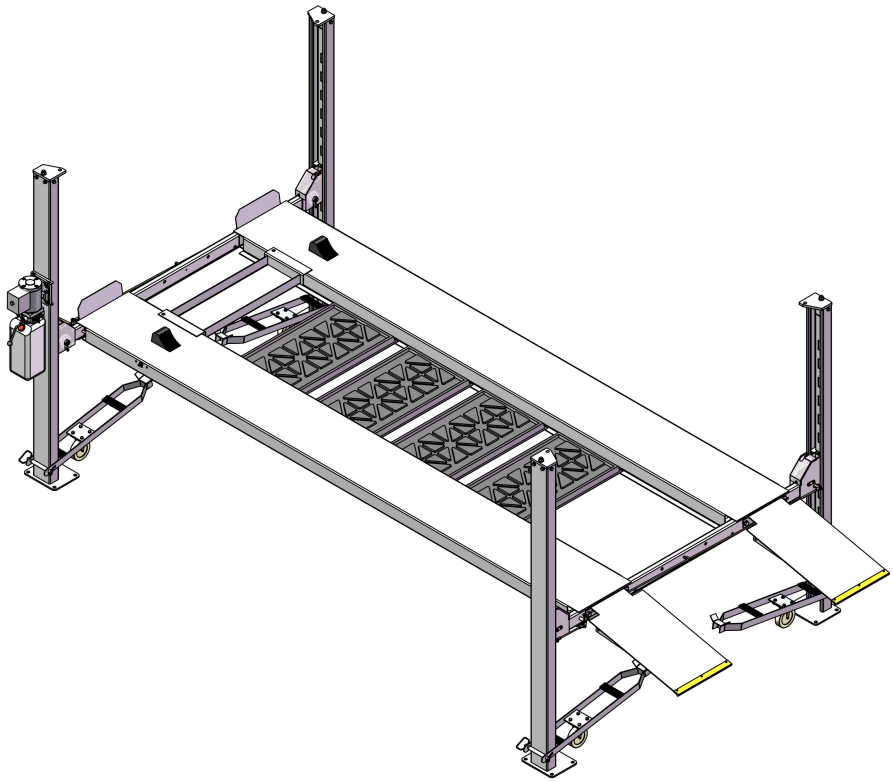
QUICKLIFT USA

QL4P8K-LUXE

INSTALLATION & OWNER MANUAL

Four-post vehicle lift | 8,000 lb capacity



READ AND RETAIN THESE INSTRUCTIONS

Quick Lift USA Inc. | 2026 edition

Installation | Operation | Inspection | Maintenance | Parts

Safety information

Operator training

Read this manual and all warning labels before installing, operating, or servicing the lift. Only trained personnel should operate or repair this equipment.

Rated capacity

Never exceed 8,000 lbs. Confirm that the vehicle fits the runways and that the lift is suitable for its weight and dimensions.

Electrical connection

The lift is equipped with a 110V, single-phase, 1 HP motor and a prewired three-prong plug. Connect it to a properly grounded receptacle. Never remove the grounding prong or modify the plug. Electrical repairs must be performed by a qualified electrician.

Shipping damage

Inspect the shipment for damage and missing parts. The buyer must submit claims for shipping damage to the carrier.

Product changes

The manufacturer may make design improvements without notice and is not obligated to update previously sold equipment.

Warranty coverage

Quick Lift USA automatically provides a two-year warranty on all non-wearable parts. No registration form or other paperwork is required to activate this coverage. Contact Quick Lift USA for warranty assistance.

> **WARNING - READ BEFORE USE**
>
> Never exceed the rated lifting capacity. Keep people clear of the lift while it is moving, and confirm that all safety locks engage before working around a raised vehicle. Read and follow every warning label attached to the lift.

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Keep this manual accessible to all operators and service personnel. Use the drawing references and item numbers to identify components during installation and maintenance.

Features & specifications

The QL4P8K-LUXE provides elevated parking and access for compatible vehicles within its rated capacity. Lower the runways onto all four mechanical safety locks before accessing the space beneath a vehicle.

Specification	Value
Model	QL4P8K-LUXE
Rated lifting capacity	8,000 lb
Maximum lifting height	72 13/16 in.
Clearance beneath lift on top lock	68 1/2 in.
Minimum runway height	5 1/8 in.
Overall height	81 3/4 in.
Overall width, without power unit	102 3/8 in.
Overall width, including power unit	113 3/8 in.
Length with approach ramps	207 3/16 in.
Length without approach ramps	175 in.
Width between columns beneath lift	93 11/16 in.
Drive-through clearance on lift	80 11/16 in.
Runway length	165 3/8 in.
Runway width	18 11/16 in.
Clear spacing between runways	37 5/8 in.
Motor / supply	1 HP / 110V single-phase
Power connection	Prewired grounded three-prong plug
Mechanical safety system	Four locking points / 9 lock positions
Lifting cables	3/8 in. diameter
Lifting time	50 seconds
Gross shipping weight	1,750 lb
Warranty	Automatic 2 years on non-wearable parts

Installation procedure

01 Plan and inspect the site - Select a location with adequate clearance for the lift and vehicle. Mark the installation layout using Figure 1. Inspect the floor for cracks or other defects. Concrete must have a minimum compressive strength of 3,000 psi. Check all supplied components against the packing list.

02 Assemble the columns and crossbeams - Install the column covers. Seat the crossbeam safety hooks in the square openings of the safety plates. See Z-1, Z-2, Z-2-1, and Z-2-2.

03 Install the runways and cables - Assemble the crossbeams and runways, route the lifting cables, and fit the protective covers. See Z-3 through Z-3-4.

04 Mount the hydraulic power unit - Install the power unit and hydraulic line as shown in Z-4.

05 Install the manual safety release - Assemble the release linkage. See Z-5 through Z-5-5.

06 Fit the runway accessories - Install the jack trays, approach ramps, wheel stops, rubber pads, and plastic drip trays. See Z-6.

07 Install optional moving equipment - Assemble the caster frames and foot-operated components, if supplied. Refer to Z-7 for their mounting locations.

08 Connect power and fill the reservoir - Fill the reservoir with the specified hydraulic oil. Connect the prewired three-prong plug to a properly grounded 110V receptacle.

09 Check cable routing and tension - Briefly raise the unloaded lift while watching the cables. Confirm that each cable is seated correctly. Release the locks using the fitted release mechanism, lower fully, and adjust all four cables to equal tension.

10 Align the columns and crossbeams - Position the guide blocks close to the columns. Use steel shims to align each column vertically. Drill the mounting holes and secure the anchor bolts.

11 Level the runways - Raise the unloaded lift to a locking position and engage the locks. Check level, adjust the cable nuts as needed, and tighten the locknuts.

12 Apply labels and finish the setup - Install all warning and identification labels. Organize the work area and complete the startup checks before use.

> **BEFORE OPERATING THE LIFT**
>
> Confirm that all four columns are vertical, all lifting cables are seated correctly, and every safety lock engages and releases properly. Complete the unloaded startup checks on page 6 before loading a vehicle.

Initial setup and operation

Initial unloaded test

- Fill the power-unit reservoir with N32 or N46 hydraulic oil.
- Press the raise control briefly and observe the lifting cables. Each cable must remain properly seated in its pulley. Once cable routing is confirmed, raise the runways and remove the assembly supports.
- Raise the unloaded runways to a locking position, then lower them onto the safety locks. Confirm that all four locks engage securely.
- Lower the lift fully and adjust the four cable nuts so cable tension is equal.
- Complete at least two full raising and lowering cycles without a load. Check the hydraulic system for leaks and verify smooth movement. Test the safety locks several times to confirm reliable engagement.

Positioning and securing the vehicle

Park the vehicle on the runways, apply the parking brake, and use wheel chocks. Keep people and objects clear of the lift during all raising and lowering operations.

Lowering from the safety locks

Raise the runways slightly to take the load off the safety locks. Disengage the locks using the fitted release mechanism, then lower the lift. Attempting to lower while the locks are still loaded can damage the release mechanism.

> **WARNING - KEEP THE LIFT CLEAR**
>
> All four columns must be plumb after installation. Do not operate the lift if a cable is out of position, a safety lock fails to engage, a leak is present, or the lift moves unevenly. Correct the condition before returning the lift to service.

Keep the operating area clear throughout the lifting cycle. Stop immediately if the lift moves unevenly or any safety device fails to function correctly.

Inspection and maintenance

Daily checks

- Watch the safety locks during operation. Check that they engage and release correctly and that the column covers are secure.
- Inspect hydraulic fittings, hoses, and any air-line connections for leaks.
- Inspect cables and connections for bends, broken strands, looseness, and wear during movement.
- Check retaining clips, bolts, nuts, and screws. Tighten loose fasteners immediately.
- Inspect wiring and switches for damage. Check the concrete around the expansion anchors.

Weekly checks

- Check anchor security and the condition of the surrounding concrete. Tighten loose anchors only to the approved installation specification.
- Check the hydraulic oil level. Inspect and tighten loose bolts, nuts, and screws.
- Inspect the pulleys and shafts for proper alignment and movement.

Monthly checks

- Lubricate the cable pulleys and pulley shafts.
- Inspect lifting cables for wear. Replace severely worn cables immediately.
- Check the hydraulic oil condition. Change the oil as needed, depending on use.

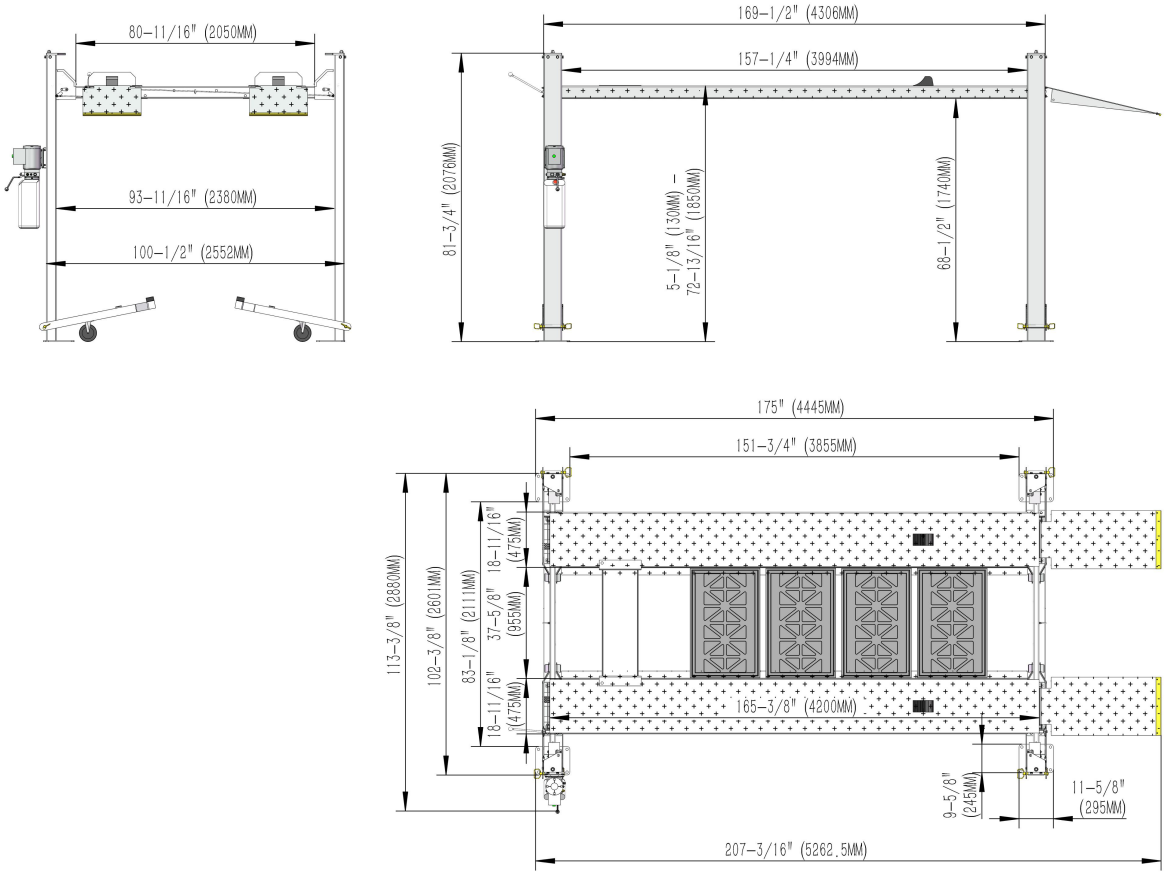
Annual / periodic lubrication

- Use a grease gun to lubricate the cable-pulley shafts at least once a year. Lubricate more frequently as operating conditions require.

> **SERVICE NOTE**
>
> Keep the lift out of service until damaged or defective safety-critical components are repaired or replaced. Retain an inspection and service record with the lift.

