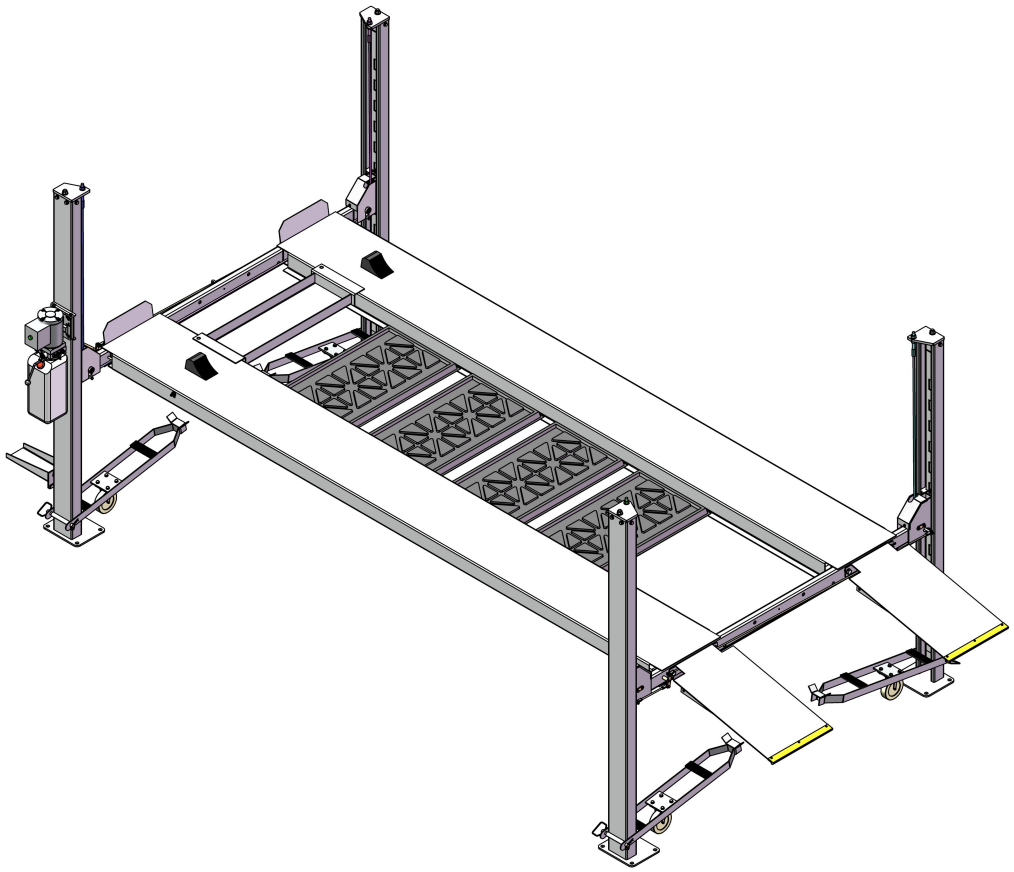
QUICKLIFT USA

QL4P9KXL-LUXE

INSTALLATION & OWNER MANUAL

Four-post vehicle lift | 9,000 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 9,000 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 QL4P9KXL-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	QL4P9KXL-LUXE
Rated lifting capacity	9,000 lb
Maximum lifting height	86 5/8 in.
Lifting time	70 seconds
Clearance beneath lift on top lock	81 in.
Minimum runway height	5 1/8 in.
Overall height	97 1/2 in.
Overall width, without power unit	106 3/4 in.
Overall width, including power unit	117 3/4 in.
Length with approach ramps	226 3/4 in.
Length without approach ramps	194 1/2 in.
Width between columns beneath lift	98 1/16 in.
Drive-through clearance on lift	85 1/16 in.
Runway length / width	185 in. / 20 in.
Clear spacing between runways	38 in.
Motor / supply	1 HP / 110V single-phase
Power connection	Prewired grounded three-prong plug
Mechanical safety system	Four locking points / 11 lock positions
Lifting cables	3/8 in. diameter
Gross shipping weight	1,951 lb
Shipping package, L x W x H	189 x 22 7/16 x 28 9/16 in.
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 tool 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.

