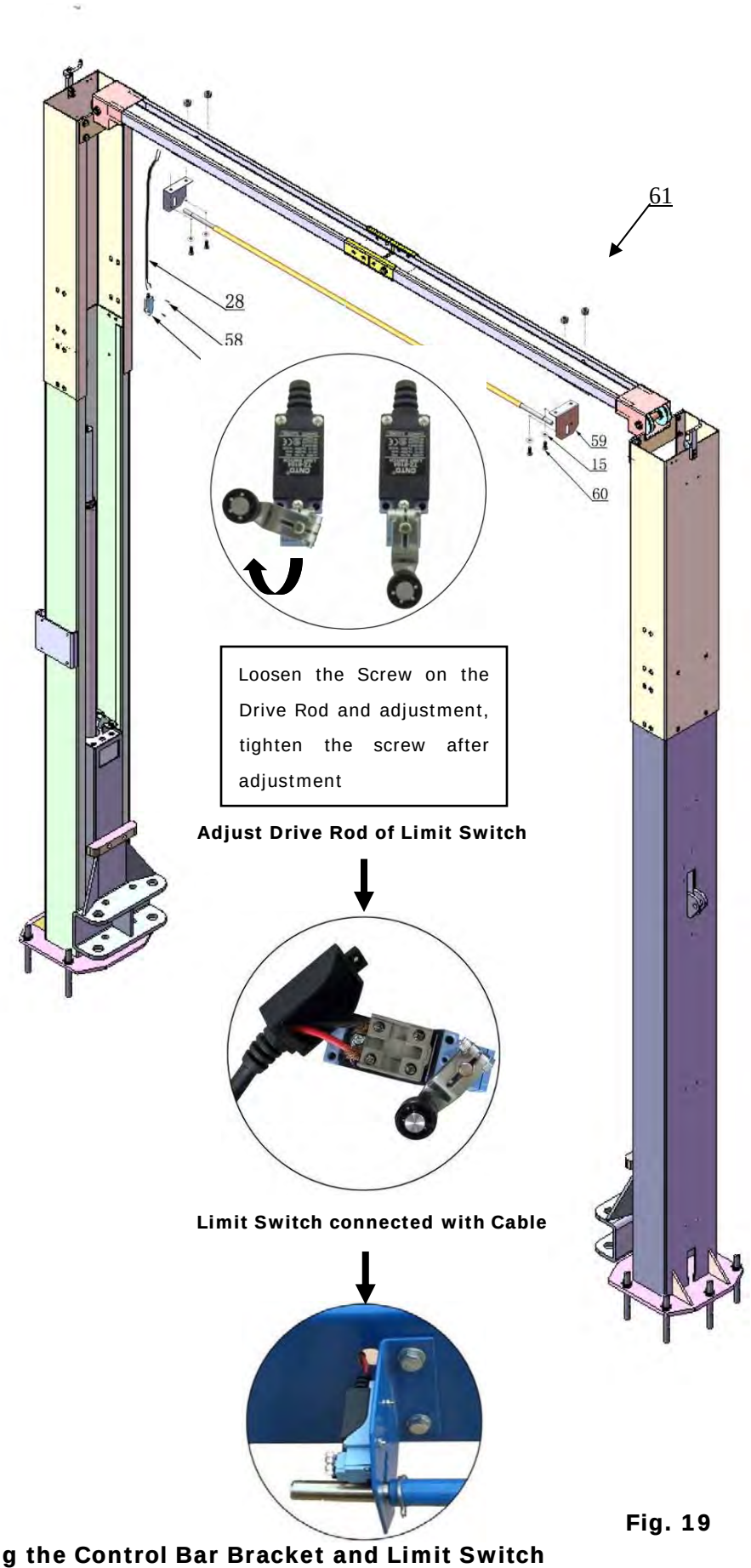



Fig. 19

Installing the Control Bar Bracket and Limit Switch

**I. Install Safety Device (See Fig. 20 & Fig. 21).**

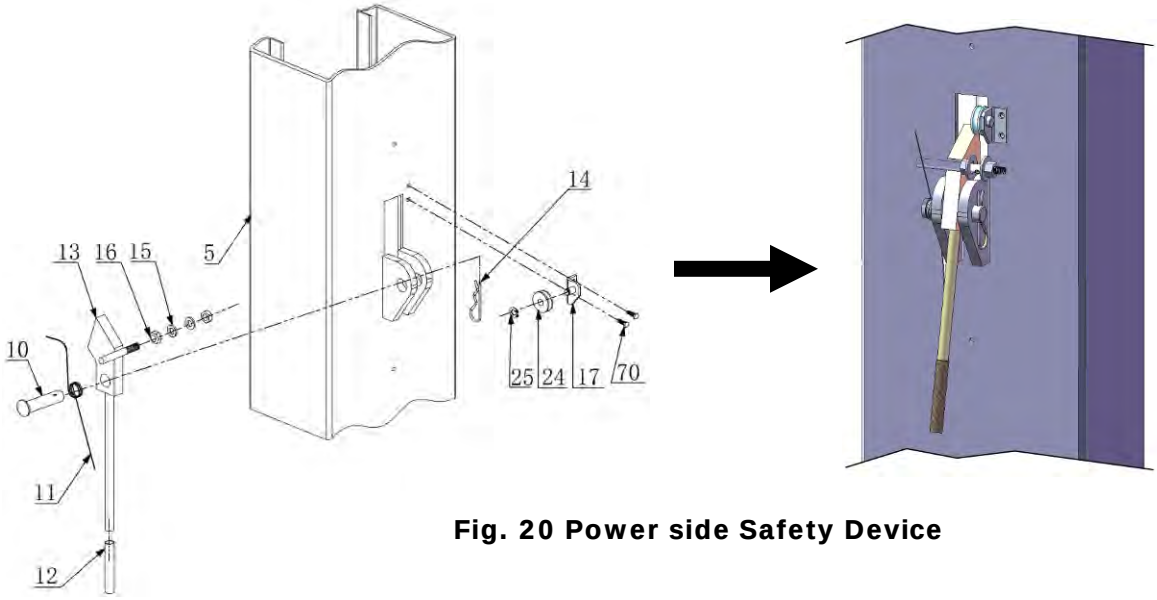



**Fig. 20 Power side Safety Device**

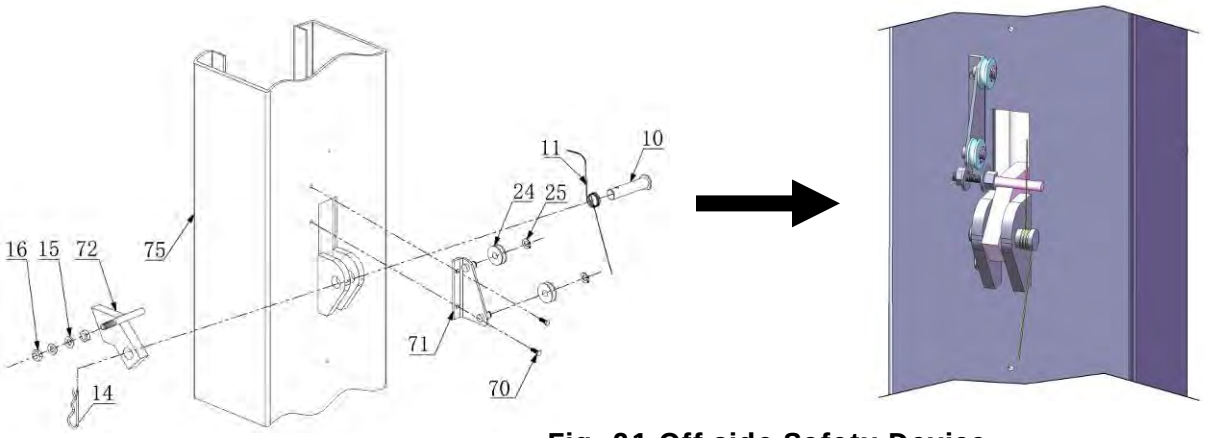



**Fig. 21 Off side Safety Device**

**J.** Lift the carriages up to about 3 feet high by hand and rest them on the locks at the same level **(See Fig. 22).**

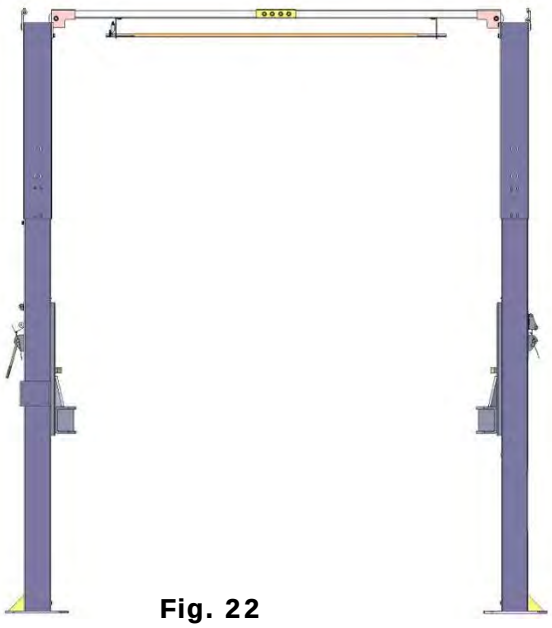


**Fig. 22**

## K. Install Cables

There are two ways to install the cables, low setting and high setting connection.