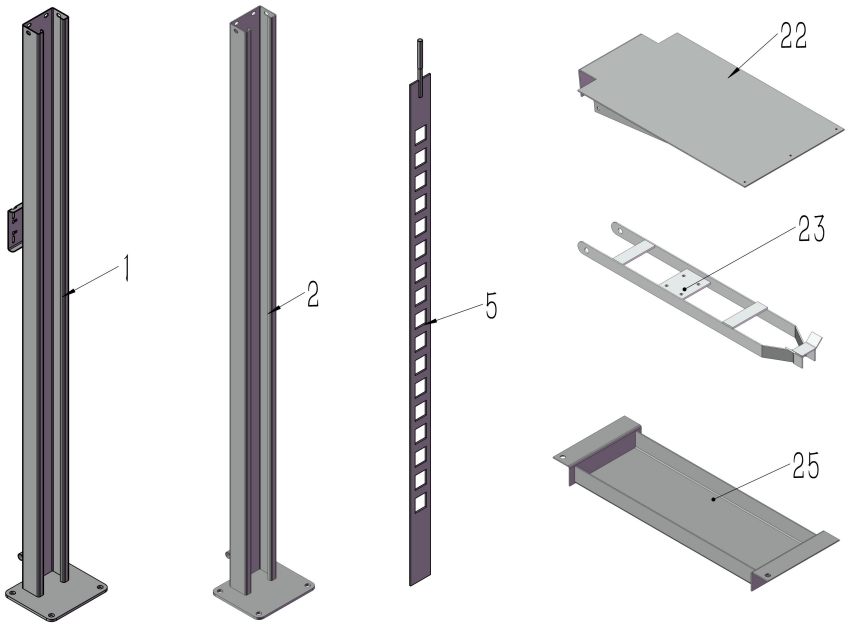
Overall dimensions

Figure 1

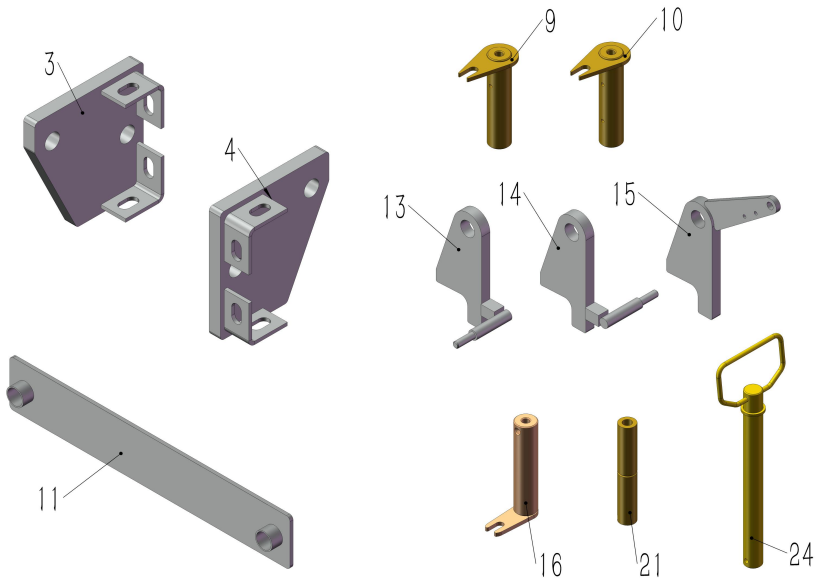


Exploded component drawings

1-2-5-22-23-25

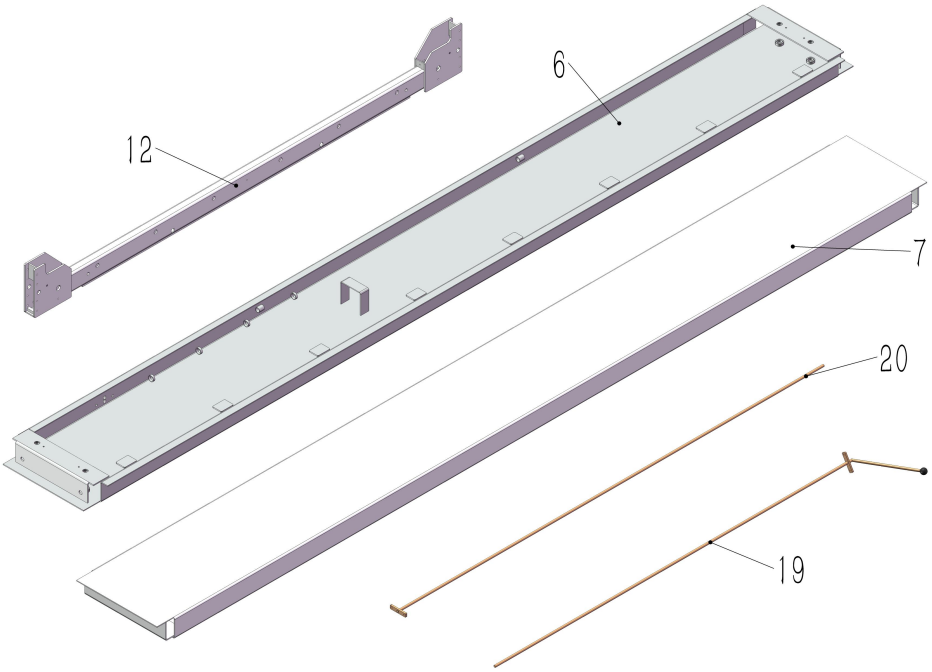


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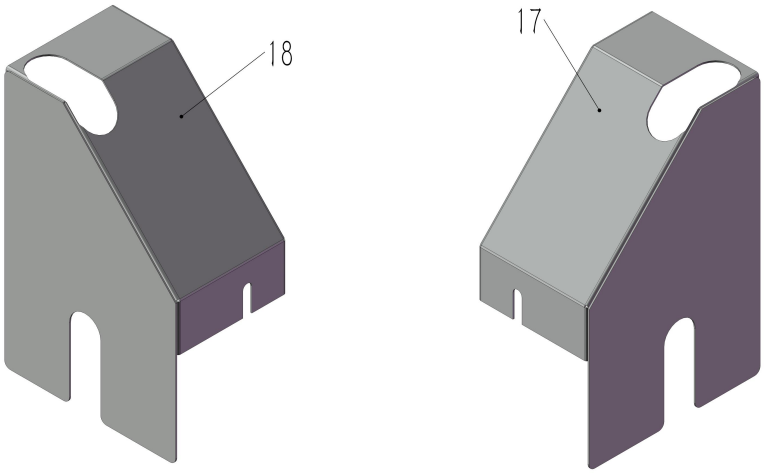


Exploded component drawings

6-7-12-19-20

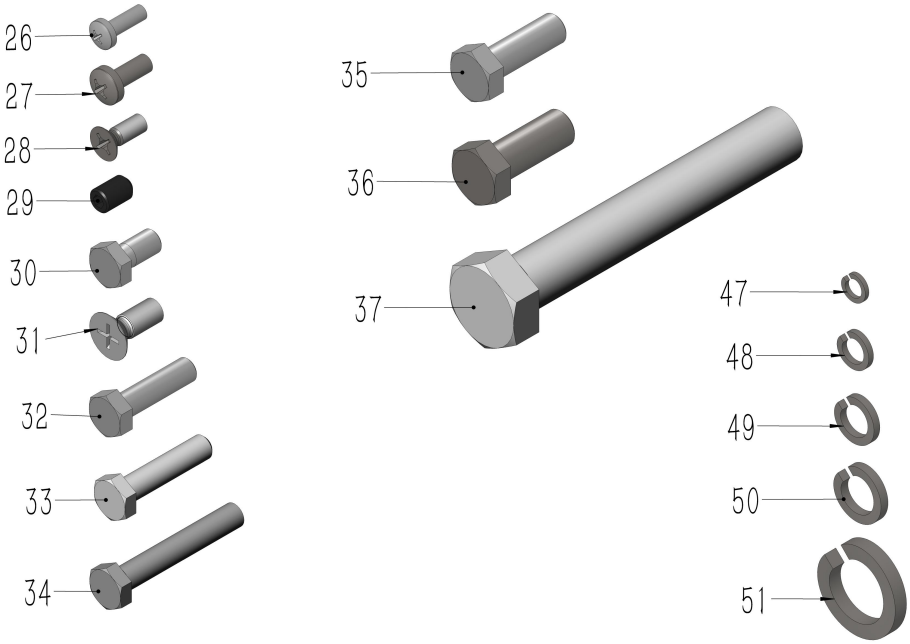


17-18

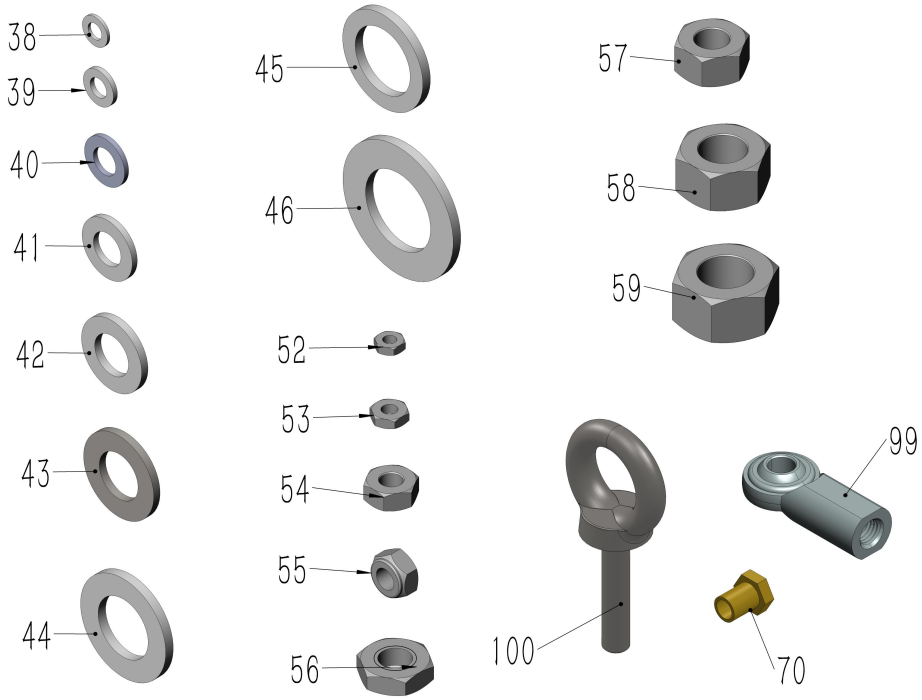


Exploded component drawings

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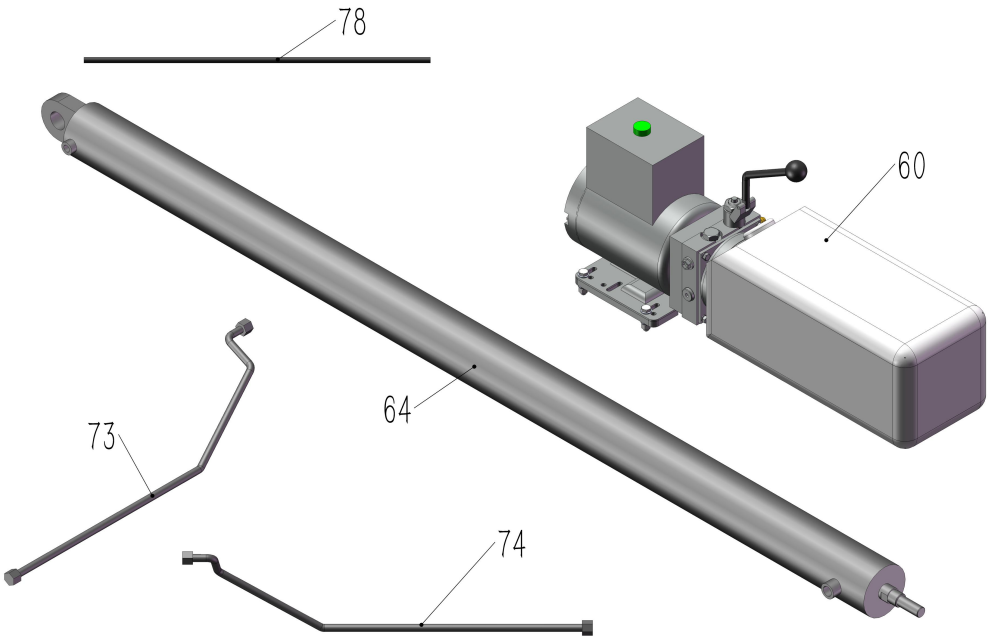


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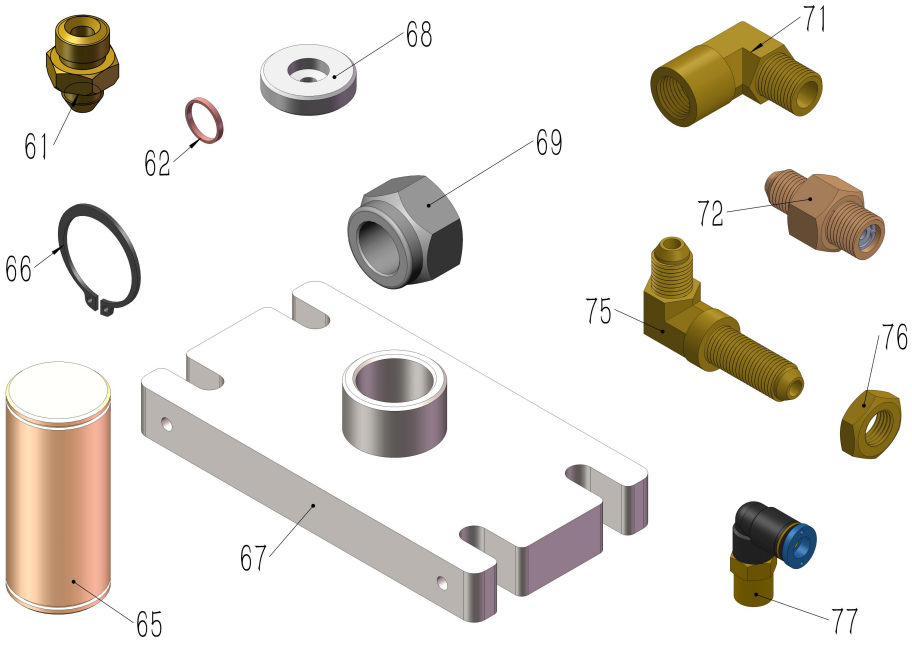