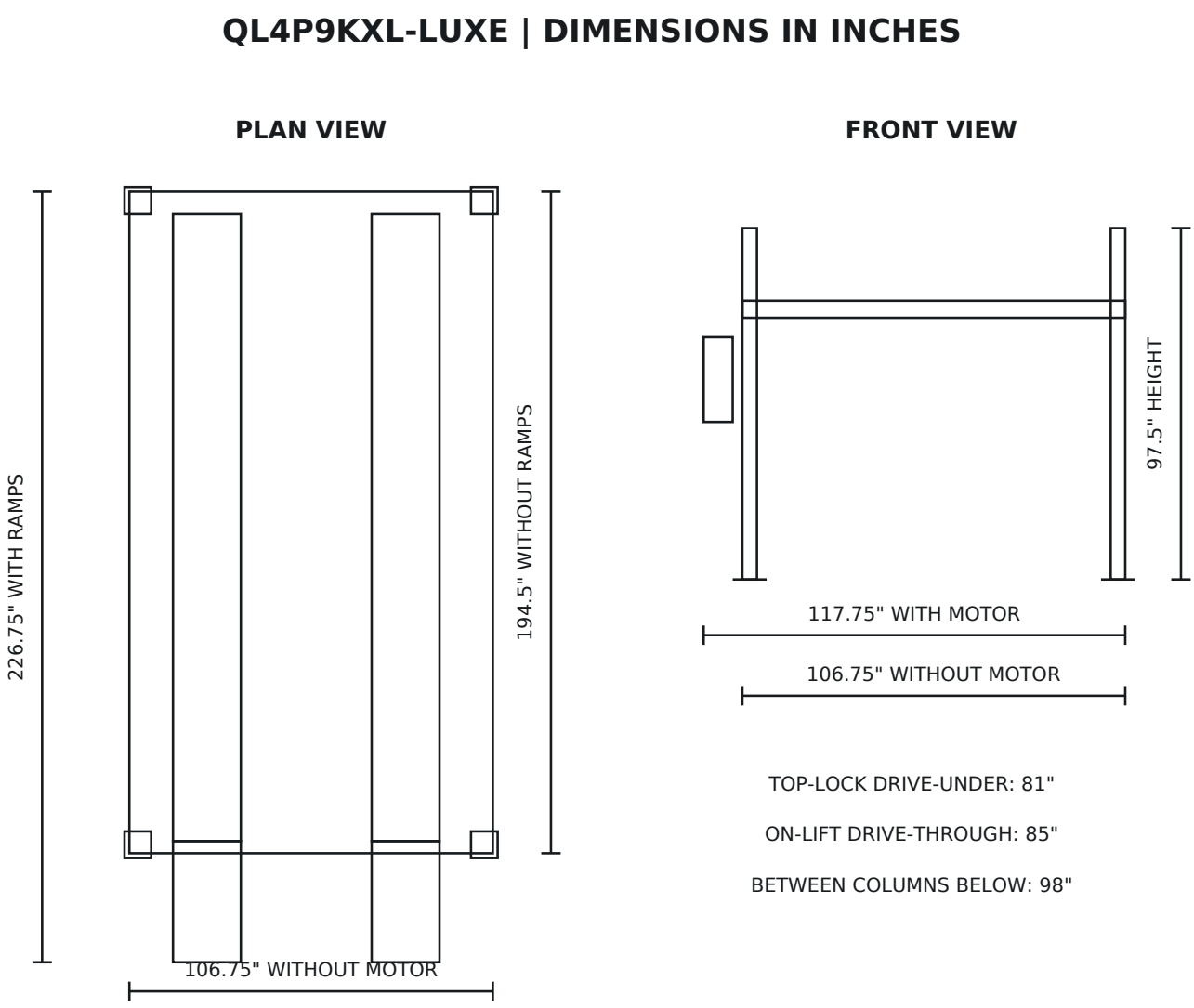
Annual / periodic lubrication

- 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.