a. For the low setting cable connection **(See Fig. 23).**

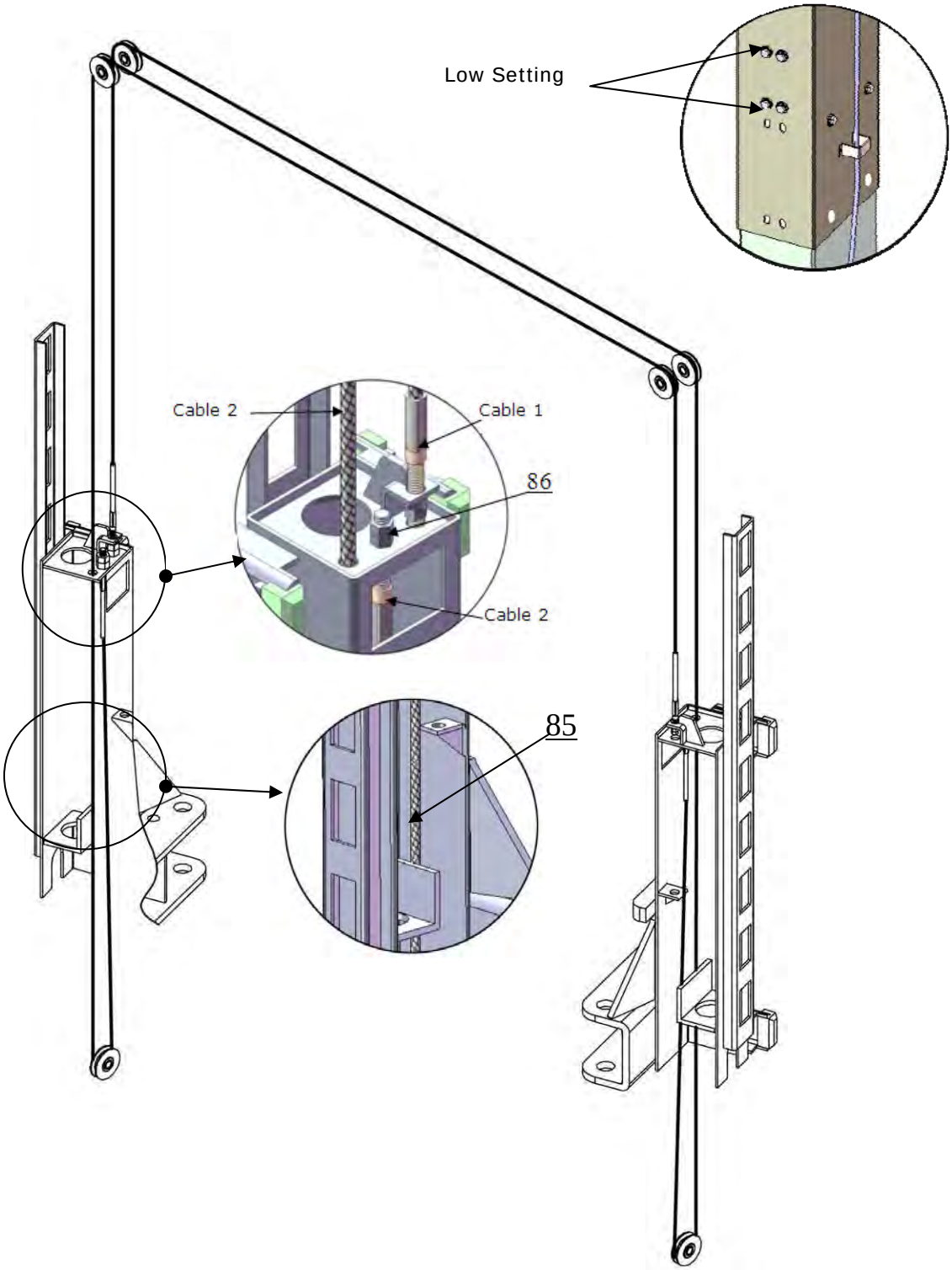



**Fig. 23**

b. For the high setting cable connection **(See Fig. 24).**

1. Cable pass through from the bottom of the carriages and are pulled out from the openings of carriages, then install the two Cable Nuts