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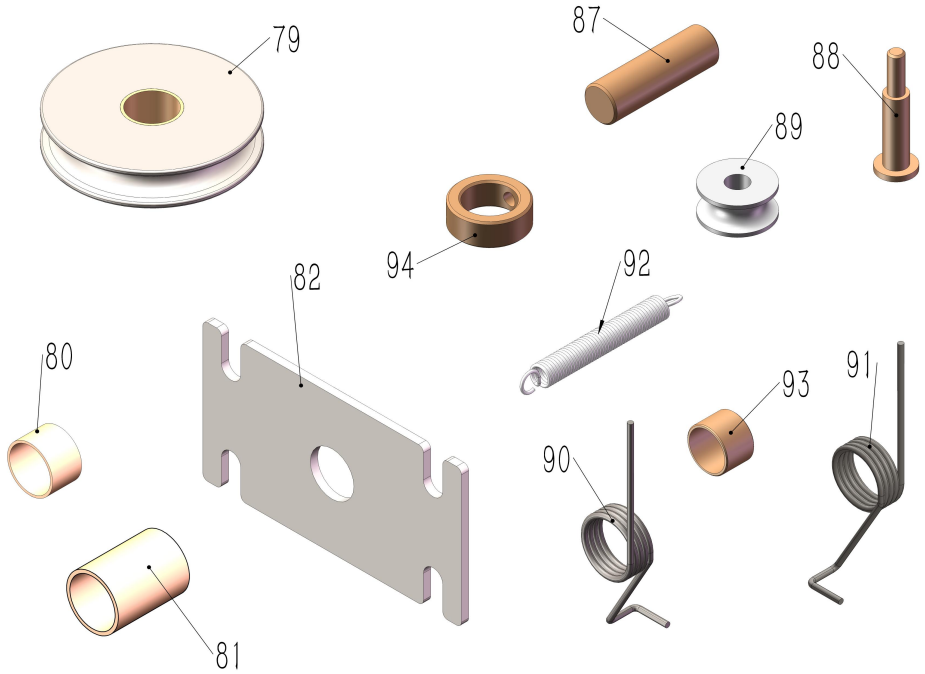


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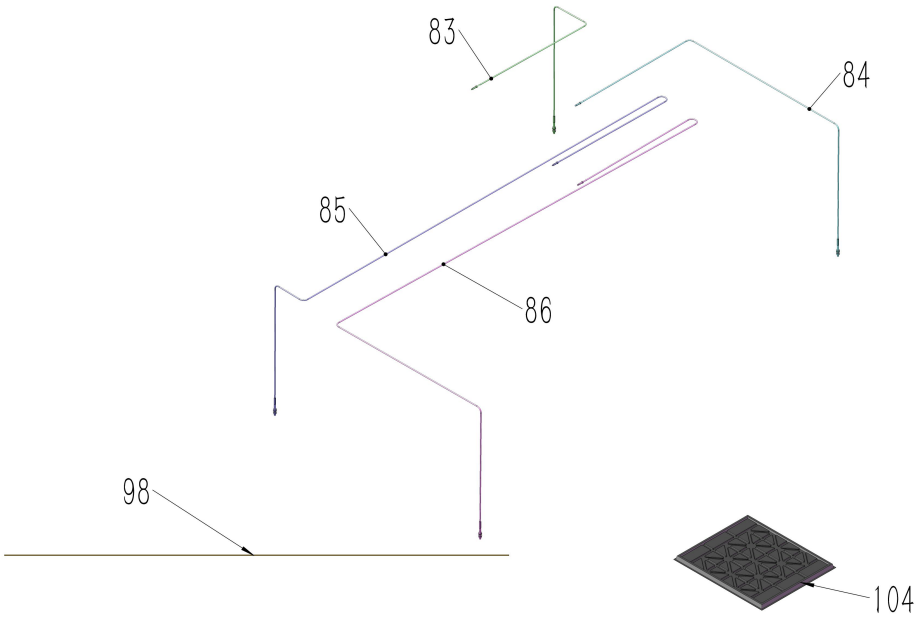


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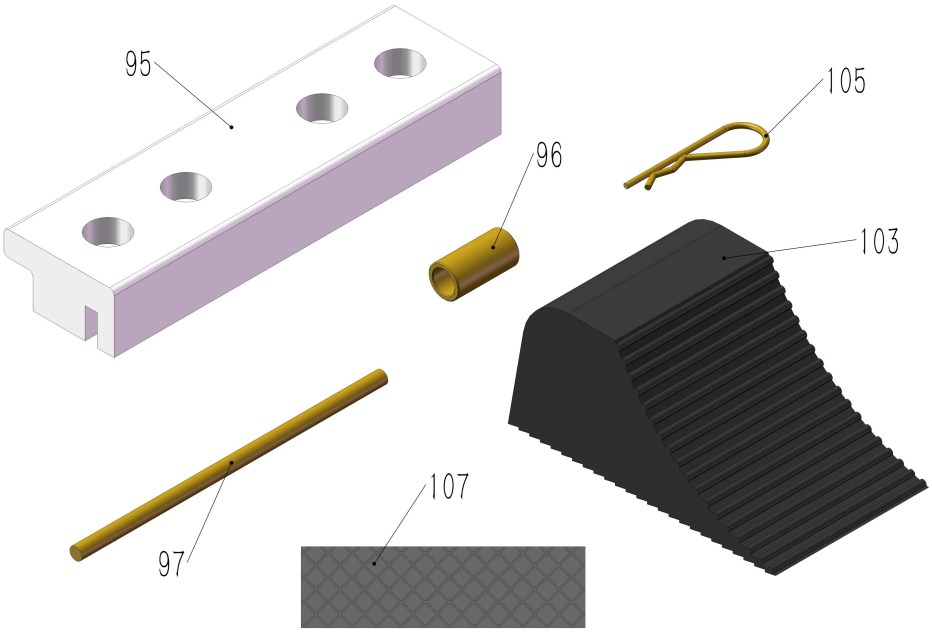


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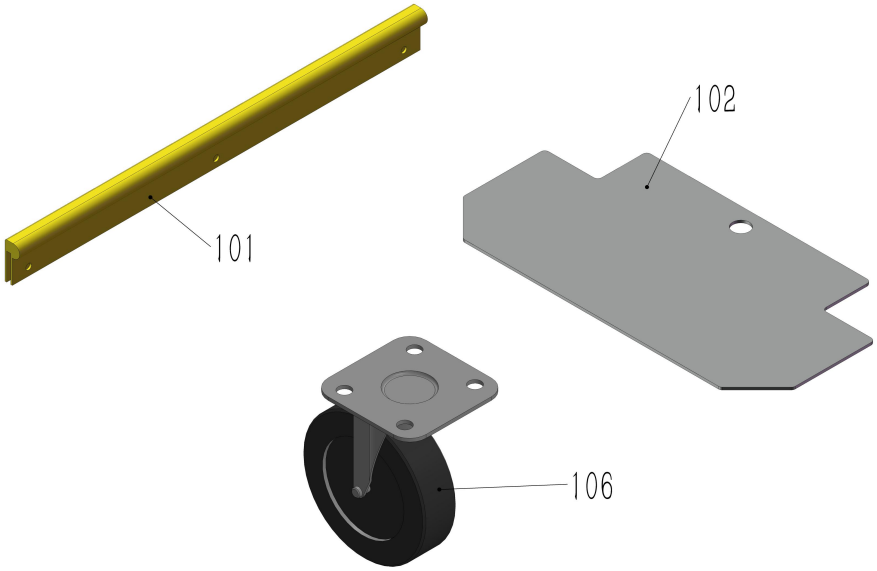


Exploded component drawings

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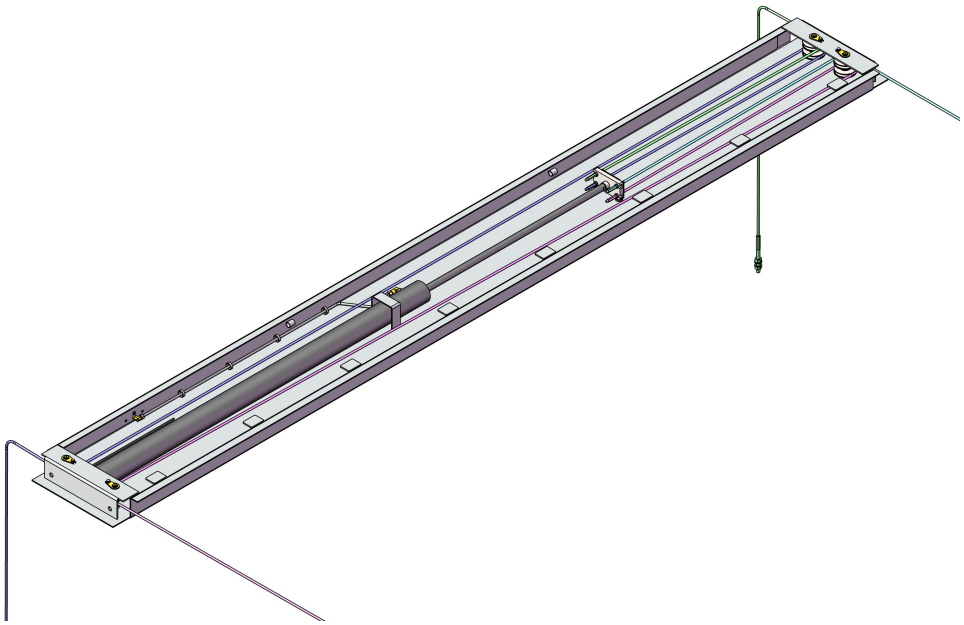