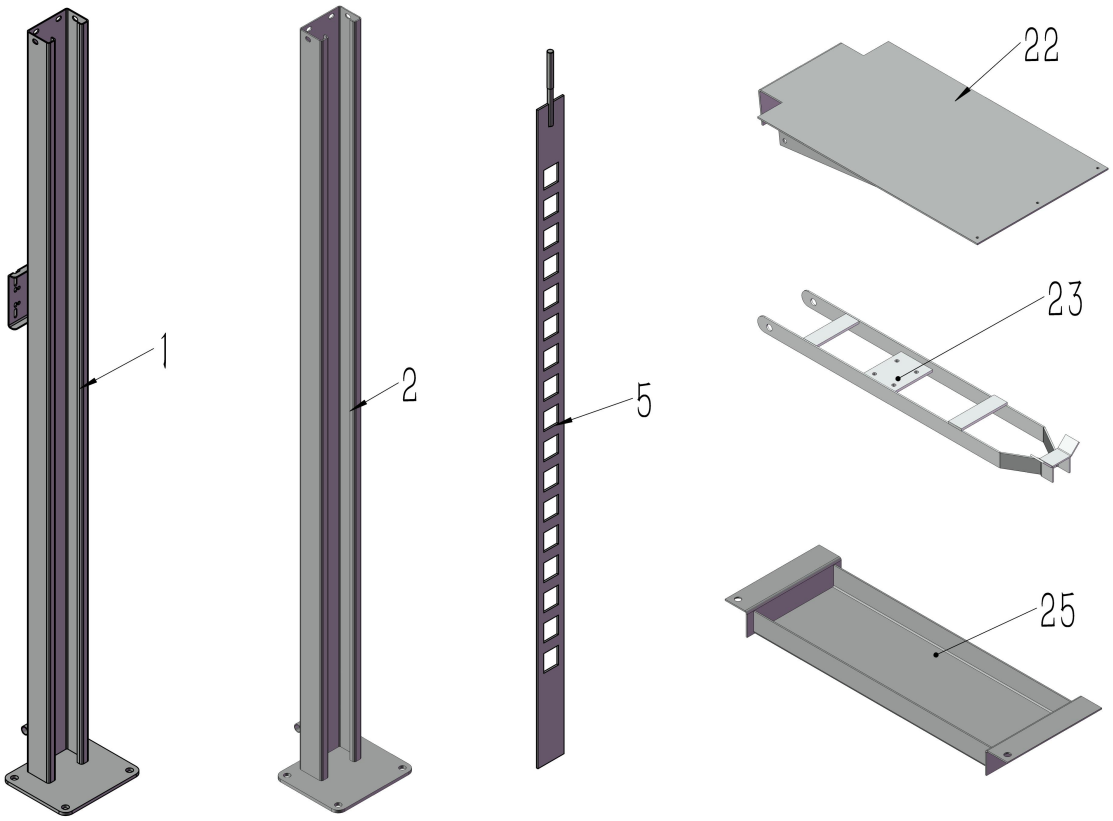
Overall dimensions

Figure 1



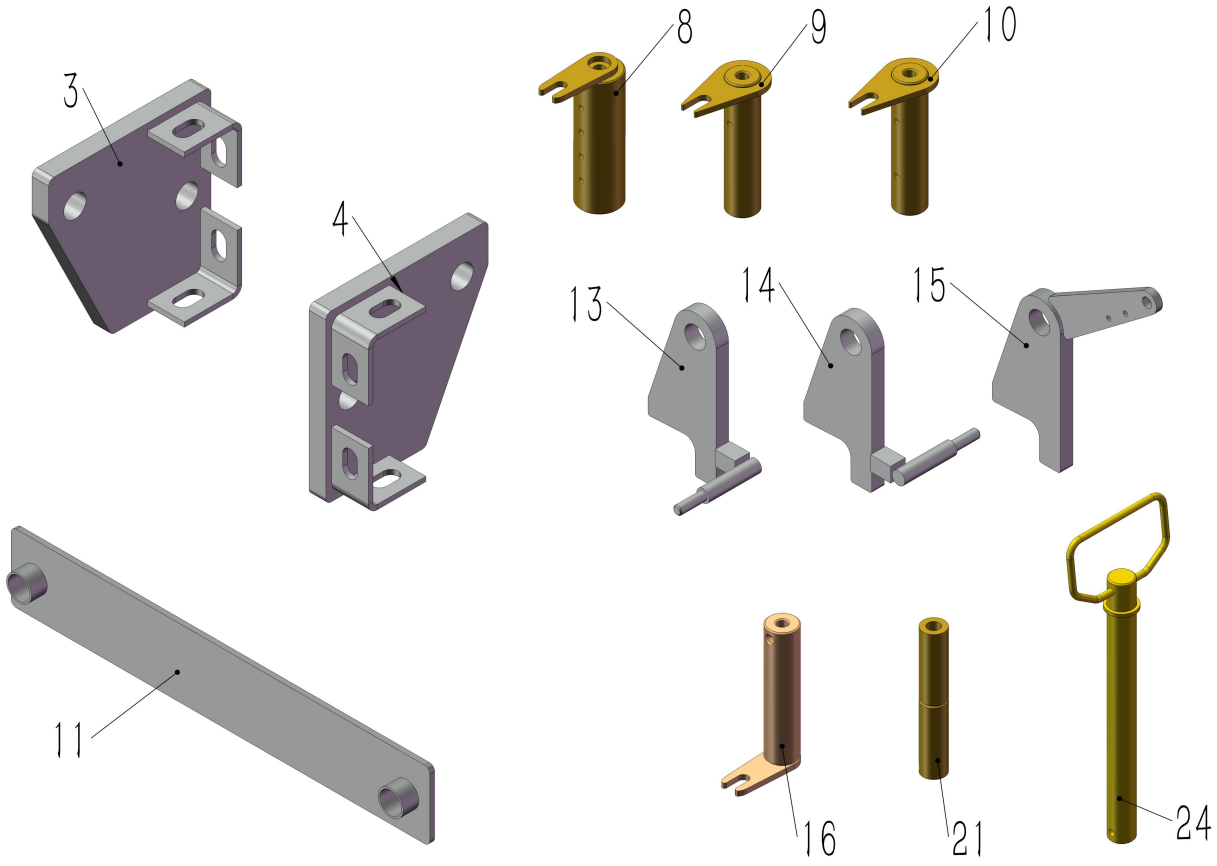
Exploded component drawing

1-2-5-22-23-25



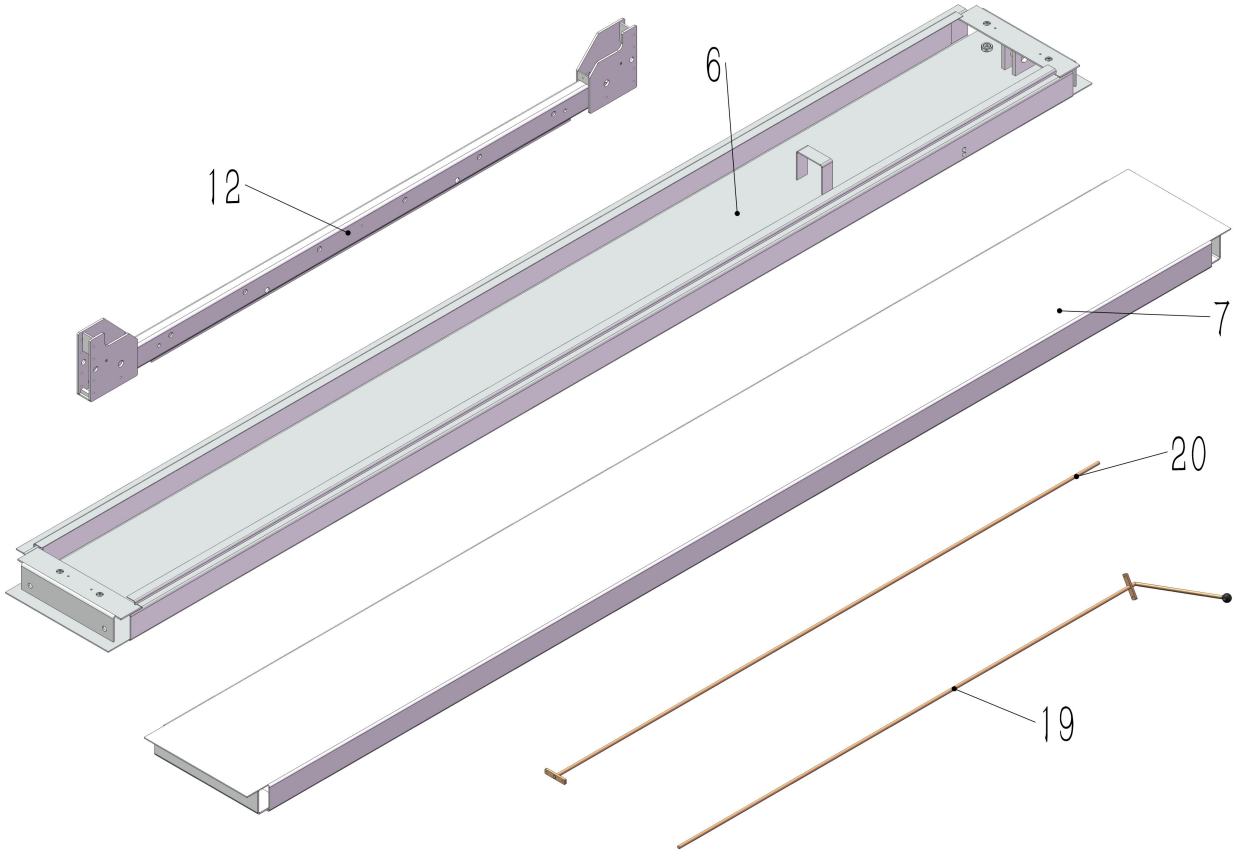