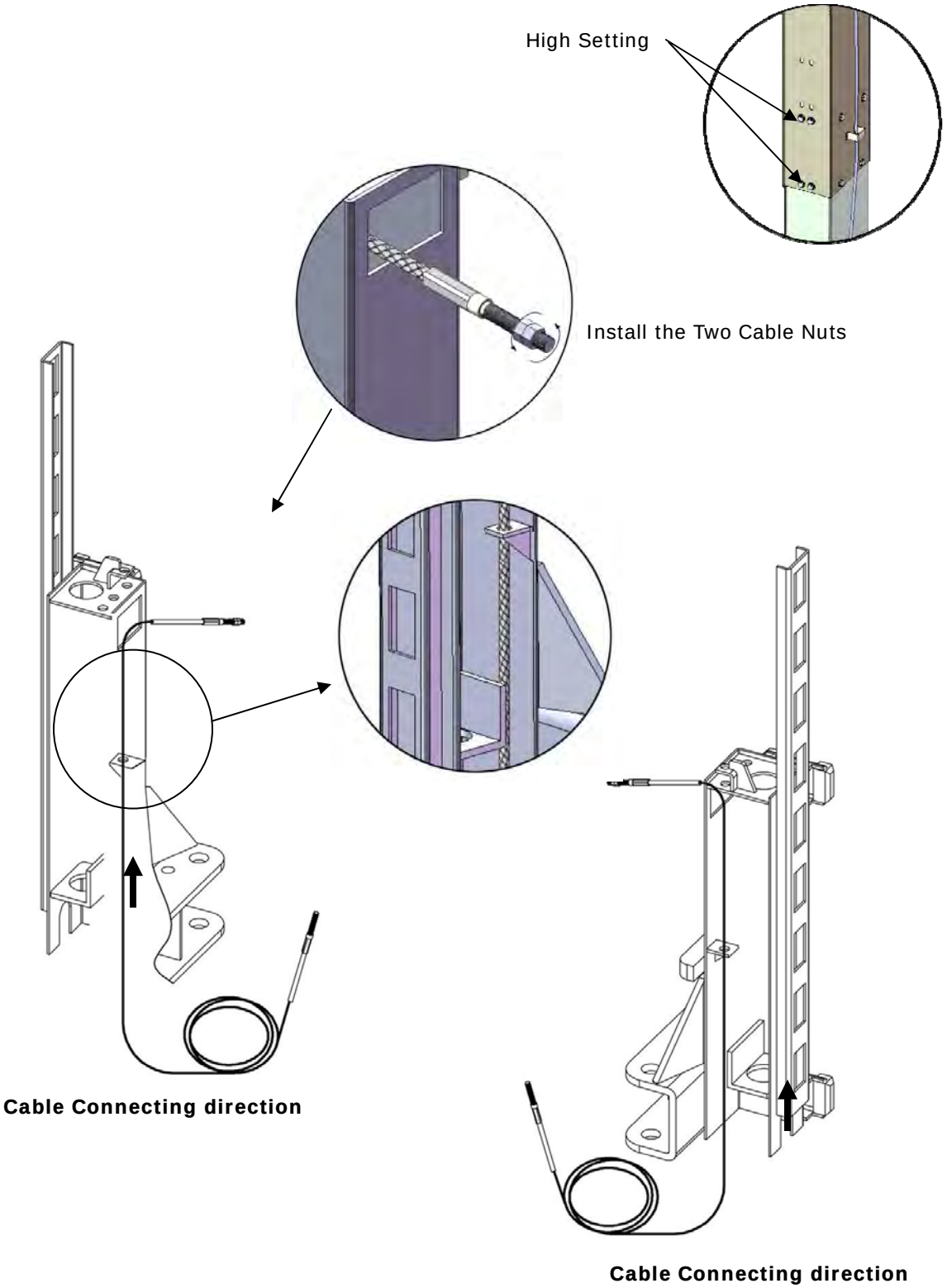



**Fig. 24**

2. Connecting Cable for high setting **(See Fig. 25).**

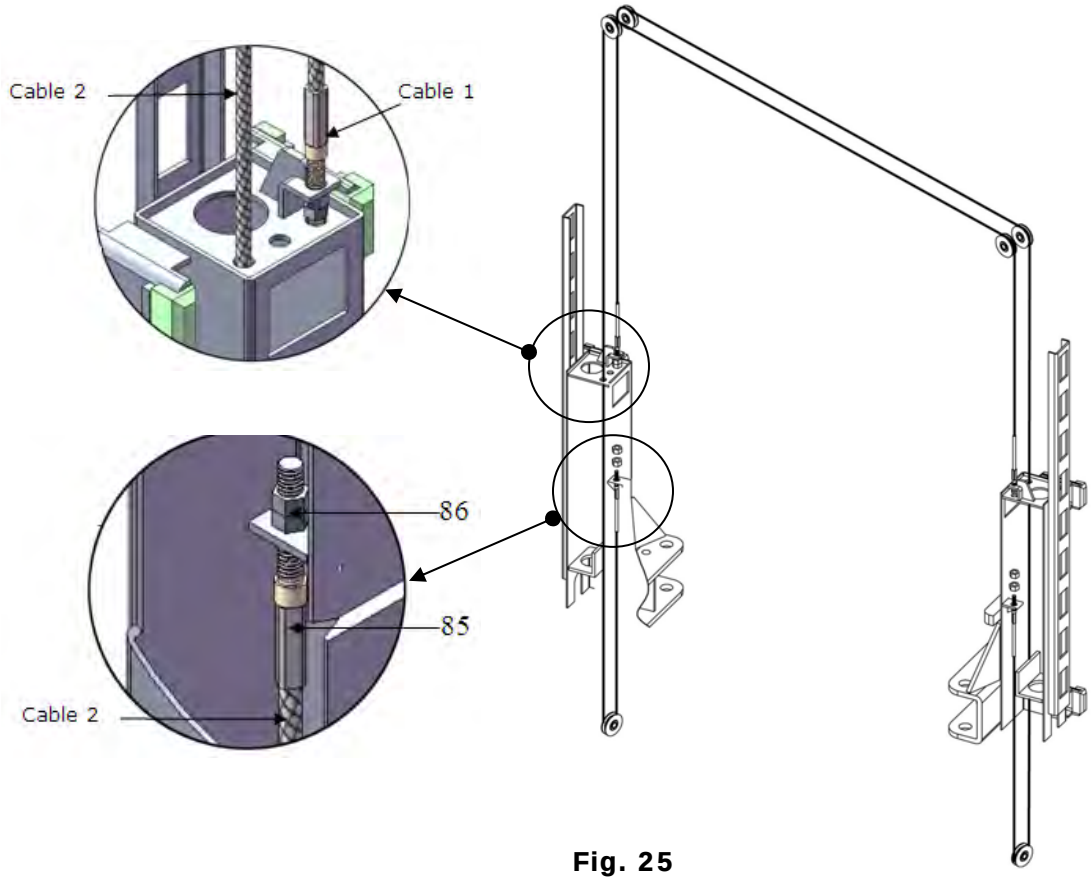



**Fig. 25**

**L. Install Hydraulic Power Unit and Oil Hose Assembly (See Fig. 26).**

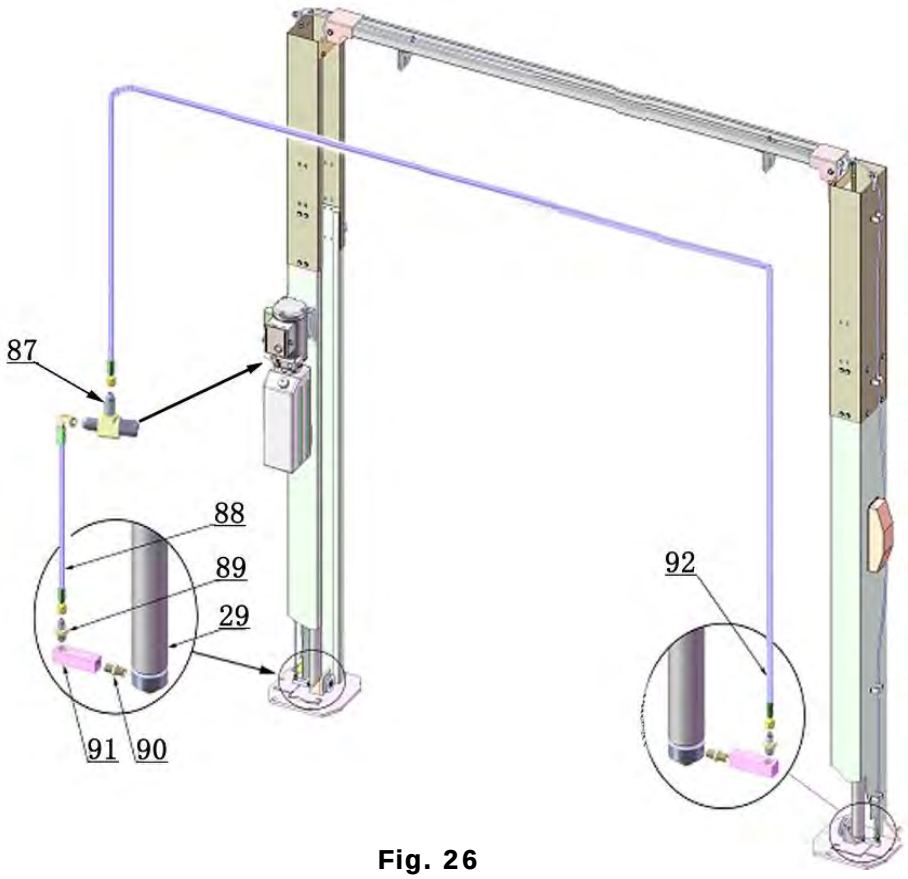



**Fig. 26**

## M. Install Safety Cable (See Fig. 27)

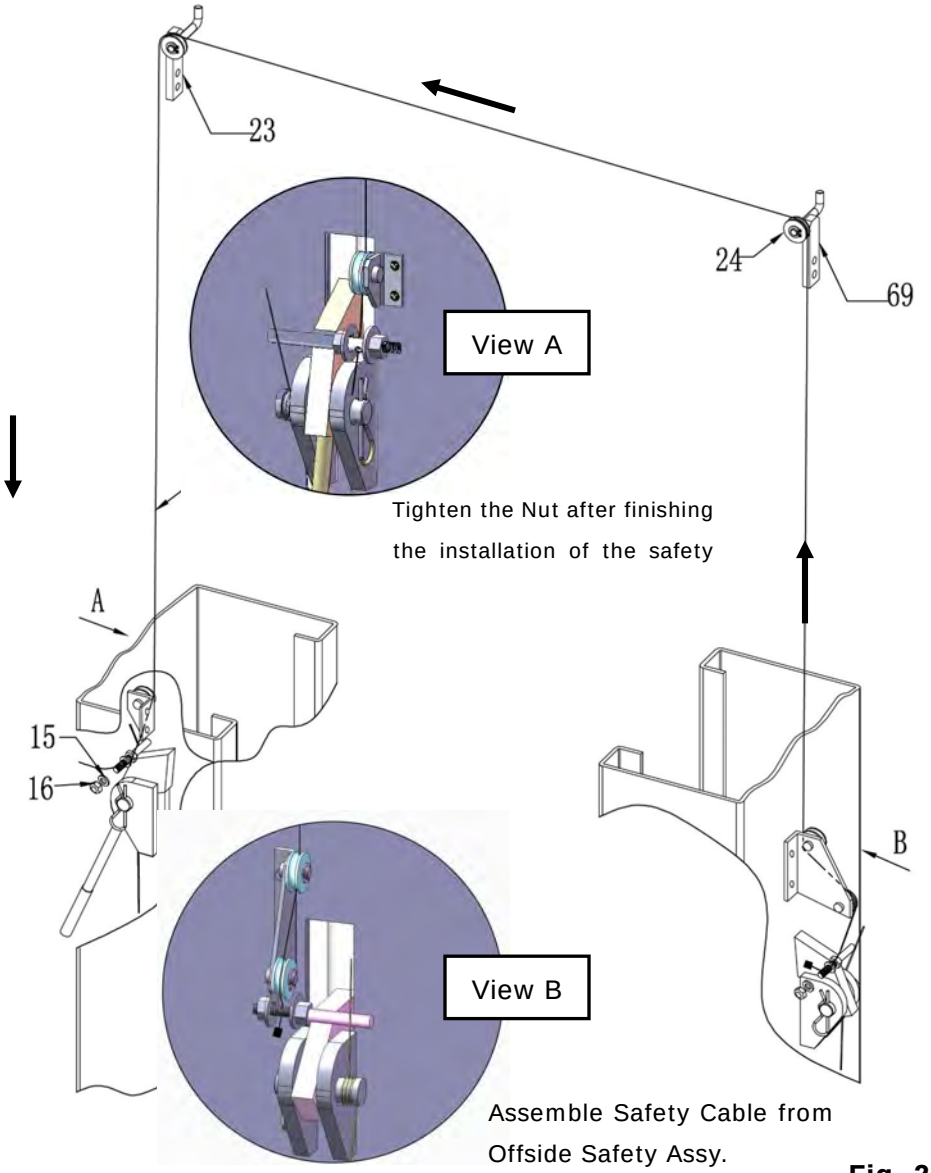
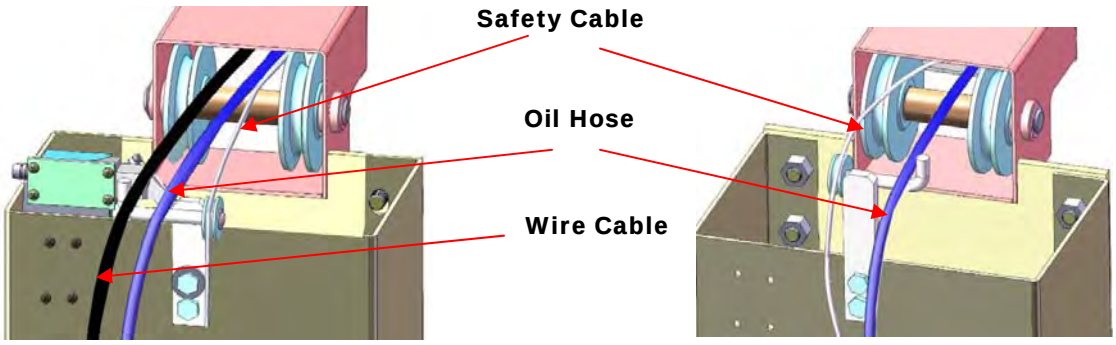