101-102-106

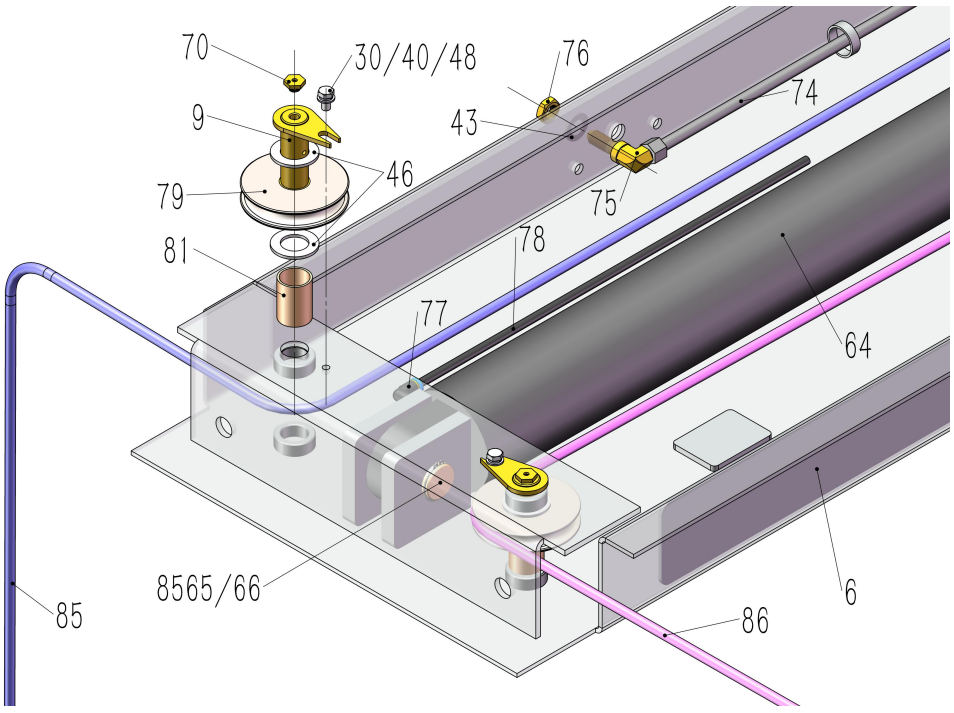


Runway and cable assembly

ZPT-1

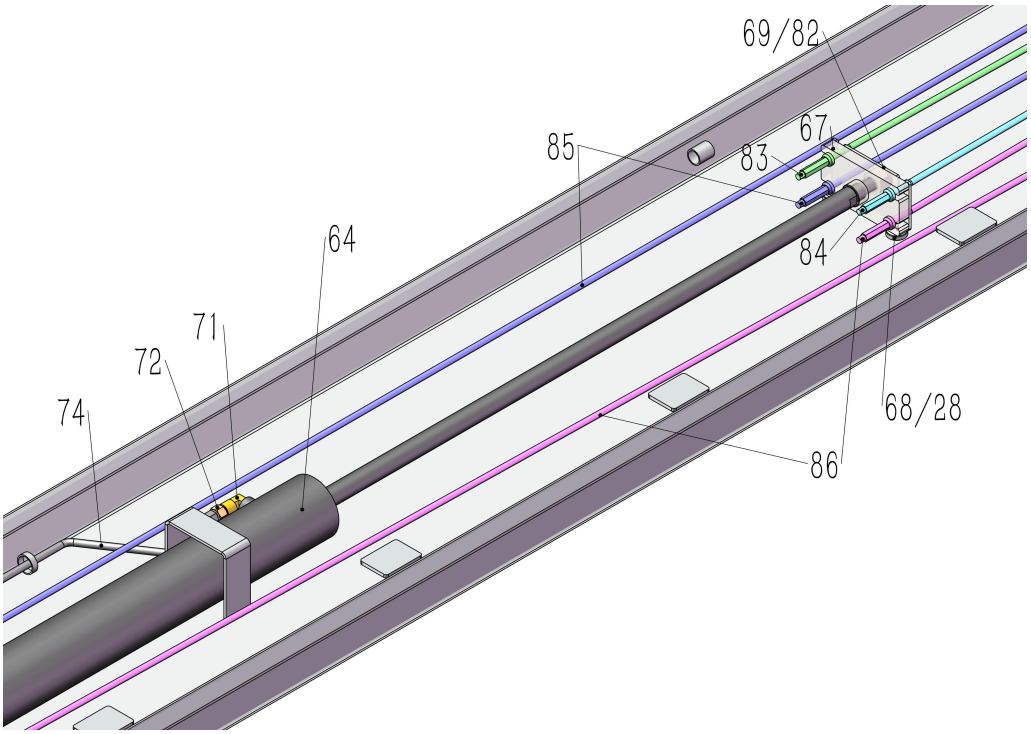


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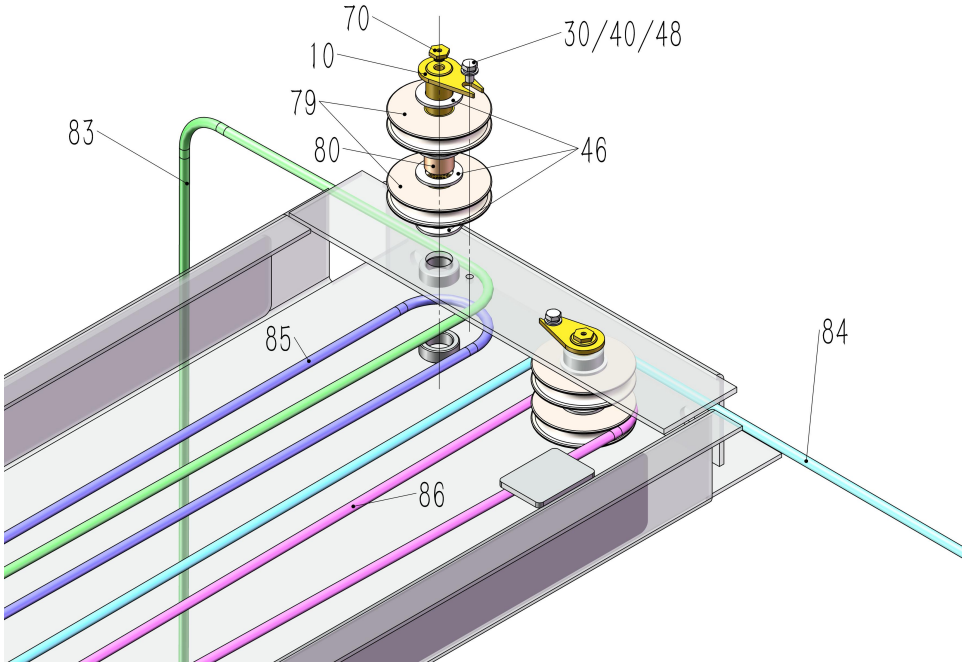


Runway and cable assembly

ZPT-1-2

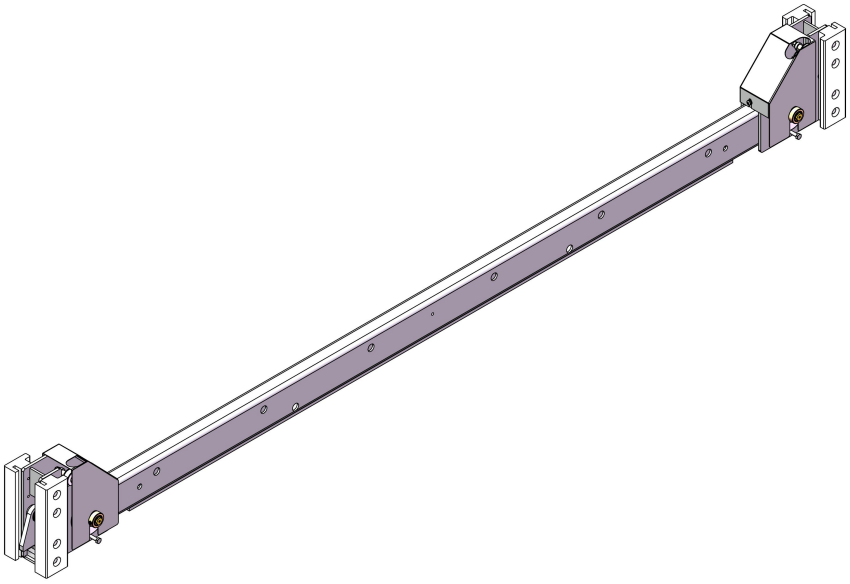


ZPT-1-3

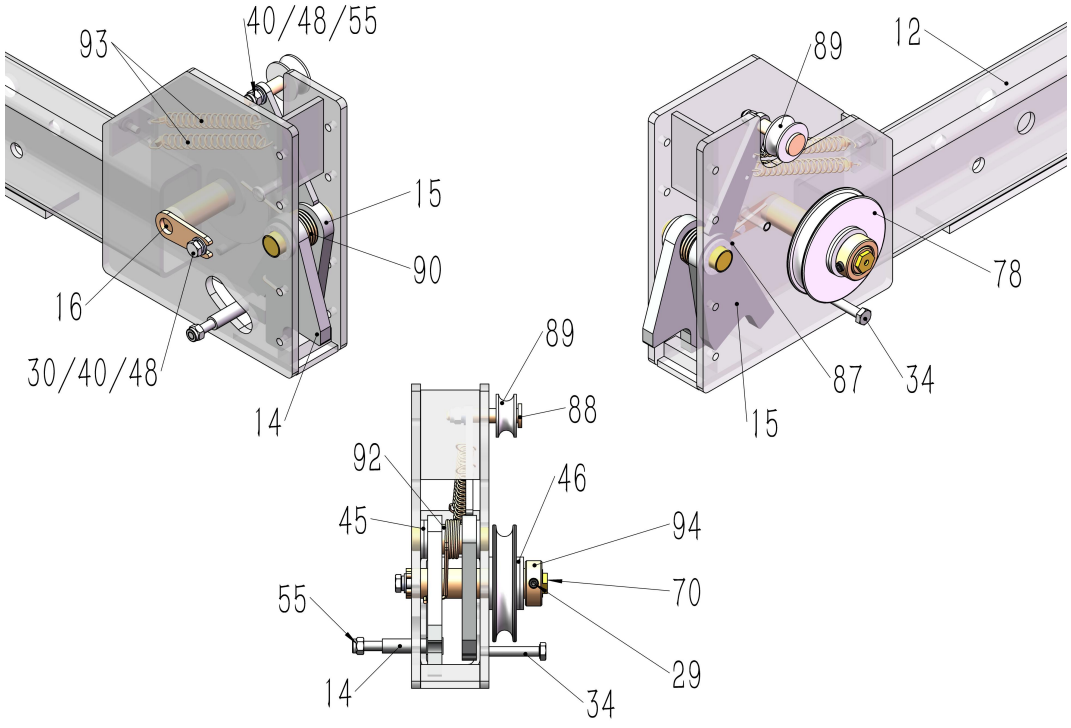


Runway and cable assembly

ZPT-2

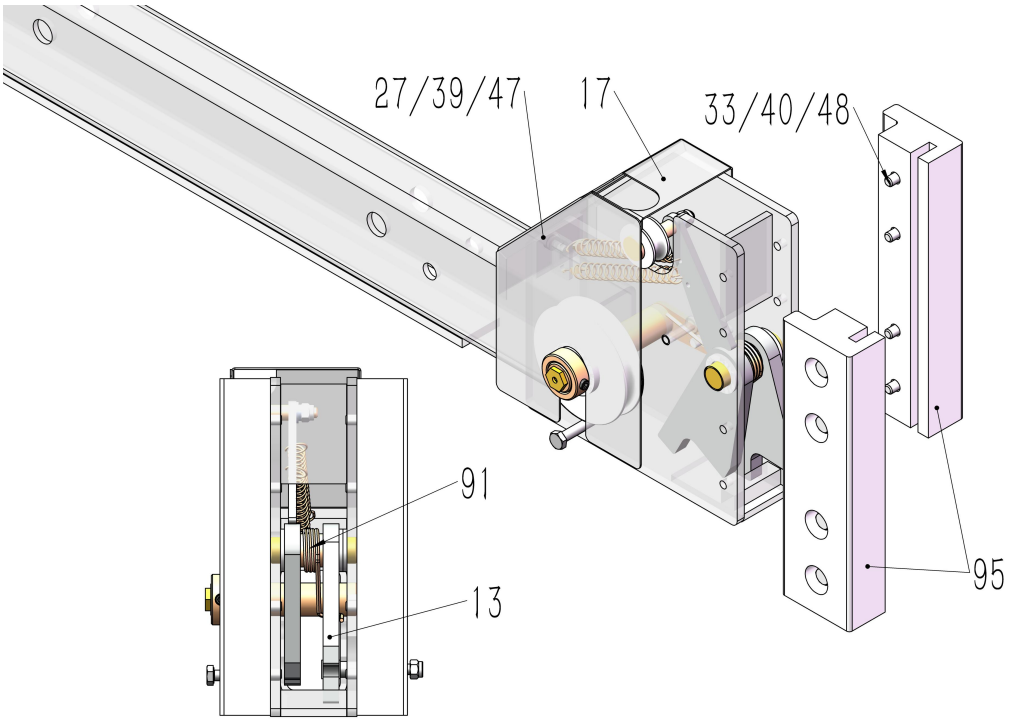


ZPT-2-1



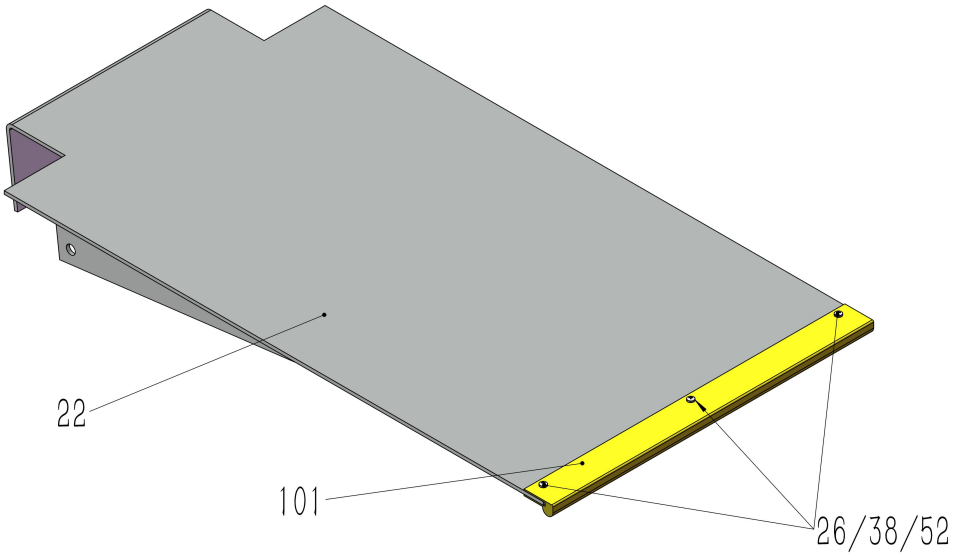
Runway and cable assembly

ZPT-2-2

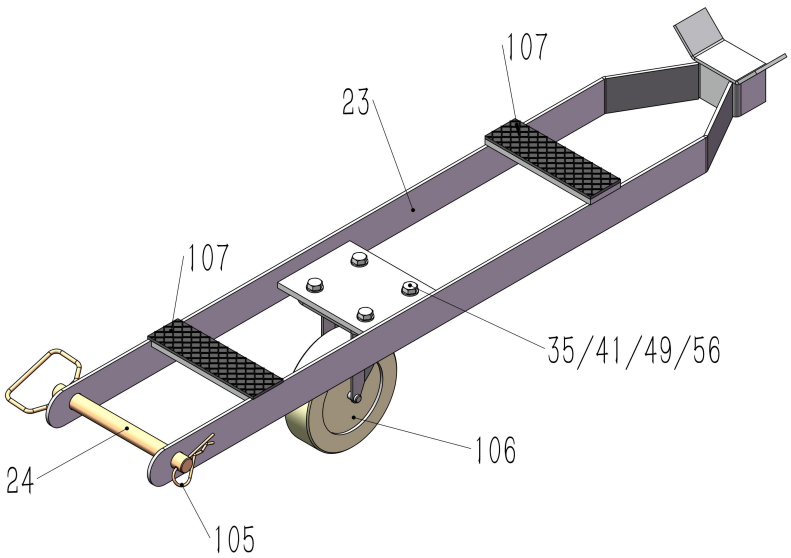


Runway and cable assembly

ZPT-3

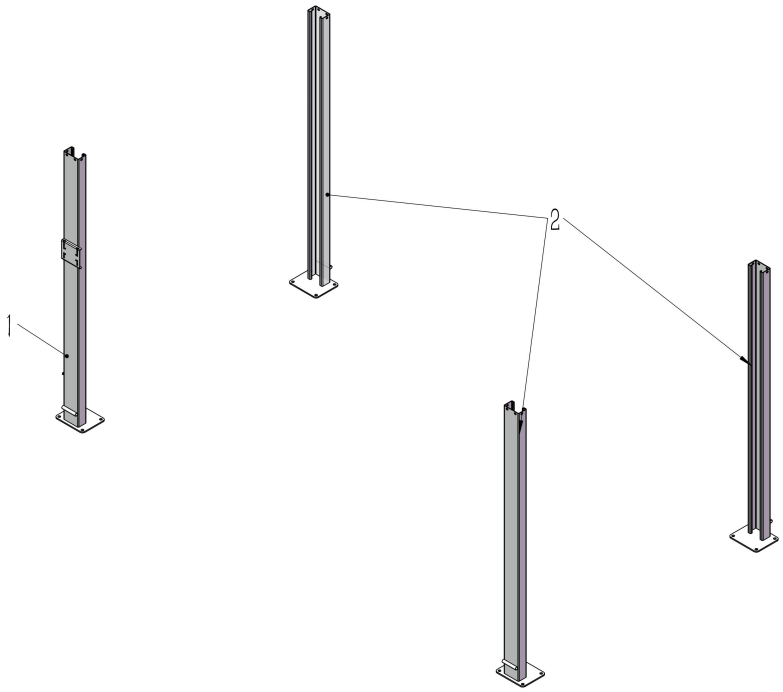


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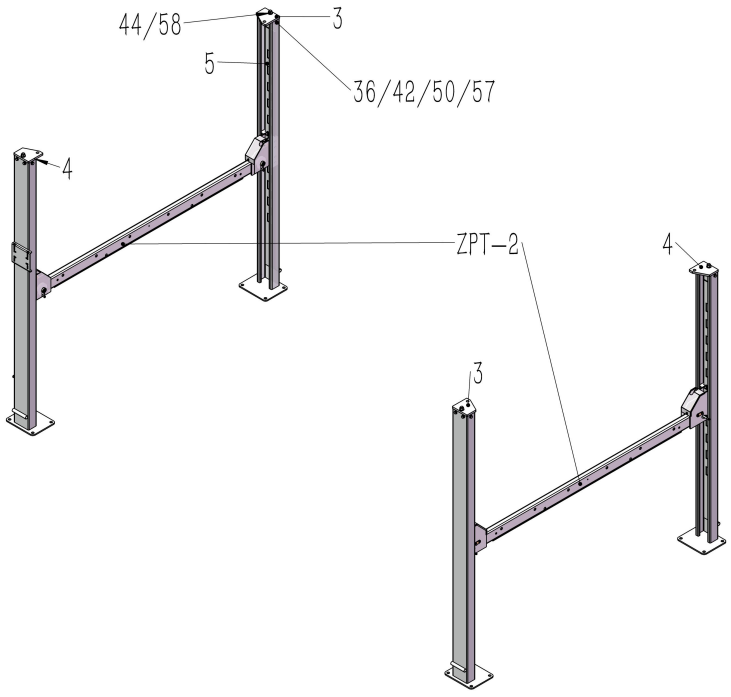