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3-4-8-9-10-11-12-14-15-16-21-24



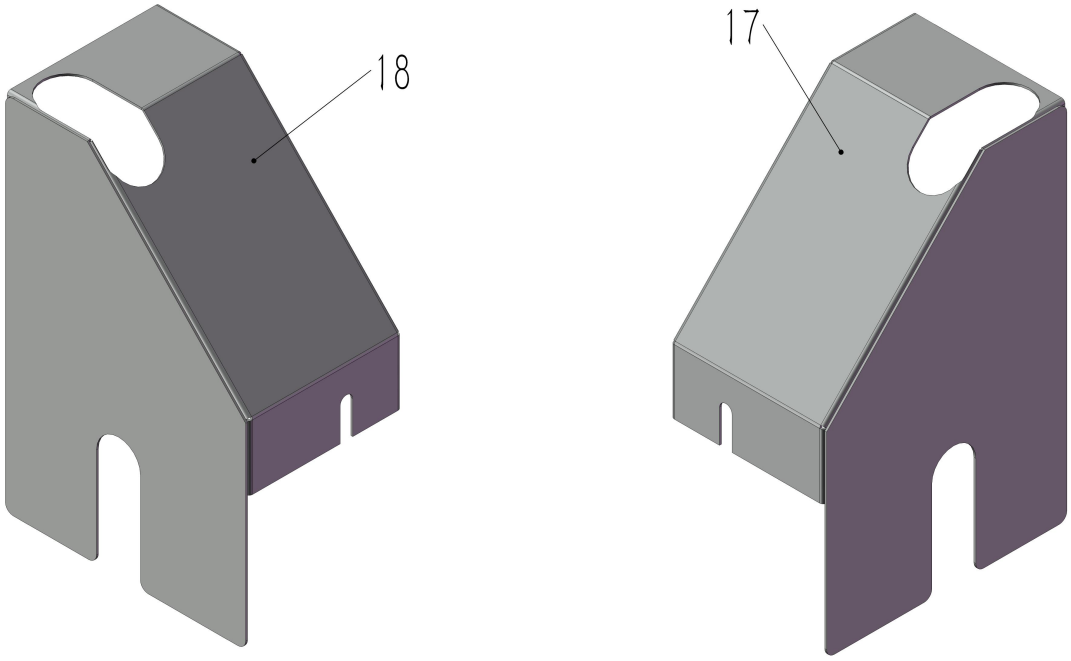
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6-7-12-19-20