**Fig. 27**

## N. Assembly Cable Retainer

1. Install Oil Hose.

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

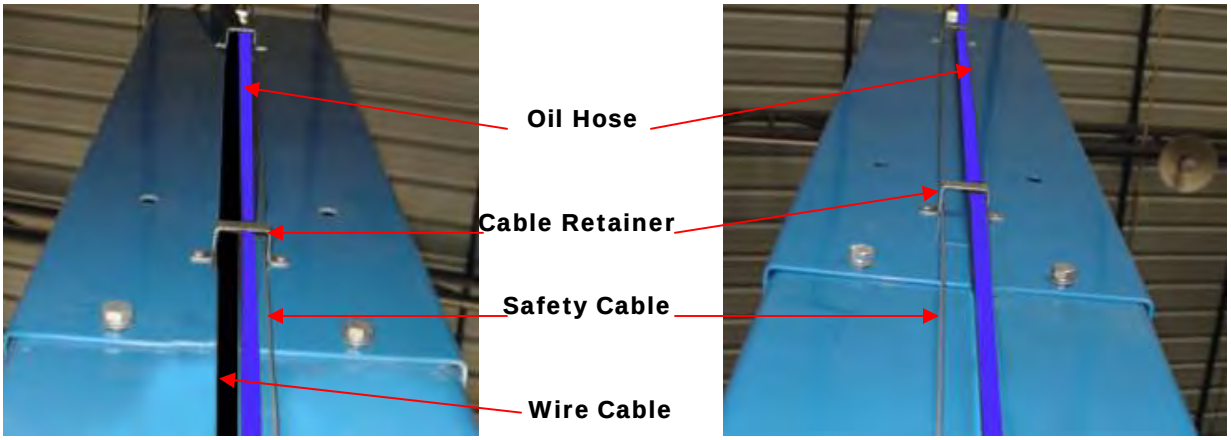



**Power side Safety Device**

**Off side Safety Device**

**Fig. 29**

2. Install Safety Cable and Oil Hose. **(See Fig. 30 & Fig. 31 & Fig. 32)**




**Power side Safety Device**
**Fig. 30**

**Off side Safety Device**
**Fig. 31**

The Safety Cable can not be installed inside cable clamp on top of Overhead Beam

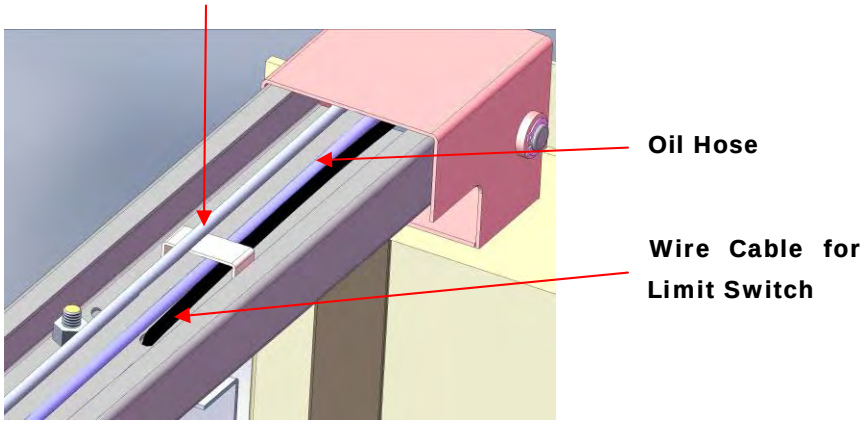



**Fig. 32**

**O. Install Lifting Arms (See Fig. 33).**

1. Install the Lifting Arms, adjust the Teeth of Arm Locks assembly so that it meshes with the Gear of Lifting Arm.
2. Tighten all the hydraulic fittings, and fill the Reservoir with Hydraulic Oil.

**Note: In consideration of Power Unit's durability, please use Hydraulic Oil #46 or #32**

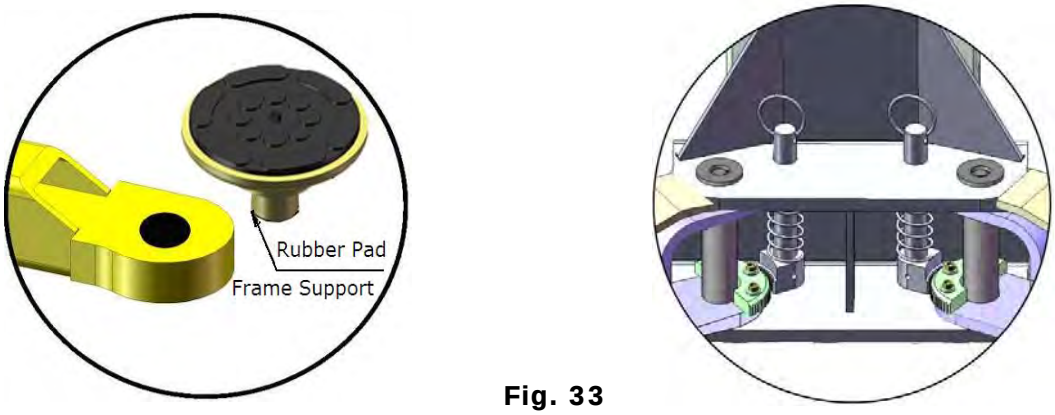



**Fig. 33**

## P. Install Electrical System

Connect the power according to the data plate on the Power Unit.

**Note: 1. The power wiring must be grounded to avoid electrical shock**

**Single phase motor (See Fig. 34).**

1. Connect the two power supply lines (fire wire **L** and zero wire **N**) to terminals on the AC contactor marked L1, L2.
2. Connect the two motor wires to terminals of AC contactor marked **T1, T2**.
3. Connect the jumper wire **A2** to **L2** on the AC contactor.
4. Connect the Limit Switch: Remove the line on Connecting Terminal **4#** of control button and **A1** of AC contactor first **(See Fig. 35)**, connect wire **12#** Limit Switch with Terminal **4#** of control button and connect wire **11#** with terminals **A1** of AC contactor. **(See Fig. 36)**