Assembly installation drawings

Z-1

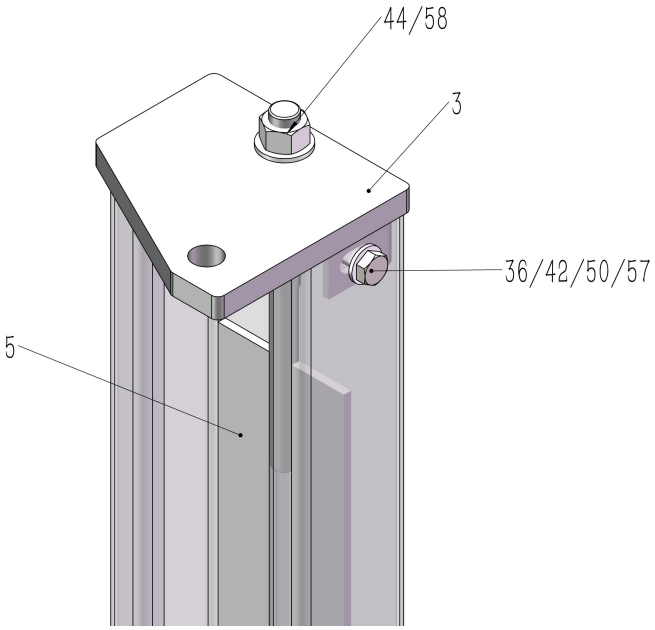


Z-2

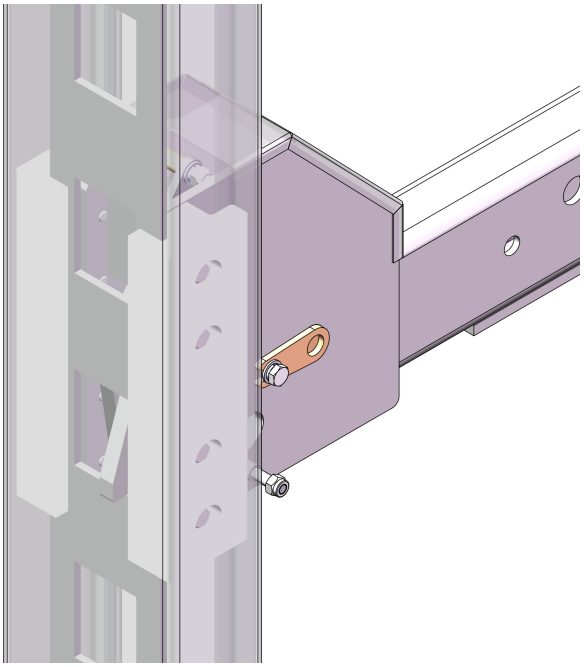


Assembly installation drawings

Z-2-1

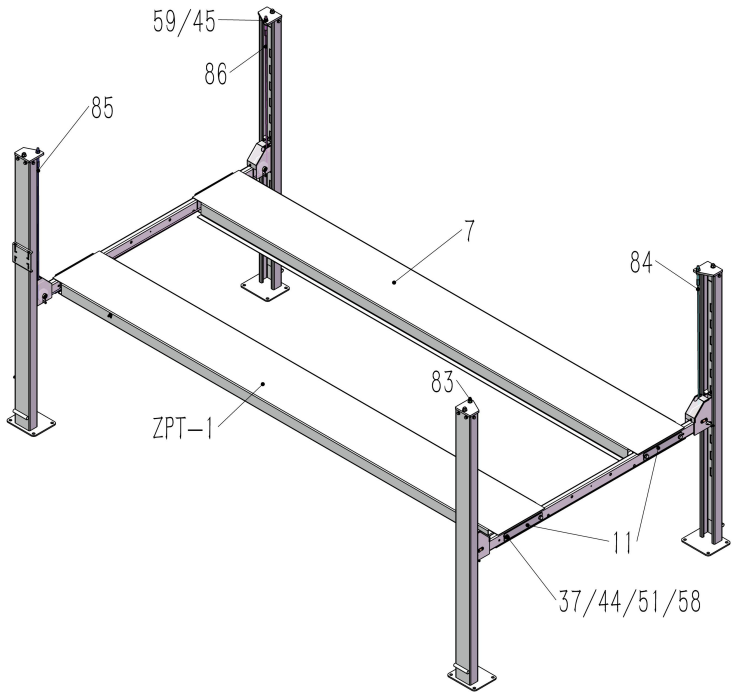


Z-2-2

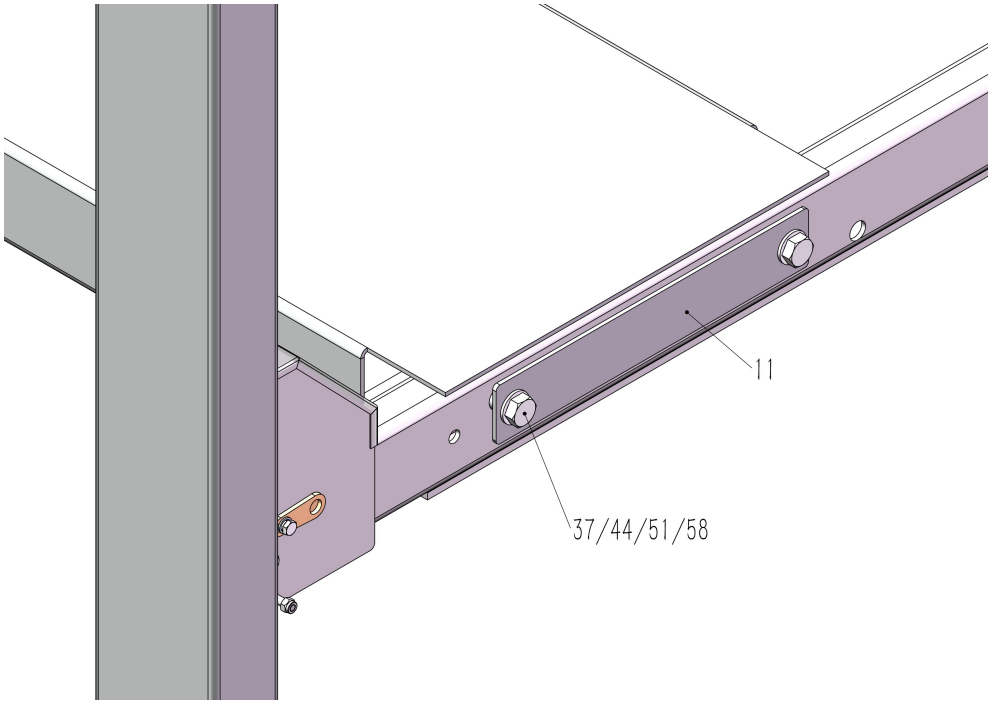


Assembly installation drawings

Z-3

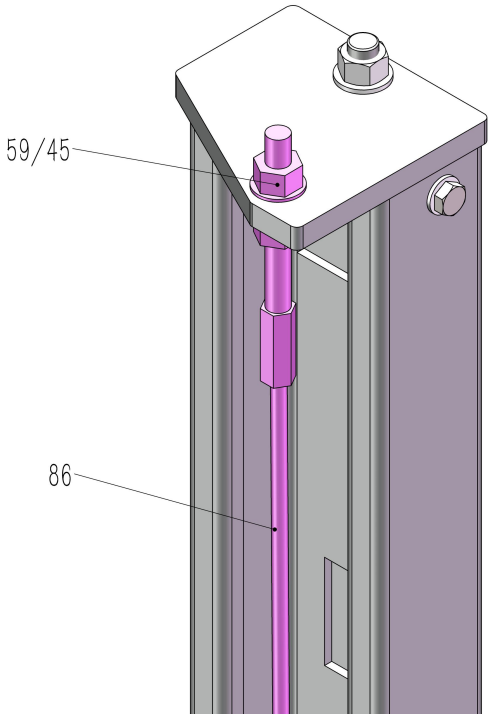


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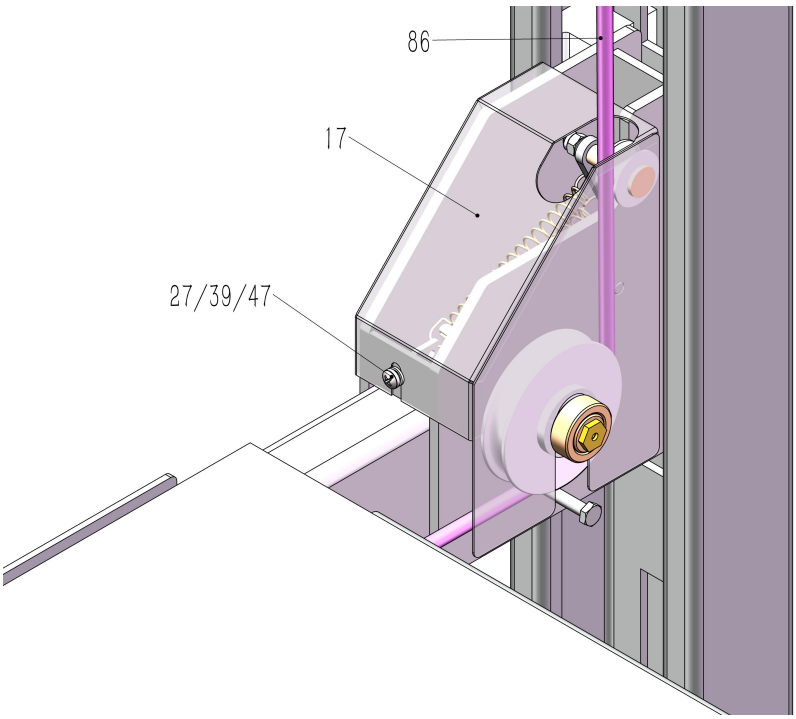


Assembly installation drawings

Z-3-2

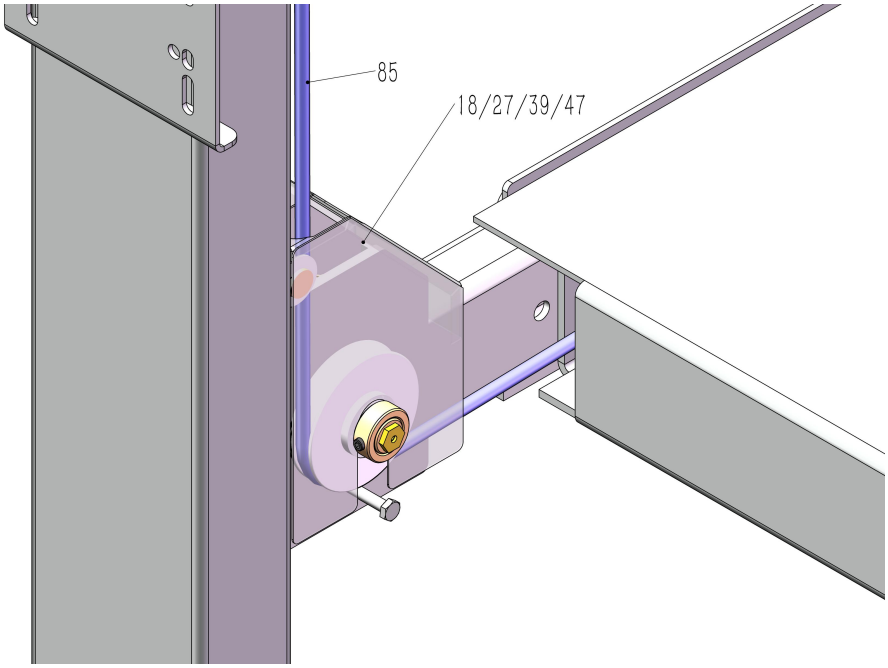


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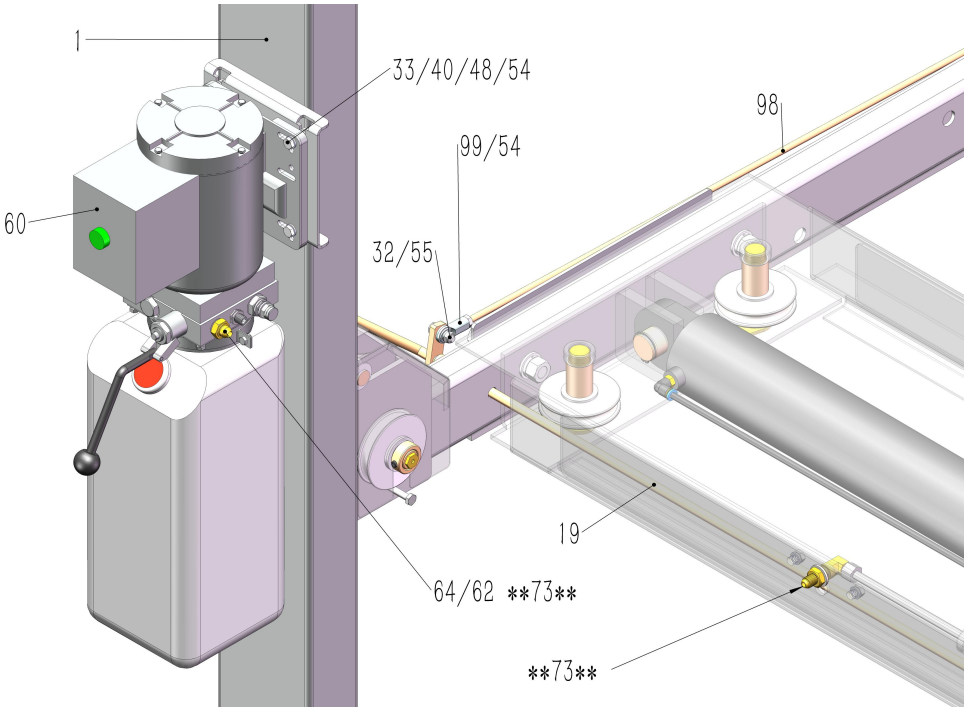