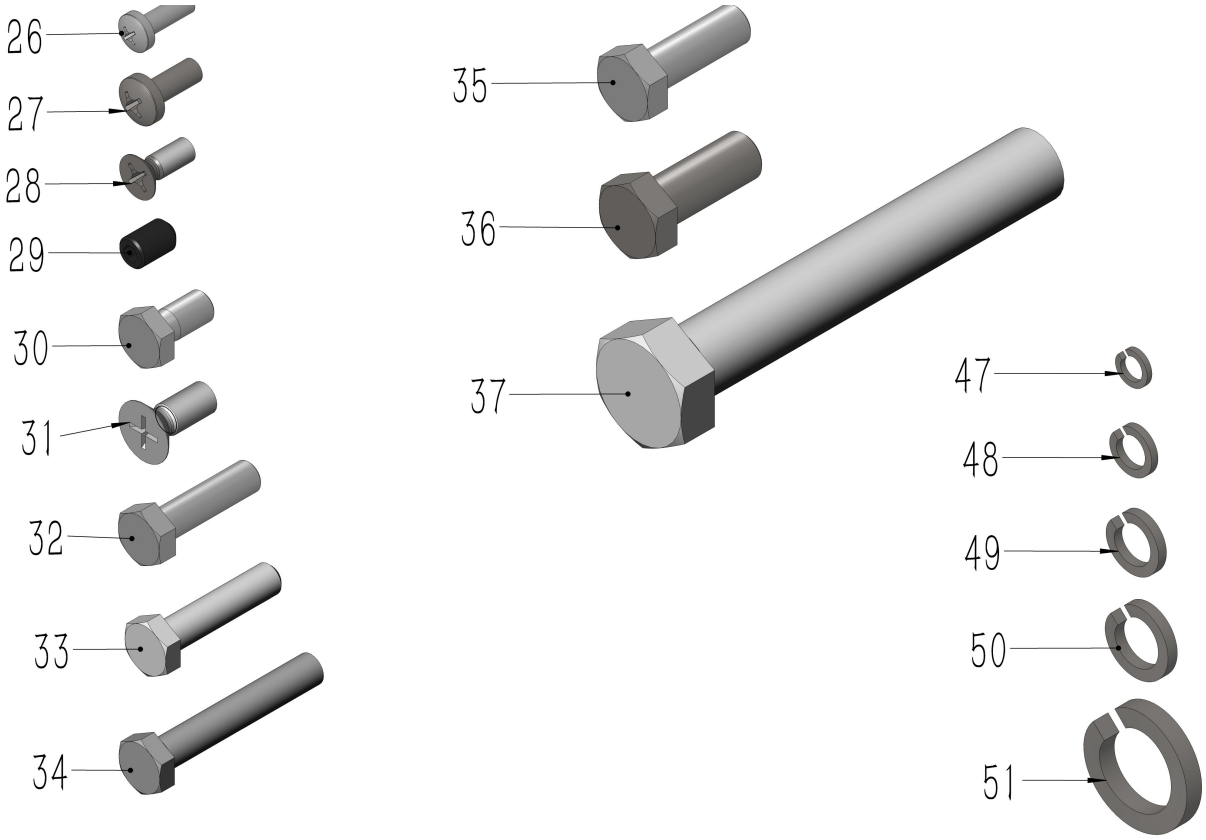
Exploded component drawing

17-18



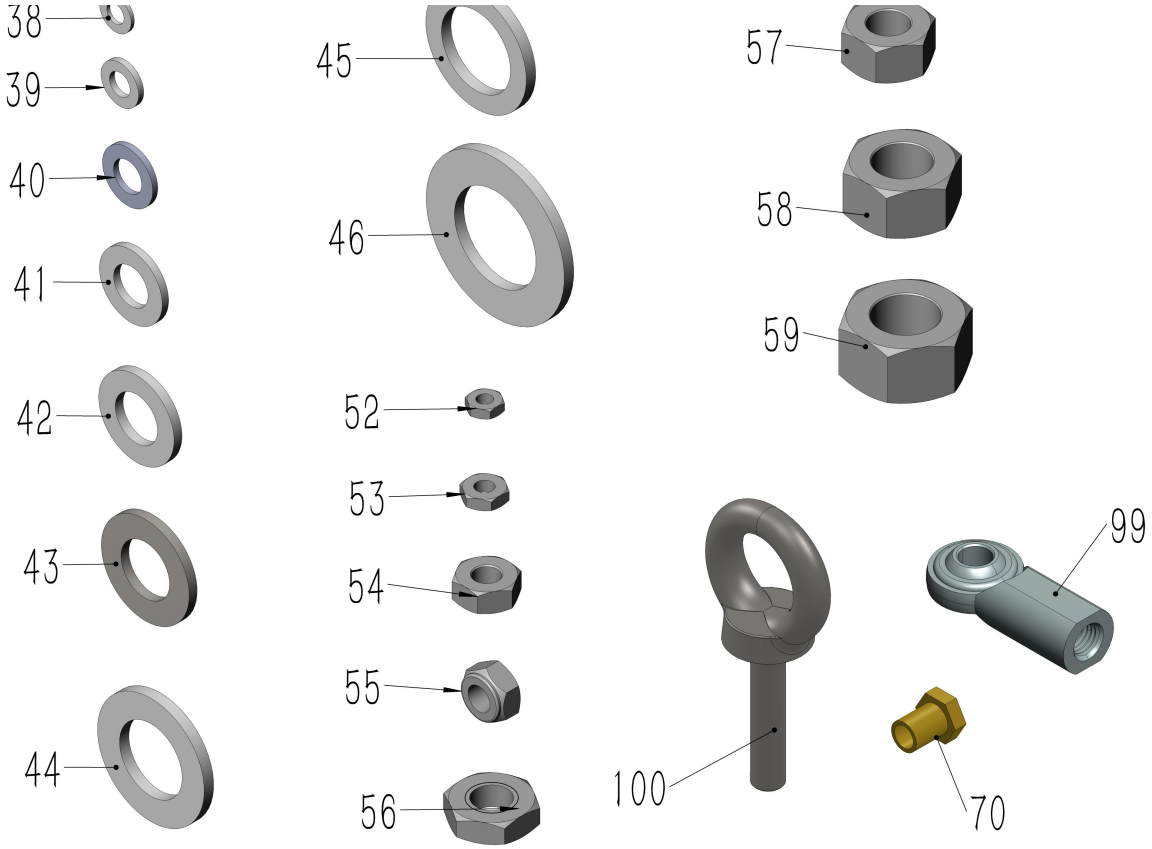