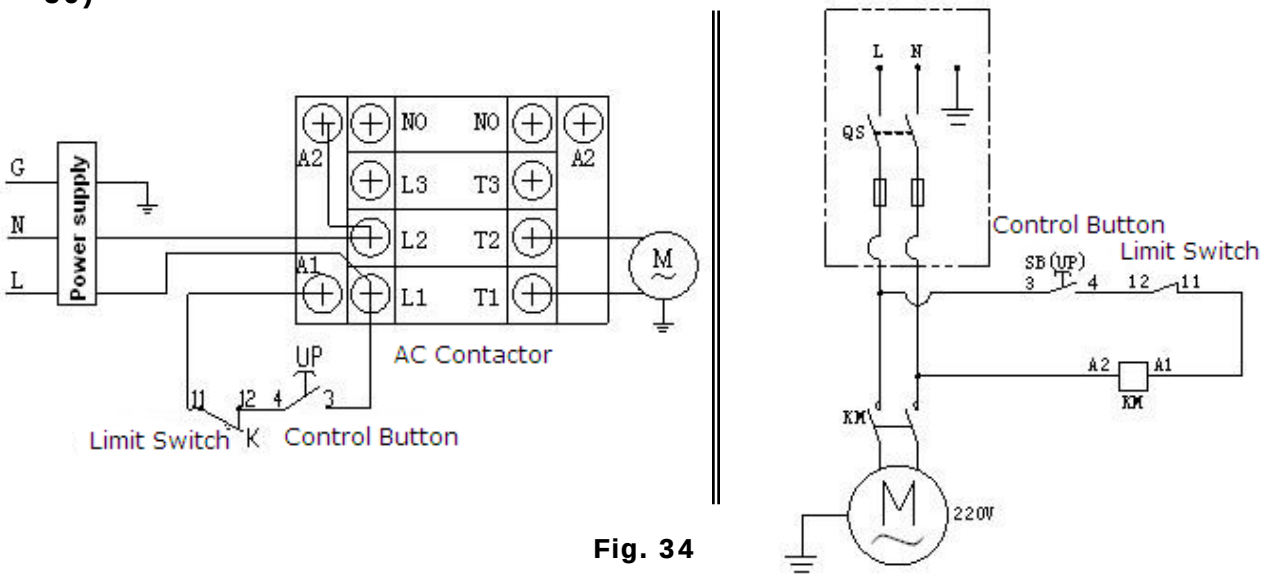



**Fig. 34**

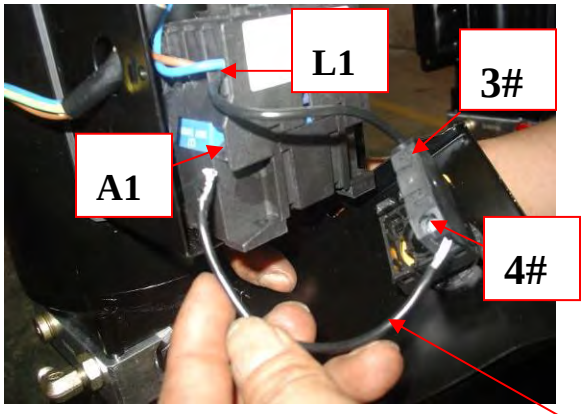
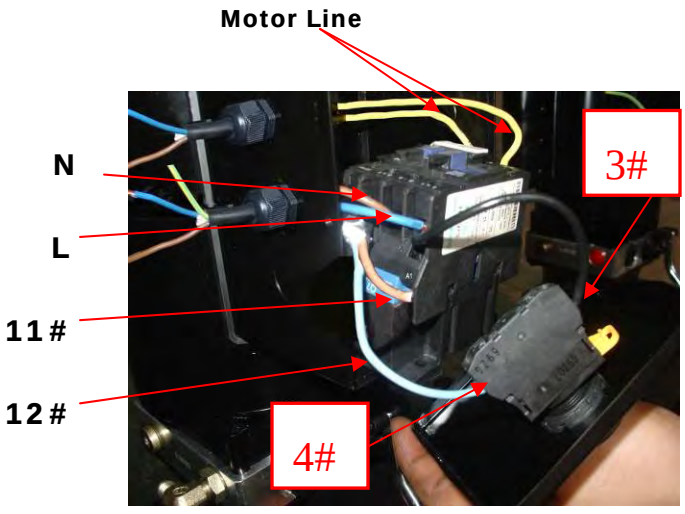



**Fig. 35**




Remove this line before connecting the Limit Switch

**Fig. 36**

## IV. EXPLODED VIEW

**Model OH-9000**

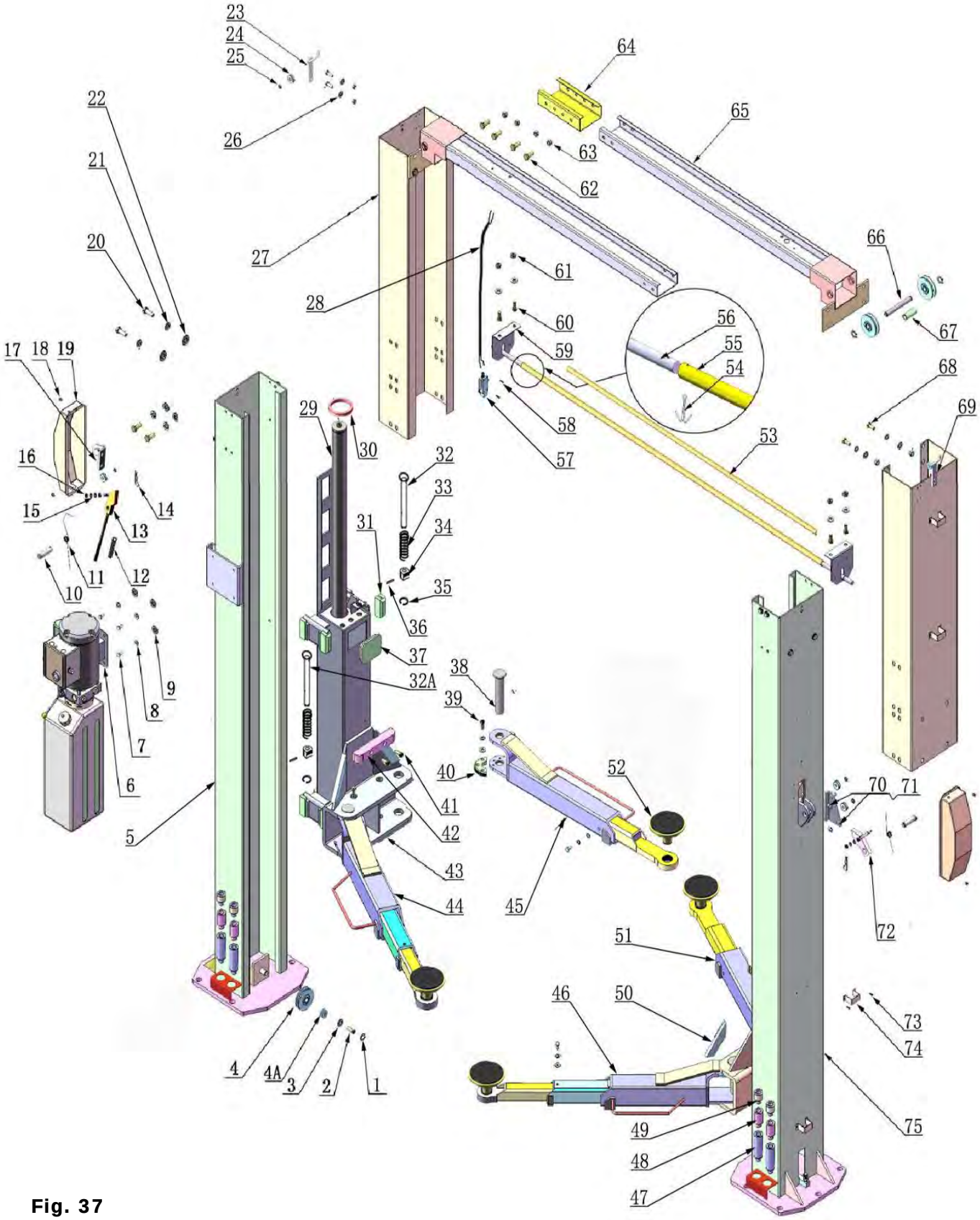



**Fig. 37**

## Cylinders

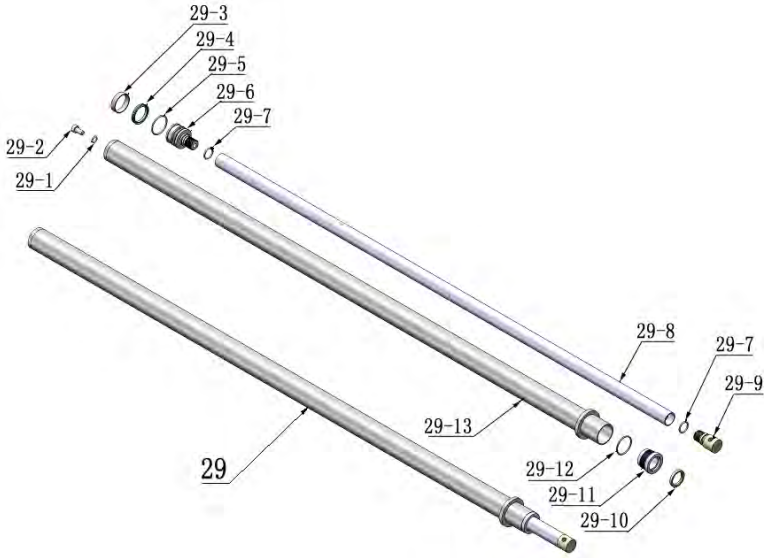



Fig. 38

## Hydraulic Power Unit

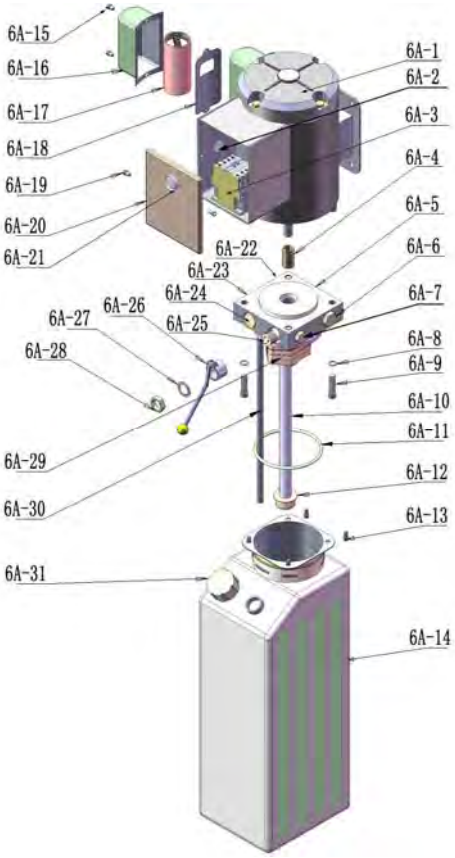



Fig. 39

## Illustration of Hydraulic Valve for hydraulic power unit


Fig. 40

## V. TEST RUN

### 1. Adjust Cables (See Fig. 41)

Use vise grips to hold the cable fitting, meanwhile Use a ratchet to tighten the cable nut.