Assembly installation drawings

Z-3-4

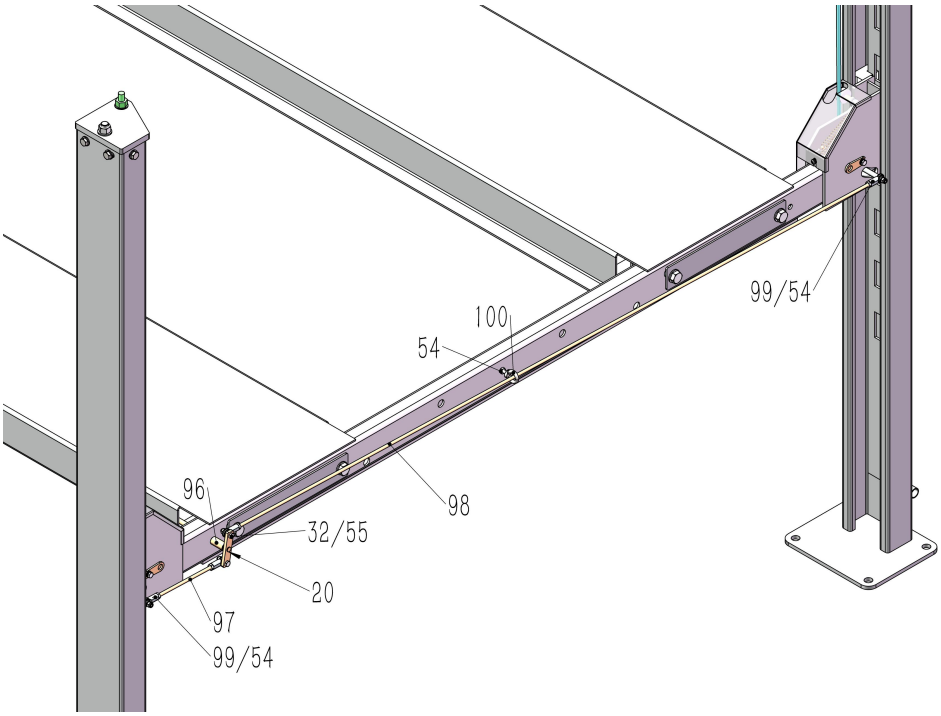


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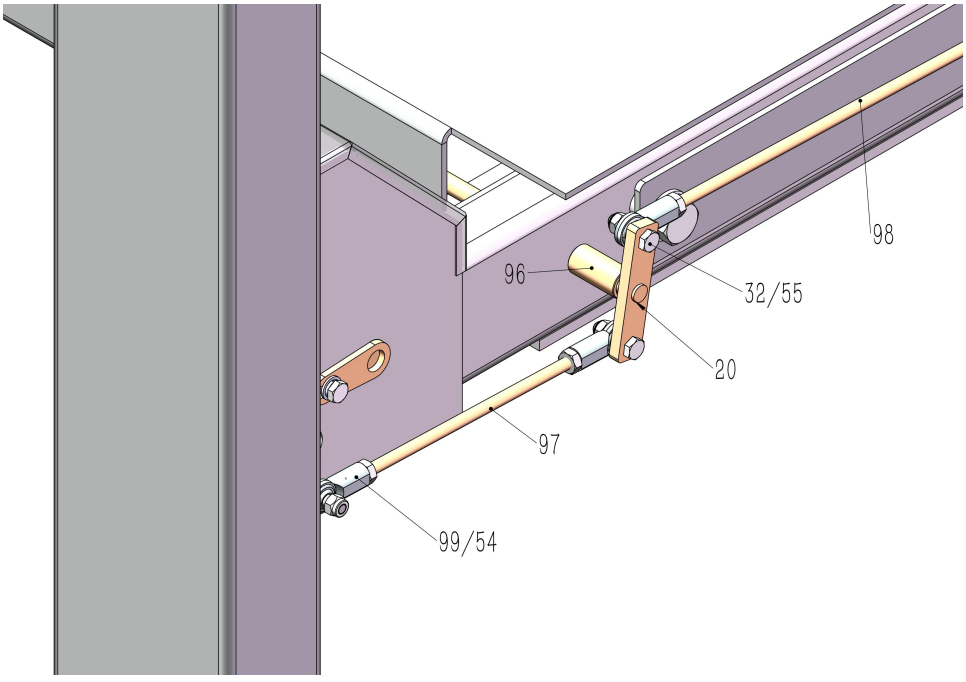


Assembly installation drawings

Z-5

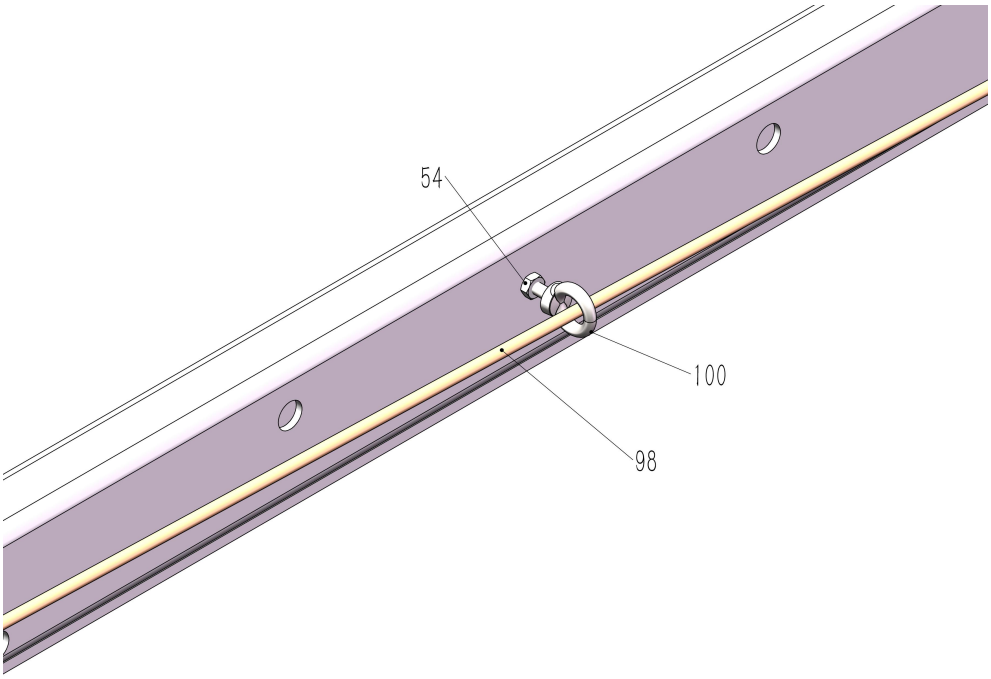


Z-5-1

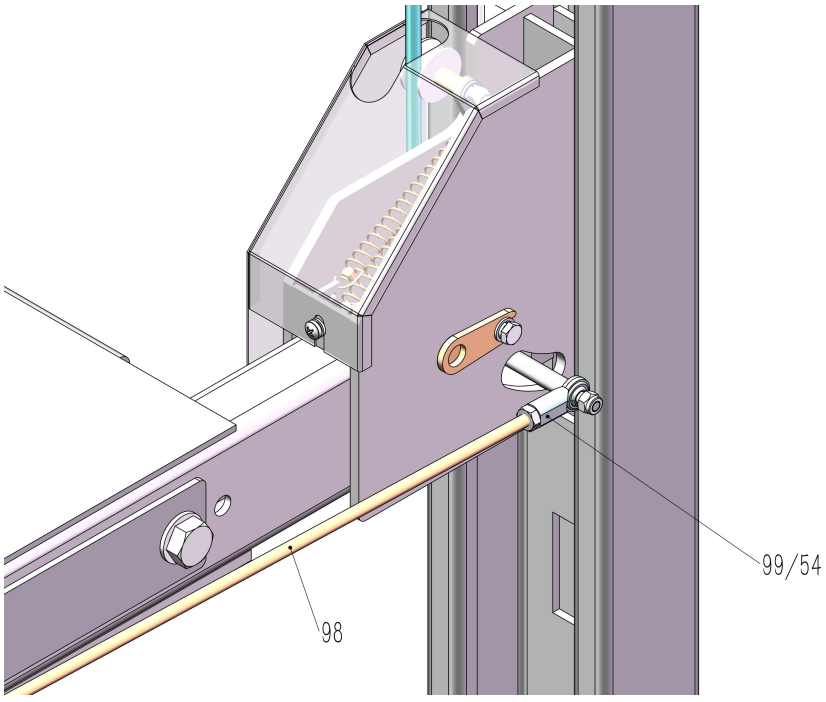


Assembly installation drawings

Z-5-2

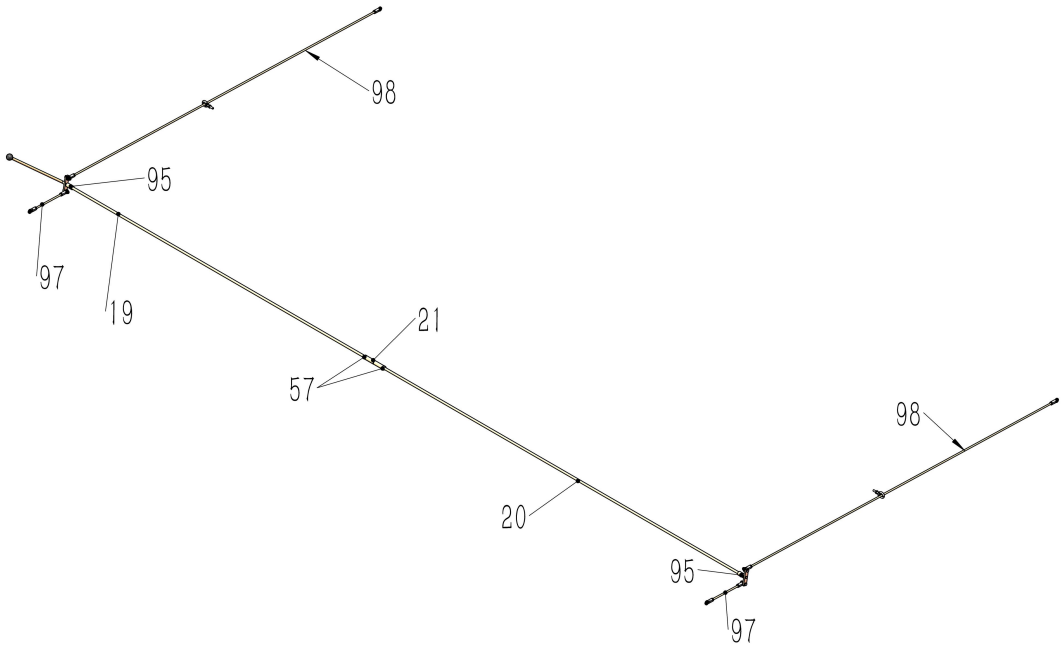


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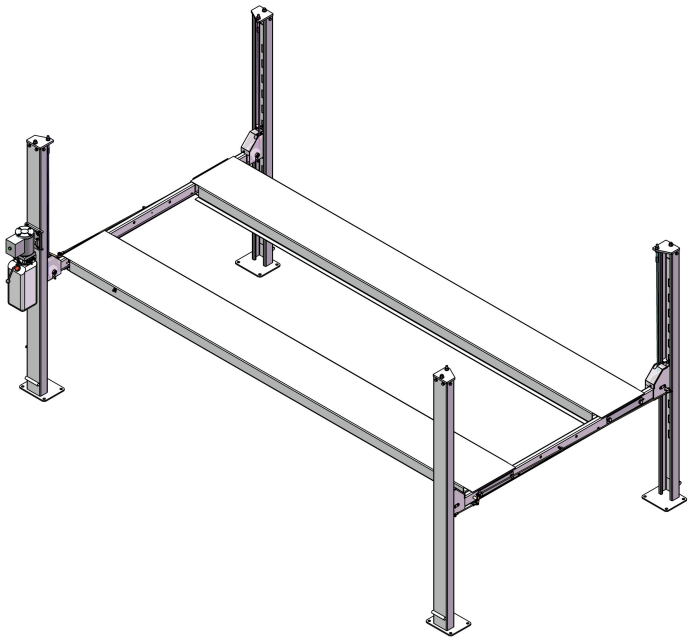