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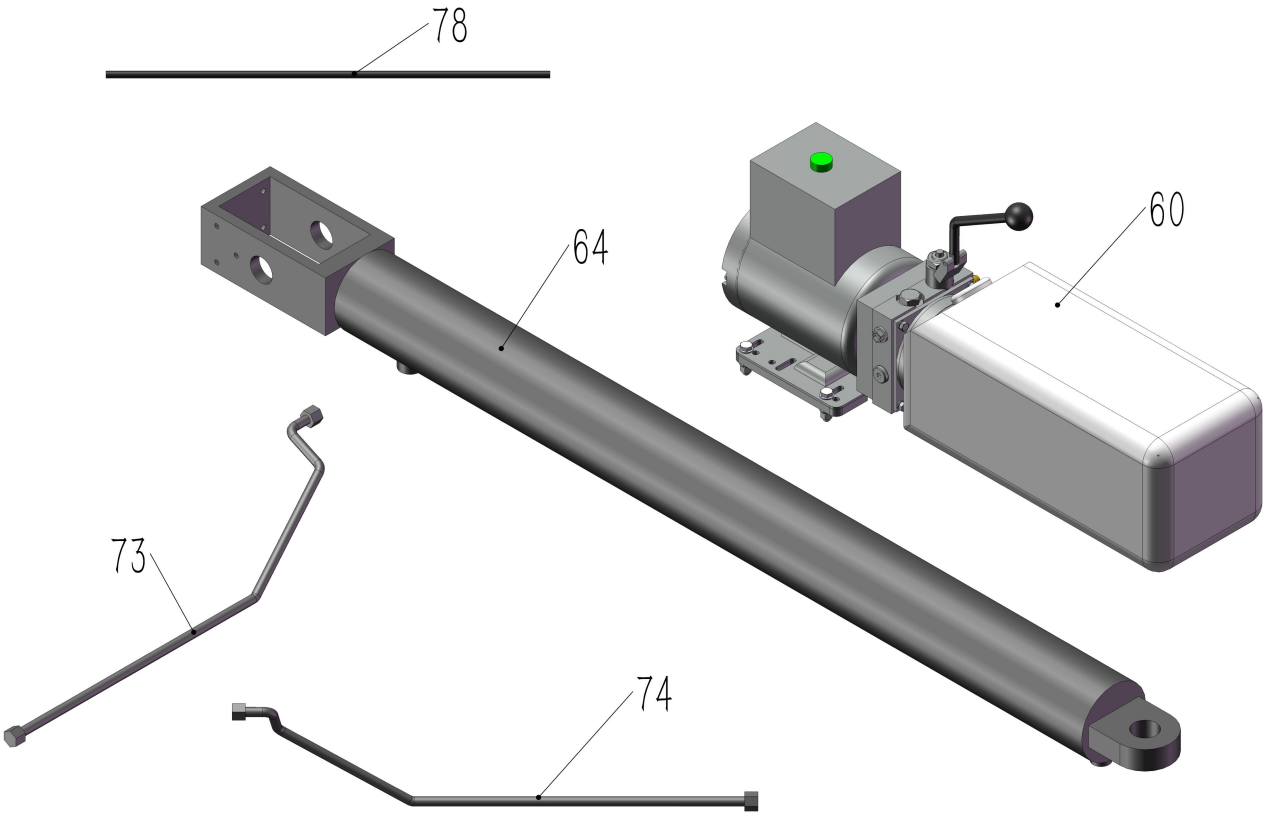
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