Make sure the two cables have the same tension so the safety locks click at the same time.

Place the plastic cover on the carriage.

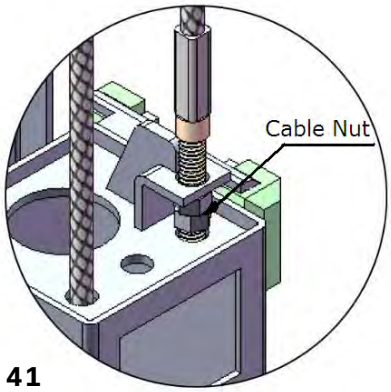



**Fig. 41**

**If the carriage does not synchronize when lifting, re-adjust**

**(See Fig. 42 & Fig. 43)**

a. Press **UP** button to lift the carriages up to the first safety lock. If one carriage is higher than the safety lock, lower until both carriages are on the safety locks.

b. Loosen the cable by adjusting the lock nuts, release the safety lock on the side that the carriage is in higher position. The other side safety lock is in engaged. Then lower the lift, the side with carriage in lower position would be locked, and the other side is unlocked. Continue to lower the lift until both carriages are at the same level.

c. Tighten the cable nut on the cables, and tighten the safety cable with the lock nuts, try to lift again, adjust the cables if needed.

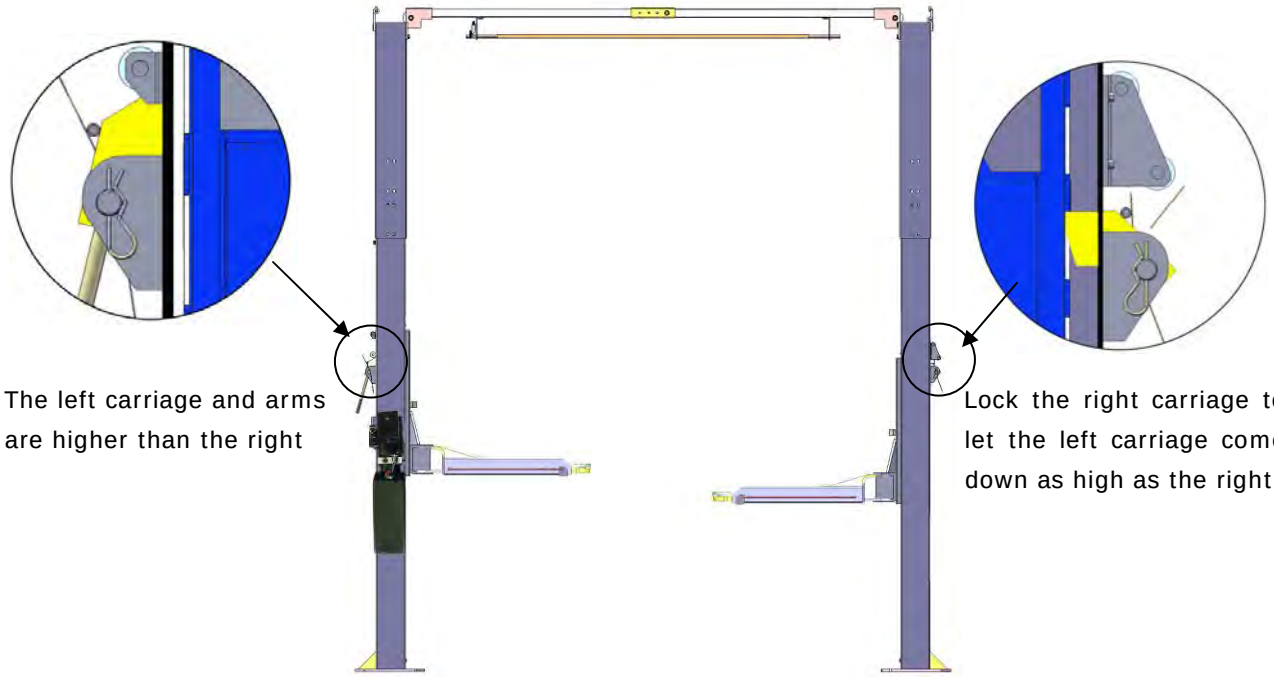



**Fig. 42**

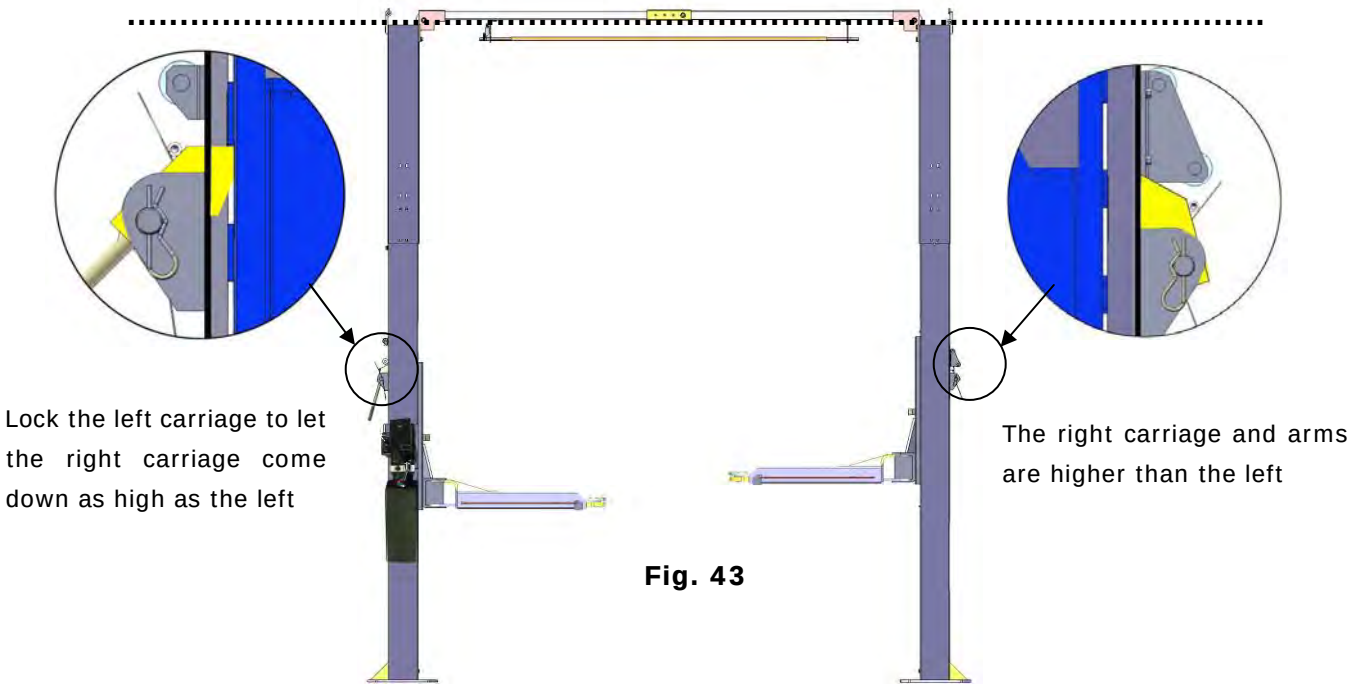



**Fig. 43**

## 2. Adjust Safety Cable

Lifting the carriage and lock at the same height, strain the Safety Cable and then release a little, and then tighten the cable nuts. Make sure the Safety Device always works properly.

## 3. Adjust the lower speed

You can adjust the lower speed of the lift if needed: Loosen the Lock Nut of the Throttle Valve, and then turn the Throttle Valve clockwise to decrease the lower speed, or counterclockwise to increase the lower speed. Do not forget to tighten the Lock Nut after the lower speed adjustment has been done.