Assembly installation drawings

Z-5-4

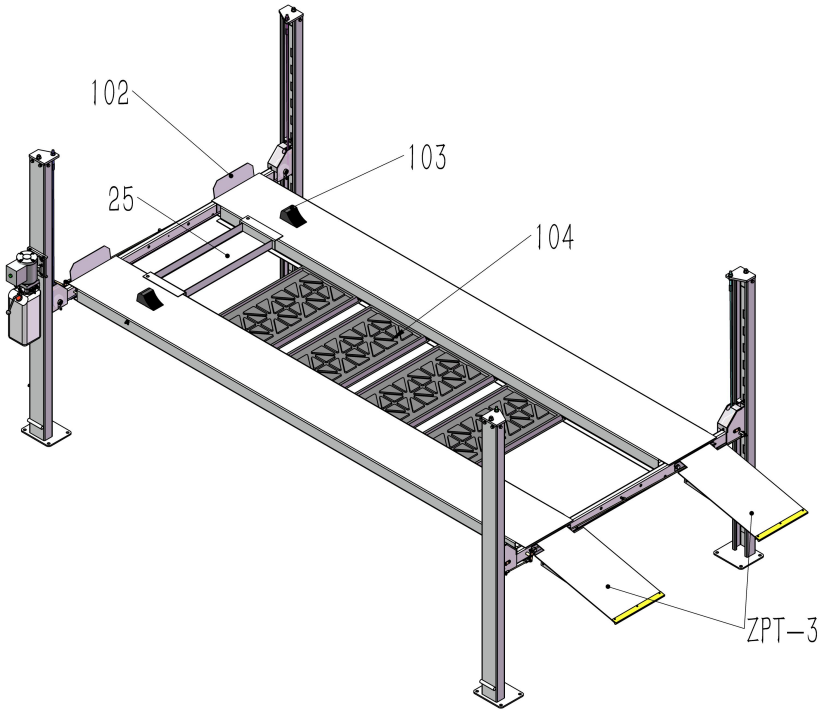


Z-5-5

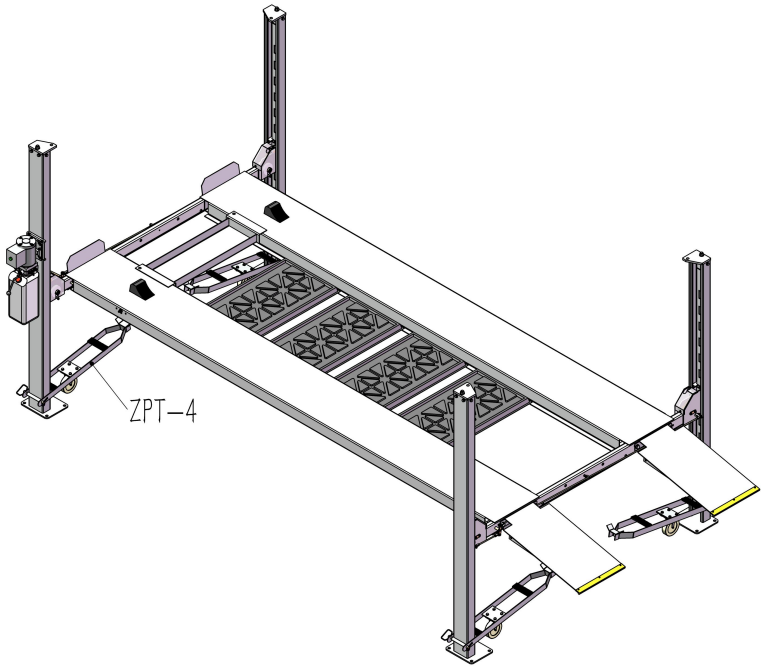


Assembly installation drawings

Z-6

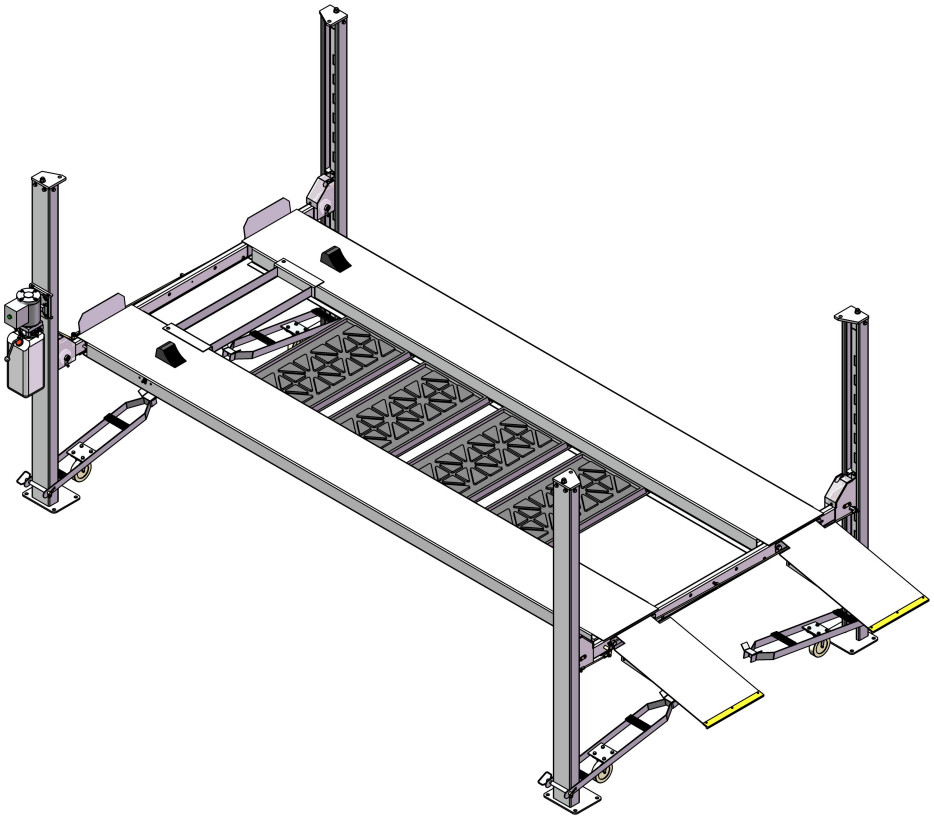


Z-7



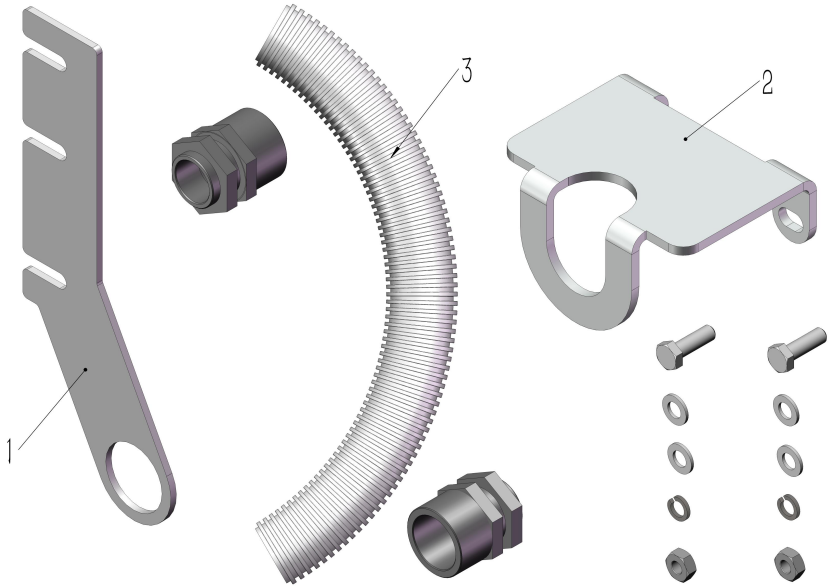
Assembly installation drawings

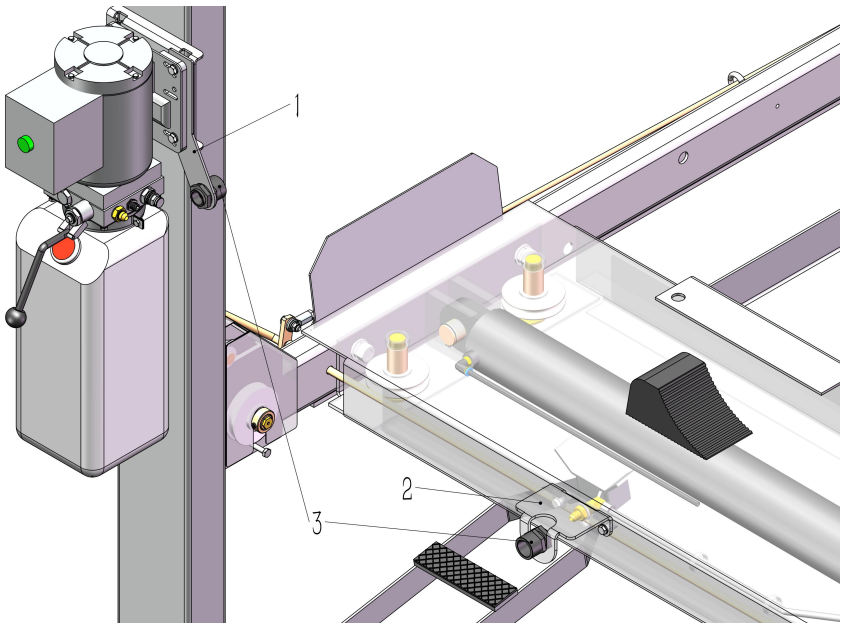
Z-8



Protective hose sleeve

- Install the column mounting plate with the power unit.
- Install the runway mounting plate using two M8 x 25 bolts, four flat washers, two spring washers, and two nuts.
- Fit the two sleeve connectors. Use the illustrations below to identify the brackets and follow the hose routing.





Parts list

No.	Serial number	Product name	Quantity/machine
Four-column lift - Manual version			
Welding part			
1		Main columns	1
2		Subsidiary columns	3
3		Left column ’s cup	2
4		Right column ’s cup	2
5		Safety lock ladder	4
6		Main platform	1
7		Subsidiary Platform	3
8			
9		Main platform A pulley an shaft- single hole	2
10		Main platform B pulley an shaft- double hole	2
11		Hook	8
12		Beam	2
13		Left safety hook	2
14		Right safety hook	2
15		Stop falling safety hook	4
16		Beam pulley and shaft assembly	4
17		Left beam protector	2
18		Right beam protector	2
19		safety handle	1
20		Bumper bar	1
21		Bummer connector	1
22		Up ramp	4
23		Caster Kit	4
24		Caster kit pin	4
25		Tool box	2
Standard parts			

Parts list

26		M5X15 Round head bolt	6
27		M6×15 Round head bolt	4
28		M6×15 Flat head screw	2
29		M8×10 Set bolt	4
30		M8×15 Hexagon Bolt	12
31		M8X20 flat head screw	1
32		M8X30 Hexagon Bolt	4
33		M8×35 Hexagon Bolt	36
34		M8×50 Hexagon Bolt	4
35		M10×30 Hexagon Bolt	16
36		M12×30 Hexagon Bolt	16
37		M18×100 Hexagon Bolt	16
38		φ5 Flat gasket	6
39		φ6 Flat gasket	6
40		φ8 Flat gasket	56
41		φ10 Flat gasket	32
42		φ12 Flat gasket	32
43		φ14 Flat gasket	1
44		φ18 Flat gasket	48
45		φ20 Flat gasket	20
46		φ25 Flat gasket	24
47		φ6 Spring washer	6
48		φ8 Spring washer	52
49		φ10 Spring washer	16
50		φ12 Spring washer	16
51		φ18 Spring washer	16
52		M5 Nut	6
53		M6 Nut	2
54		M8 Nut	14
55		M8 Self-lock nut	16
56		M10 Nut	16
57		M12 Nut	18
58		M18 Nut	32

Parts list

59		M20 Nut	8
Column assembly part			
	1	Main column assembly	1
	2	Sub. column assembly	3
60		Power unit	1
61		9/16 Point power unit connector	1
62		₵ 14 Copper gasket	1
	33	M8×35 Hexagon Bolt	4
	40	φ8 Flat gasket	8
	48	φ8 Spring washer	4
	54	M8 Nut	4
	3	Left top cover	2
	4	Right top cover	2
	36	M12×30 Hexagon Bolt	16
	42	φ12 Flat gasket	32
	50	φ12 Spring washer	16
	57	M12 Nut	16
	5	Lock ladder	4
	44	φ18 Flat gasket	16
	58	M18 Nut	16
63		Foot pedal support（optional）	1
Platform assembly part			
	6	Main platform	1
	7	Sub platform	3
64		Cylinder	1
65		Cylinder shaft	1
66		φ35 Snap spring	2
67		Cylinder pull plate	1
68		Cylinder slider	2
	28	M6×15 Flat head screw	2
69		Cylinder self-lock nut	1