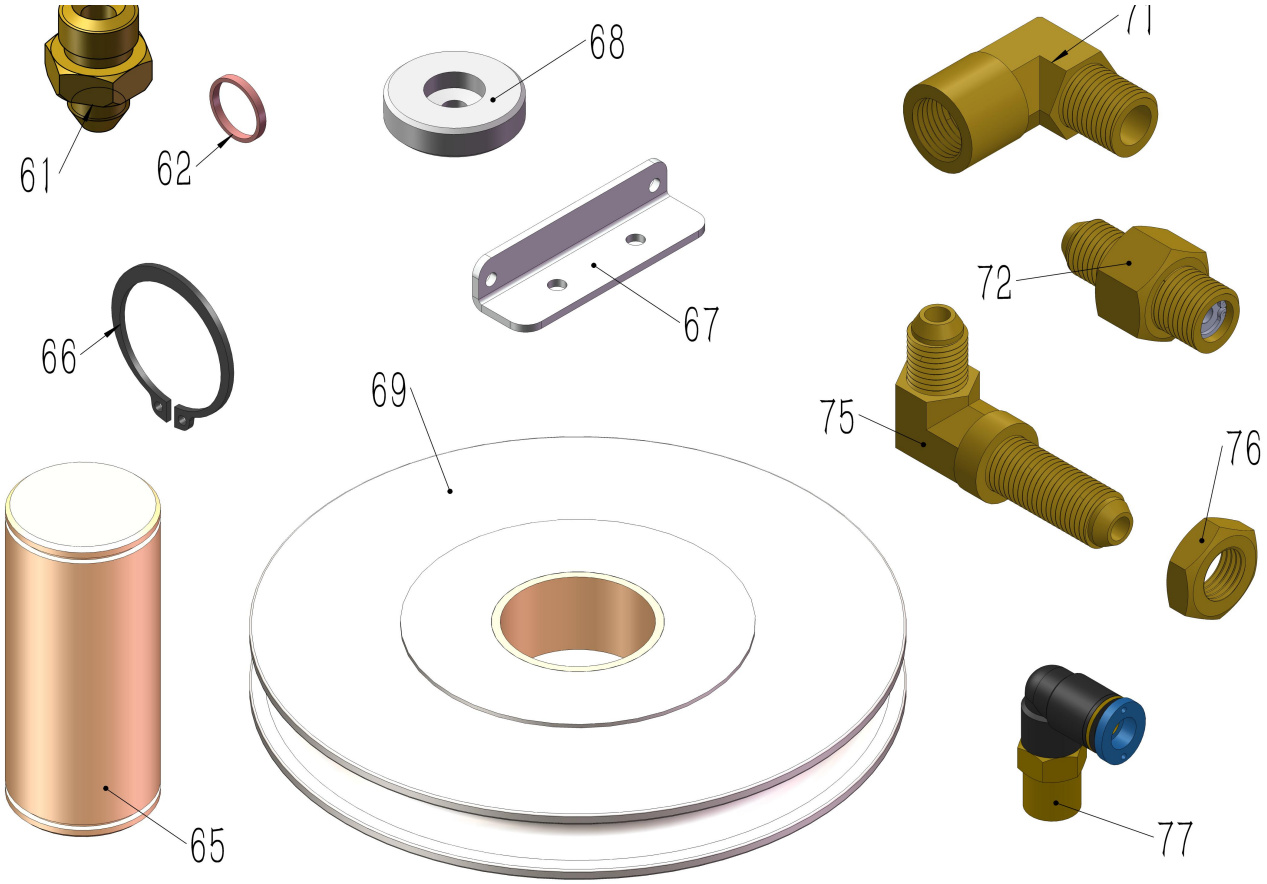
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60-64-73-74-78