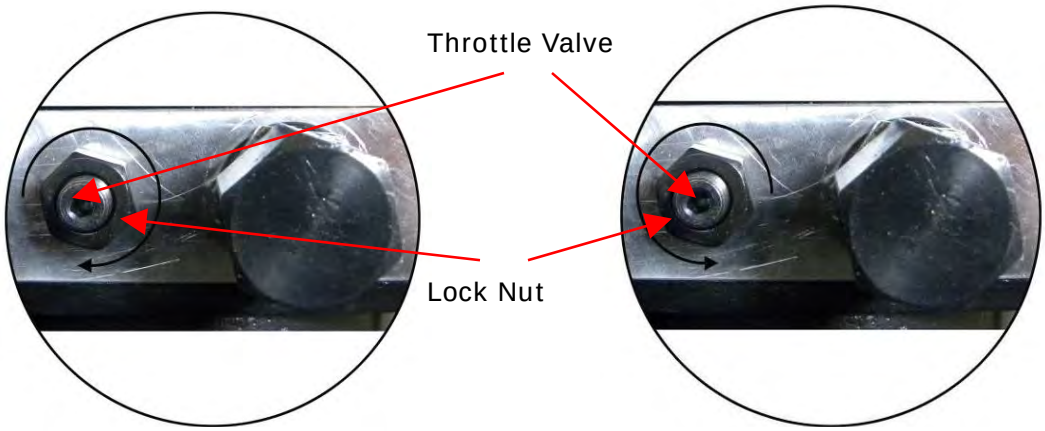



**Fig. 44**

**4. Test with load**

After finishing the above adjustment, test the lift with load. Run the lift in low position several times first, make sure the carriages can raise and lower at the same speed. Does Safety Device lock at the same time? Then test run the lift to the top.

**NOTE: The lift may vibrate on the way down with a load. There may be air trapped in the cylinders. This will cease after repeated up and down cycles.**

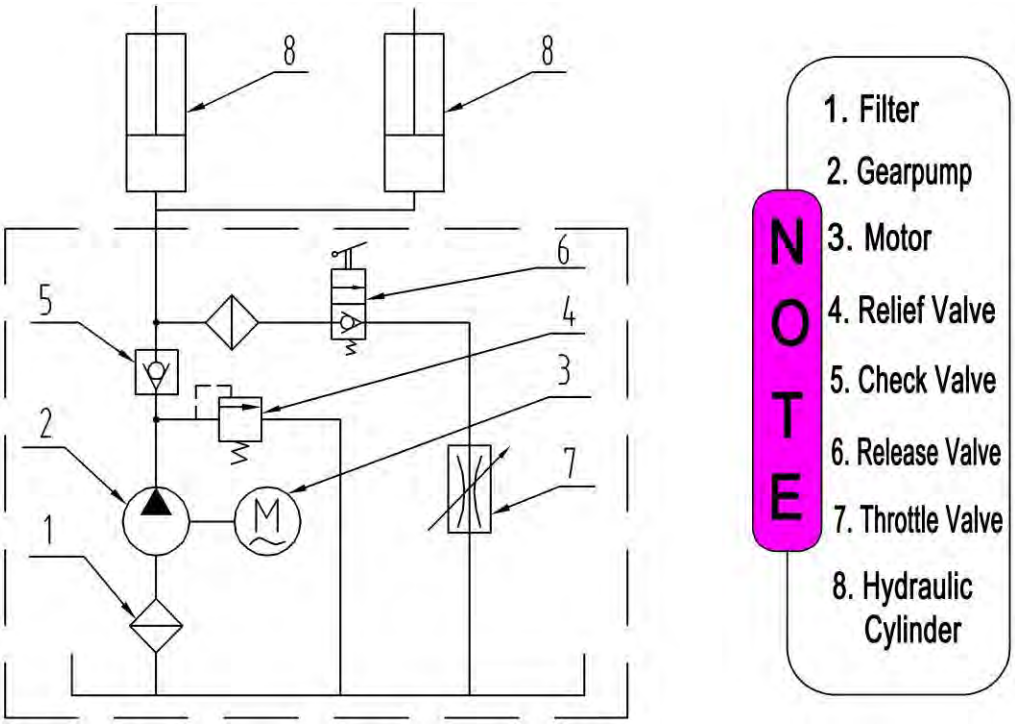



**Fig. 45 Hydraulic System**

## Ⅵ. OPERATION INSTRUCTIONS

**Please read the safety tips carefully before operating the lift**

**To lift vehicle**

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

   **Note: The four lift arms must make contact at the same time on the vehicle's lifting points. Refer manufacturers recommended lifting points**
7. Press the **UP** button until the lift pads contact the underside of vehicle. Check to make sure vehicle is secure;
8. Continue to raise the lift slowly to the desired working height, ensuring the balance of vehicle;
9. Push lowering handle to lower lift onto the nearest safety lock. The vehicle is ready to repair.

**To lower vehicle**

1. Be sure there are no obstructions under or around lift;
2. Press the button of **UP** to raise the vehicle slightly, and then release the safety device, lower vehicle by pushing the lowering handle.
3. Open the arms and position them to the shortest length;
4. Drive away the vehicle.
5. Turn off the power.

## VII.MAINTENANCE SCHEDULE

### Monthly:

1. Re-torque the anchor bolts to 100-150 torque pounds
2. Check all connectors, bolts and pins to insure proper mounting
3. Lubricate cable with lubricant
4. Make a visual inspection of all hydraulic hoses/lines for possible wear or leakage
5. Check Safety device and make sure proper condition
6. Lubricate (lightly) all Rollers and Pins with 90wt. Gear oil or equivalent

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

### Every six months:

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

## . TROUBLE SHOOTING

| TROUBLE | CAUSE | REMEDY |
|---|---|---|
| Motor does not run | 1. Button does not work<br>2. Wiring connections are not in good condition<br>3. Motor burned out<br>4. Height Limit Switch is damaged<br>5. AC contactor burned out | 1. Replace button<br>2.Repair all wiring connections<br>3. Repair or replace motor<br>4.Replace the Limit Switch<br>5. Replace AC Contactor |
| Motor runs but the lift is not raised | 1. Motor runs in reverse rotation<br>2. Gear Pump out of operation<br>3. Release Valve in damage<br>4. Relief Valve or Check Valve in damage<br>5. Low oil level | 1.Reverse two power wire<br>2.Repair or replace<br>3. Repair or replace<br>4.Repair or replace<br>5.Fill tank |
| Lift does not stay up | 1. Release Valve out of work<br>2. Relief Valve or Check Valve leakage<br>3. Cylinder or Fittings leaks | Repair or replace |
| Lift raises slowly | 1. Oil line is jammed<br>2. Motor running on low voltage<br>3. Oil mixed with air<br>4. Gear Pump leaks<br>5. Overload lifting | 1. Clean the oil line<br>2. Check Electrical System<br>3. Fill tank<br>4. Replace Pump<br>5. Check load |
| Does not lower | 1. Safety device are activated<br>2. Release Valve damaged<br>3. Safety cable broken<br>4. Oil system is blocked | 1. Release the safeties<br>2. Repair or replace<br>3. Replace<br>4. Clean the oil system |

## IX. Parts List for Model 209C and 209CH (See Fig. 37 & Fig. 4)

| Item. | Part No. | Description | Qty. | | Note |
|---|---|---|---|---|---|
| | | | 209C | 209CH | |
| 1 | 206019 | Snap Ring | 6 | 6 | |
| 2 | 206058 | Bolt | 2 | 2 | |
| 3 | 206059 | Washer | 2 | 2 | |
| 4 | 206020 | Pulley | 6 | 6 | |
| 4A | 2170120 | Bronze Bush For Pulley | 6 | 6 | |
| 5 | 206001 | Power side Inner Post | 1 | 1 | |
| 6 | 209002 | Hydraulic Power Unit | 1 | 1 | |
| 7 | 209003 | Hex Bolt | 8 | 8 | |
| 8 | 209004 | Rubber Ring | 4 | 4 | |
| 9 | 209005 | Nylon Lock Nut | 8 | 8 | |
| 10 | 206002 | Safety Pin | 2 | 2 | |
| 11 | 209007 | Safety Spring | 2 | 2 | |
| 12 | 206003 | Handle Protective Plastic cushion | 1 | 1 | |
| 13 | 206004 | Power side Safety Assy. | 1 | 1 | |
| 14 | 209012 | Hair Pin | 2 | 2 | |
| 15 | 206006 | Washer | 24 | 24 | |
| 16 | 206023A | Hex Nut | 4 | 4 | |
| 17 | 206004A | Safety Pulley Bracket | 1 | 1 | |
| 18 | 209009 | Cup Head Bolt | 4 | 4 | |
| 19 | 206005 | Safety Cover | 2 | 2 | |
| 20 | 209038 | Hex Bolt | 26 | 26 | |
| 21 | 209039 | Lock Washer | 38 | 38 | |
| 22 | 209022 | Washer | 38 | 38 | |
| 23 | 206010 | Safety Pulley Bracket | 1 | 1 | |
| 24 | 206009 | Plastic Pulley | 5 | 5 | |
| 25 | 209010 | Snap Ring | 5 | 5 | |
| 26 | 209033 | Washer | 4 | 4 | |
| 27 | 206008 | Outer Post | 2 | 0 | |
| | 206008A | | 0 | 2 | |
| 28 | 206015A | Wire Cable | 1 | 0 | |
| | 206015B | | 0 | 1 | |
| 29 | 217056 | Hydraulic Cylinder | 2 | 2 | |
| 30 | 209111 | Protective Ring For Cylinder | 2 | 2 | |
| 31 | 206044 | Slider | 16 | 16 | |
| 32 | 206046A | Arm Lock Bar | 2 | 2 | |