Parts list

70		M10 Nipple	4
71		90 degrees ZG3/8 internal and external joints	1
72		9/16 point connector	1
73		Double head 9/16 point oil pipe	1
74		Double straight 9/16 tip tubing	1
75		Right Angle elbow 9/16 point	1
	43	φ14 Flat gasket	1
76		External joint nut	1
77		1/4 return tubing direct head	1
78		Air pipe	1
79		Pulley	6
	46	φ25 Flat gasket	12
80		1 inch galvanized pipe×18	2
81		1 inch galvanized pipe×44	2
	9	Main platform A pin-single hole	2
	10	Main platform B pin-double hole	2
	70	M10 Nipple	4
82		Main platform cables locking plate	1
83		Ⓒ 9. 53，L1=2625	1
84		Ⓒ 9. 53，L2=4060	1
85		Ⓒ 9. 53，L3=6695	1
86		Ⓒ 9. 53，L4=8130	1
	59	M20 Nut	8
	45	φ20 Flat gasket	8
	11	Hook	8
	37	M18×100 Hexagon Bolt	16
	44	φ18 Flat gasket	32
	51	φ18 Spring washer	16
	58	M18 Nut	16
Crossbeam assembly part			
	12	Cross beams	2
	13	Left manual bumper	2

Parts list

	14	Right-handed bumper	2
	55	M8 self-lock Nut	4
87		Beam safety pin	4
	45	φ20 Flat gasket	12
	15	Stop Insurance Hook	4
88		Stop Insurance Hook Limit Wheel Pin	4
89		Stop Insurance Hook Limit Wheel	4
	40	φ8 Flat gasket	4
	48	φ8 Spring washer	4
	55	M8 Self-lock Nut	4
90		torsion spring - left	2
91		torsion spring - right	2
92		6 galvanized pipe×17	4
93		Pull spring（₵1.6×₵12 ×72）	8
	16	Beam pulley pin	4
	30	M8×15 Hexagon Bolt	4
	40	φ8 Flat gasket	4
	48	φ8 Spring washer	4
	46	φ25 Flat gasket	12
	78	Pulley	4
94		Beam pulley spacer	4
	29	M8×10 Set bolt	4
	70	M10 Nipple	4
	34	M8×50 Hexagon Bolt	4
95		Beam slider	8
	33	M8×35 Hexagon Bolt	32
	40	φ8 Flat gasket	32
	48	φ8 Spring washer	32
	17	Left protector	2
	18	Right protector	2
	27	M6×15 Round head bolt	4
	39	φ6 Flat gasket	4
	47	φ6 Spring washer	4

Parts list

		Assembly part	
	19	Safety handle	1
	20	bumper	1
	21	bumper connector	1
	57	M12 Nut	2
96		Bumper sleeve	2
97		Beam release bar A-220	2
98		Beam release bar B-2160	2
99		M8 Fisheye bearing	8
100		M8 Ring bolt	4
	32	M8X30 Hexagon Bolt	4
	54	M8 Nut	10
	55	M8 Self-lock Nut	8
	22	Up ramp	4
101		Nylon slider	4
	26	M5X15 Round head bolt	6
	38	φ5 Flat gasket	6
	52	M5 Nut	6
102		Stop plate	4
103		Rubber brake pads	2
	25	Tool box	1
104		Plastic oil pan	4
	23	Caster kit	4
	24	Caster kit pin	4
105		R type pin	4
106		φ150 Caster wheel	4
	35	M10×30 Hexagon Bolt	16
	41	φ10 Flat gasket	32
	49	φ10 Spring washer	16
	56	M10 Nut	16
107		Rubber mat	8

Hydraulic and electrical systems

Power-unit exploded view

Use the exploded view on page 38 to identify the hydraulic power unit components.

Hydraulic circuit

Page 39 shows the hydraulic schematic and component list. Page 40 describes how the hydraulic system operates.

Electrical circuit

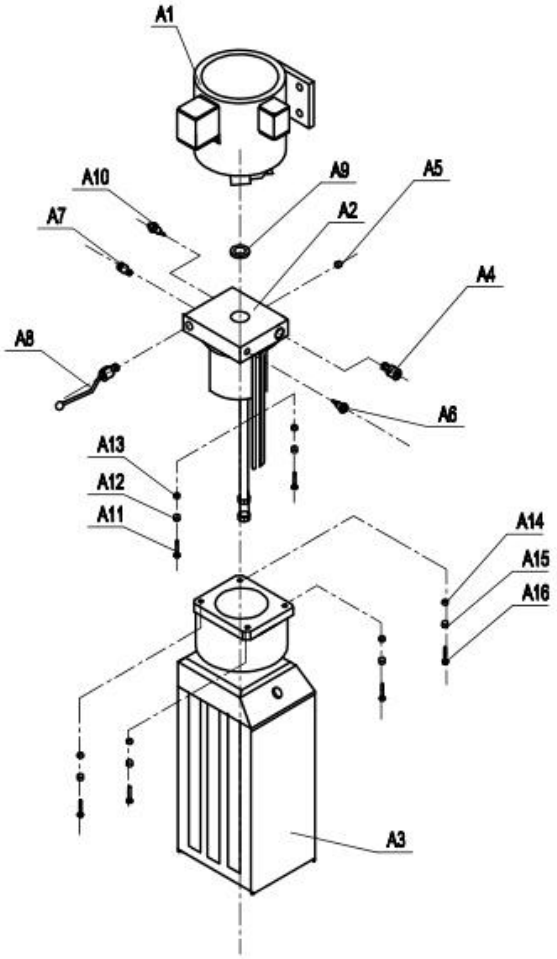
The electrical reference on page 41 applies to the 110V, single-phase power unit. The motor is rated at 1 HP and is supplied with a prewired three-prong plug.

Operating controls

The raise control operates the hydraulic power unit. The safety-release linkage disengages the mechanical locks after the lift has been raised slightly to remove the load from the locks. Lower the runways using the lowering control.

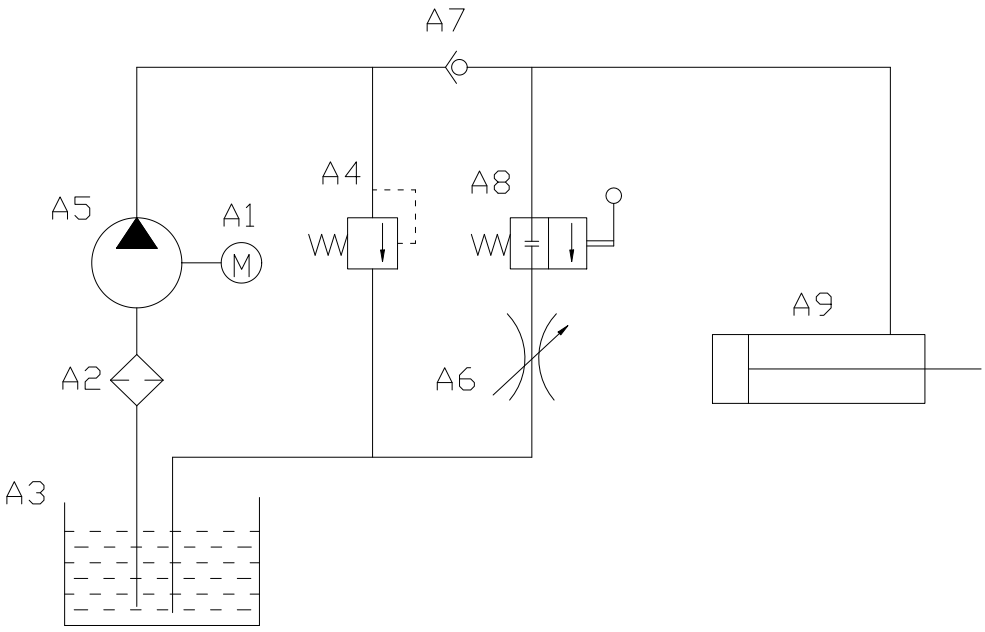
> **QUALIFIED SERVICE ONLY**
>
> Unplug the power unit before inspecting or servicing electrical components. Electrical repairs must be performed by a qualified electrician. Do not modify the prewired plug or bypass the grounding connection.

Power-unit components



number	Name of name	Quantity	Number	Name of name	Quantity
A1	Motor	1	A9	Sealing gasket	1
A2	Valve core	1	A10	Stuffy	1
A3	Fuel tank	1	A11	M5X40 Hexagon Screw	4
A4	Drop Speed Control Valve	1	A12	Φ5 flat washer	4
A5	Stuffy	1	A13	Φ5 spring washer	4
A6	Oil outlet	1	A14	M6X20 Hexagon Screw	4
A7	Oil outlet	1	A15	Φ6 flat washer	4
A8	Hand wrench valve	1	A16	Φ6 spring washer	4

Hydraulic schematic



b. Hydraulic Components

Number	Name of name	Model	Specifications	Number of cases	Remarks
A9	Oil tank			1	
A8	Handle valve			1	
A7	One-way valve			1	
A6	Down throttle			1	
A5	Oil pump			1	
A4	Relief valve			1	
A3	Fuel tank			1	10L
A2	Filter			1	
A1	Motor			1	

Hydraulic system operation

Raising the lift

Press and hold the raise control to start the motor. The motor drives the hydraulic pump, which draws oil from the reservoir and sends pressurized oil to the cylinder. The cylinder moves the lifting cables and raises the runways. Release the control to stop the motor and oil flow.

Pressure protection

The pressure-relief valve is preset at the factory for the rated lifting capacity. If system pressure exceeds the preset limit, the valve opens to relieve excess pressure.

Lowering the lift

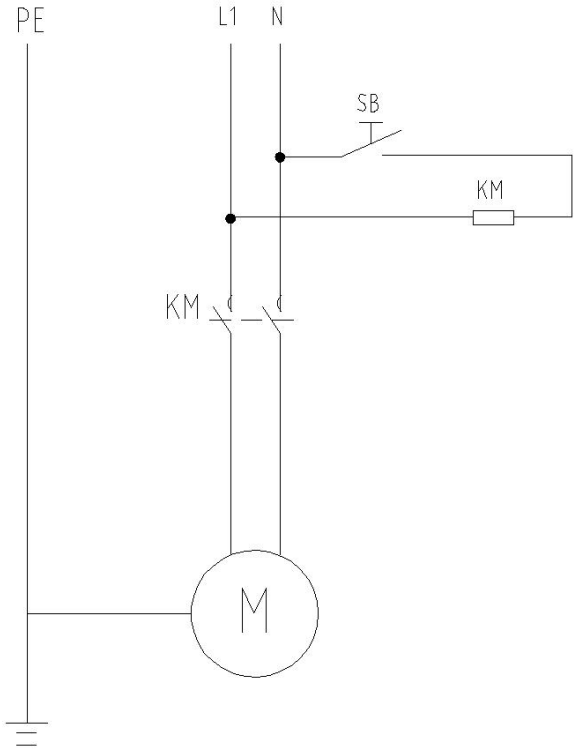
Raise the runways slightly to remove the load from the mechanical safety locks. Disengage the locks, then operate the manual lowering valve. The valve releases hydraulic pressure and allows the runways to lower.

> **WARNING - RELEASE THE LOCKS BEFORE LOWERING**
>
> Never attempt to lower the lift while the safety locks are supporting the load. Raise the runways slightly before operating the safety release, and keep people and objects clear during lowering.

Electrical schematic

110V SINGLE-PHASE POWER UNIT

The motor is rated at 1 HP and is supplied prewired with a three-prong grounded plug. Connect it to a properly grounded 110V receptacle. Unplug the unit before service. Do not remove the grounding prong or alter the plug.



CODE	COMPONENT	MODEL	QTY
SB	Momentary pushbutton	LXW5-11M/L	1
KM	AC contactor	CJX1-6.3/01-110V	1

The circuit symbols identify the pushbutton, contactor, motor, and protective ground. Electrical service must be performed by a qualified electrician.

Troubleshooting

SYMPTOM	WHAT TO CHECK
Motor will not run	Check that the three-prong plug is fully inserted and that the receptacle has power. If the problem continues, unplug the unit and have a qualified electrician inspect the motor connections.
Motor runs, but no hydraulic pressure develops	Inspect the reservoir suction pipe for a loose or disconnected connection. If the problem continues, have a qualified technician inspect the pump and motor. Do not alter the prewired motor connections.
Hydraulic pressure slowly drops after lifting	Inspect and clean the power-unit check valve and directional valve as required. Support the lift safely and isolate it before service.
Safety locks will not engage	Check safety-hook position, column alignment, and the return-spring action. Do not use the lift until all locks engage correctly.
Motor or electrical component failure	Disconnect the power supply promptly. Have a qualified electrician inspect, repair, or replace the affected components.
Other abnormal operation	Stop using the lift and contact Quick Lift USA for troubleshooting assistance.

STOP IF A SAFETY SYSTEM FAILS

Do not continue operating a lift with defective locks, damaged cables, electrical faults, or uncontrolled movement.

Packing list

No.	Product name	Qty
33	M8×35 Hexagon Bolt	4
40	φ8 Flat gasket	8
48	φ8 Spring washer	4
54	M8 Nut	4
36	M12×30 Hexagon Bolt	16
42	φ12 Flat gasket	32
50	φ12 Spring washer	16
57	M12 Nut	16
61	9/16 point joint	1
62	¢ 14 Copper gasket	1
73	9/16 point oil tube	1
37	M18×100 Hexagon Bolt	16
44	φ18 Flat gasket	32
51	φ18 Spring washer	16
58	M18 Nut	16
103	Rubber brake pad	2
70	M10 Nipple	9
97	Beam safety release barA-220	2

Wear parts

No.	Product name	Qty
68	Cylinder slider	2
79	Pulley	6
83	Ø9.53，L1=2625	1
84	Ø9.53，L2=4060	1
85	Ø9.53，L3=6695	1
86	Ø9.53，L4=8130	1
95	Beam Slider	8
101	Nylon slip strip	4
103	Rubber brake pads	2
104	Plastic drip tray	4
106	φ150 caster kit wheel	4
107	Rubber mat	8