| Item. | Part No. | Description | Qty. | | Note |
|---|---|---|---|---|---|
| | | | 209C | 209CH | |
| 32A | 206046B | Arm Lock Bar | 2 | 2 | |
| 33 | 206050A | Spring | 4 | 4 | |
| 34 | 217044 | Teeth | 4 | 4 | |
| 35 | 206032 | Snap Ring | 4 | 4 | |
| 36 | 206036 | Hair Pin | 4 | 4 | |
| 37 | 209016 | Carriage Plastic Cover | 2 | 2 | |
| 38 | 217047 | Lifting Arm Pin | 4 | 4 | |
| 39 | 206048 | Socket Bolt | 12 | 12 | |
| 40 | 206049 | Gear | 4 | 4 | |
| 41 | 206046 | Self-tapping Screw | 4 | 4 | |
| 42 | 206045 | Protective Rubber | 2 | 2 | |
| 43 | 206052A | Lifting Head | 2 | 2 | |
| 44 | 206075 | Lifting Arm – Front Right (drop-in) | 1 | 1 | |
| 45 | 206076 | Lifting Arm – Rear Right (drop-in) | 1 | 1 | |
| 46 | 206077 | Lifting Arm – Front Left (drop-in) | 1 | 1 | |
| 47 | 209053 | Stackable Adapter (6”) | 4 | 4 | |
| 48 | 209052 | Stackable Adapter (3”) | 4 | 4 | |
| 49 | 209051 | Stackable Adapter (1.5”) | 4 | 4 | |
| 50 | 206072 | Protective Rubber Set | 4 | 4 | |
| 51 | 206078 | Lifting Arm – Rear Left (drop-in) | 1 | 1 | |
| 52 | 680030 | Rubber Pad Frame Support | 4 | 4 | |
| 53 | 206025A | Foam Cushion | 1 | 1 | |
| 54 | 201005 | Split Pin | 2 | 2 | |
| 55 | 206025 | Control Bar | 1 | 1 | |
| 56 | 206025C | Connecting Pin for Control Bar | 2 | 2 | |
| 57 | 206013 | Limit Switch | 1 | 1 | |
| 58 | 206011 | Cup Head Bolt | 2 | 2 | |
| 59 | 206042 | Control Bar Support Bracket | 2 | 2 | |
| 60 | 206041 | Hex Bolt | 4 | 4 | |
| 61 | 206023 | Nylon Lock Nut | 12 | 12 | |
| 62 | 206017 | Hex Bolt | 8 | 8 | |
| 63 | 209056 | Nylon Lock Nut | 8 | 8 | |
| 64 | 206016 | Connecting Bracket | 1 | 1 | |
| 65 | 206018 | Top Beam W/Bracket | 2 | 2 | |
| 66 | 206021 | Pin For Pulley | 2 | 2 | |
| 67 | 206022 | Top Pulley Tube | 2 | 2 | |

| Item. | Part No. | Description | Qty. | | Note |
|---|---|---|---|---|---|
| | | | 209C | 209CH | |
| 68 | 206024 | Hex Bolt | 8 | 8 | |
| 69 | 206010A | Safety Pulley Bracket | 1 | 1 | |
| 70 | 206008A | Hex Bolt | 4 | 4 | |
| 71 | 206008B | Safety Pulley Bracket | 1 | 1 | |
| 72 | 206026 | Offside Safety Assy. | 1 | 1 | |
| 73 | 206028 | Cup Head Bolt | 20 | 20 | |
| 74 | 206029 | Retainer | 10 | 10 | |
| 75 | 206030 | Offside Inner Post | 1 | 1 | |
| 76 | 209059 | Anchor Bolts | 10 | 10 | |
| **Optional Arms With Screwed Rubber Pads (See Fig. 37)** | | | | | |
| 77 | 206037A | Lifting Arm – Rear Right (screw-in) | 1 | 1 | |
| 78 | 206053A | Lifting Arm – Front Right (screw-in) | 1 | 1 | |
| 79 | 206031 | Inner Screw Assy. | 4 | 4 | |
| 80 | 206032 | Snap Ring | 4 | 4 | |
| 81 | 206034 | Outer Screw | 4 | 4 | |
| 82 | 206033 | Snap Ring | 8 | 8 | |
| 83 | 206055A | Lifting Arm – Front Left (screw-in) | 1 | 1 | |
| 84 | 206039A | Lifting Arm – Rear Left (screw-in) | 1 | 1 | |
| **Parts For Oil Hose, Fitting & Cable (See Fig. 23, Fig. 24, Fig. 25, Fig. 26)** | | | | | |
| 85 | 206064A | Cable | 2 | 0 | |
| | 206064B | | 0 | 2 | |
| 86 | 209066 | Cable Nut | 8 | 8 | |
| 87 | 206073 | T- Fitting For Power Unit | 1 | 1 | |
| 88 | 206074 | Hose | 1 | 1 | |
| 89 | 209064 | Straight Fitting | 2 | 2 | |
| 90 | 206062 | Straight Fitting | 2 | 2 | |
| 91 | 233009 | Pipe Fitting | 2 | 2 | |
| 92 | 206061A | Hose | 1 | 0 | |
| | 206061B | | 0 | 1 | |
| 93 | 206065 | Safety Cable | 1 | 0 | |
| | 206065A | | 0 | 1 | |
| **Parts For Hydraulic Cylinder (See Fig. 38)** | | | | | |
| 29-1 | 209069 | O-Ring | 2 | 2 | |
| 29-2 | 209070 | Bleeding Plug | 2 | 2 | |
| 29-3 | 209071 | Support Ring | 2 | 2 | |
| 29-4 | 209072 | Y-Ring | 2 | 2 | |

| Item. | Part No. | Description | Qty. | | Note |
|---|---|---|---|---|---|
| | | | 209C | 209CH | |
| 29-5 | 209073 | O-Ring | 2 | 2 | |
| 29-6 | 209074 | Piston | 2 | 2 | |
| 29-7 | 209075 | O-Ring | 2 | 2 | |
| 29-8 | 209076A | Piston Rod | 2 | 2 | |
| 29-9 | 209077 | Piston Rod Fitting | 2 | 2 | |
| 29-10 | 209078 | Dust Ring | 2 | 2 | |
| 29-11 | 209079 | Head Cap | 2 | 2 | |
| 29-12 | 209080 | O-Ring | 2 | 2 | |
| 29-13 | 209081A | Bore Weldment | 2 | 2 | |
| **Parts For Power Unit (See Fig. 39)** | | | | | |
| 6A-1 | 209082A | Motor | 1 | 1 | |
| 6A-2 | 209109 | Protective Ring | 1 | 1 | |
| 6A-3 | 209112 | AC contactor | 1 | 1 | |
| 6A-4 | 209083A | Motor Connecting Shaft | 1 | 1 | |
| 6A-5 | 209084A | Valve Body | 1 | 1 | |
| 6A-6 | 209085A | Relief Valve | 1 | 1 | |
| 6A-7 | 209113 | Throttle valve | 1 | 1 | |
| 6A-8 | 209086A | Spring Washer | 4 | 4 | |
| 6A-9 | 209087A | Socket Bolt | 4 | 4 | |
| 6A-10 | 209088A | Inlet Pipe | 1 | 1 | |
| 6A-11 | 209089A | O-Ring | 1 | 1 | |
| 6A-12 | 209090A | Filter | 1 | 1 | |
| 6A-13 | 209091A | Socket bolt | 4 | 4 | |
| 6A-14 | 209092A | Reservoir | 1 | 1 | |
| 6A-15 | 209093A | Cup Head Bolt With Washer | 4 | 4 | |
| 6A-16 | 209094A | Cover of Capacitor | 2 | 2 | |
| 6A-17 | 209095A | Capacitor | 2 | 2 | |
| 6A-18 | 209096A | Rubber Gasket | 2 | 2 | |
| 6A-19 | 209097A | Cup Head Bolt With Washer | 2 | 2 | |
| 6A-20 | 209098A | Cover of Motor Terminal Box | 1 | 1 | |
| 6A-21 | 209099A | Push Button | 1 | 1 | |
| 6A-22 | 209110A | Oil Return Port | 1 | 1 | |
| 6A-23 | 209100A | Oil Outlet | 1 | 1 | |
| 6A-24 | 209105A | Check Valve | 1 | 1 | |
| 6A-25 | 209101A | Release Valve | 1 | 1 | |
| 6A-26 | 209102A | Handle For Release Valve | 1 | 1 | |
| 6A-27 | 209103A | Washer | 1 | 1 | |
| 6A-28 | 209104A | Hex Nut | 1 | 1 | |
| 6A-29 | 209106A | Gear Pump | 1 | 1 | |
| 6A-30 | 209107A | Oil Return Pipe | 1 | 1 | |
| 6A-31 | 209108A | Filler Cap | 1 | 1 | |