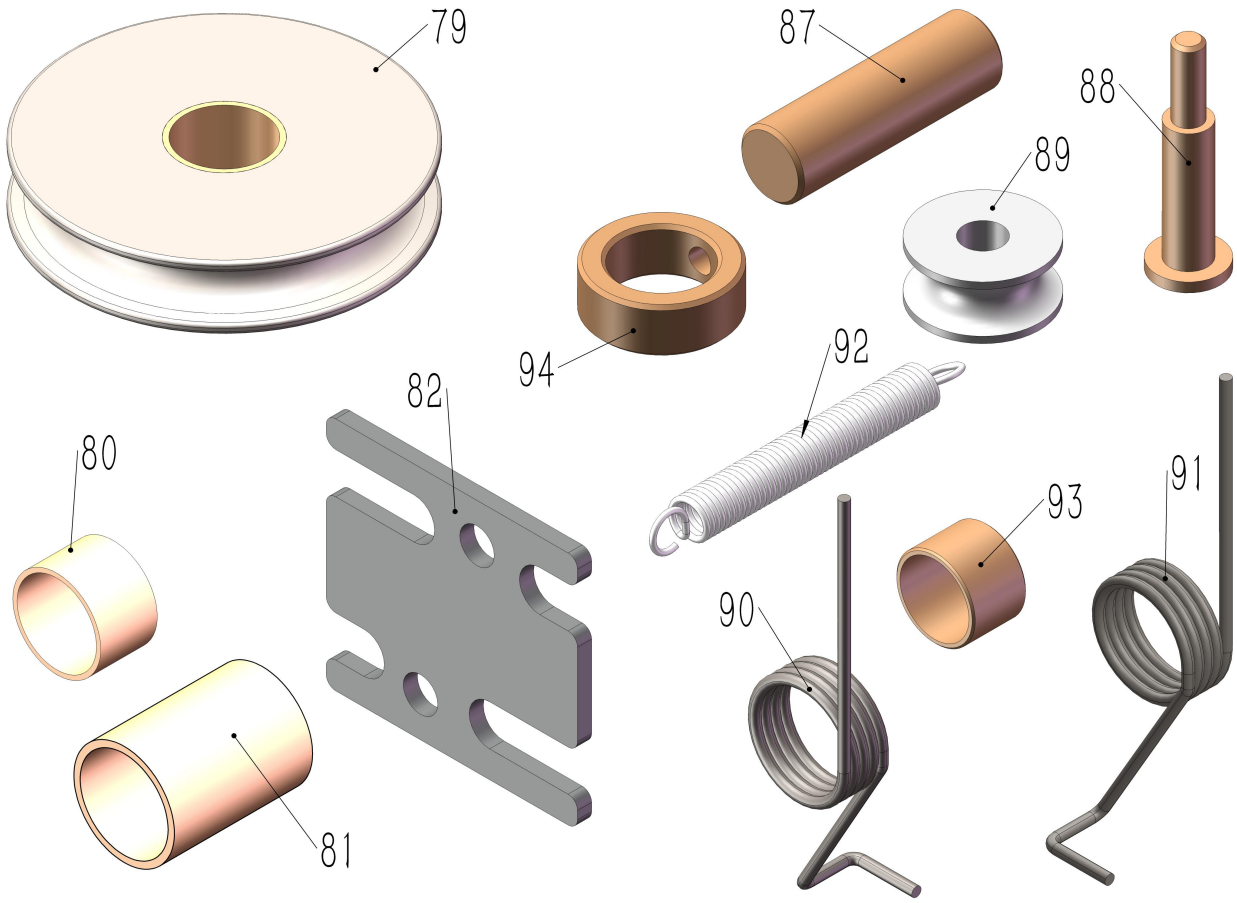
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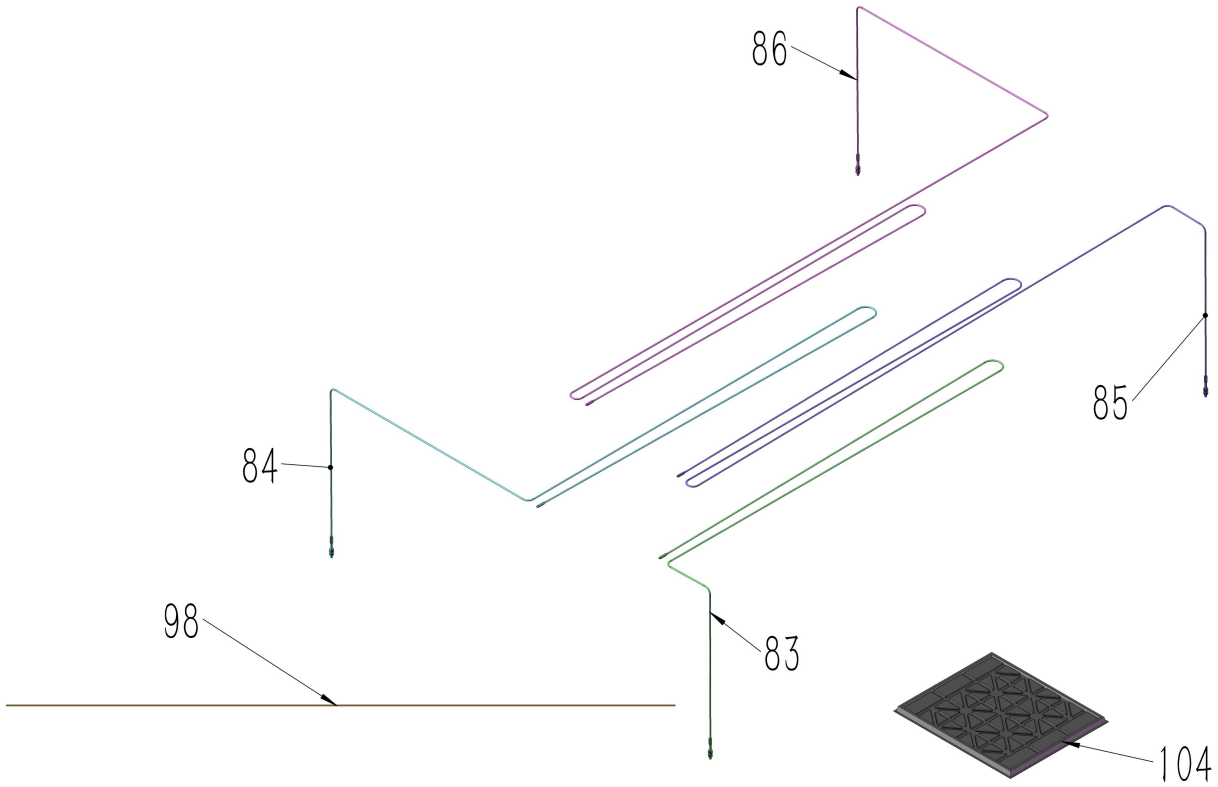
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79-80-81-82-87-88-90-91-92-93-94



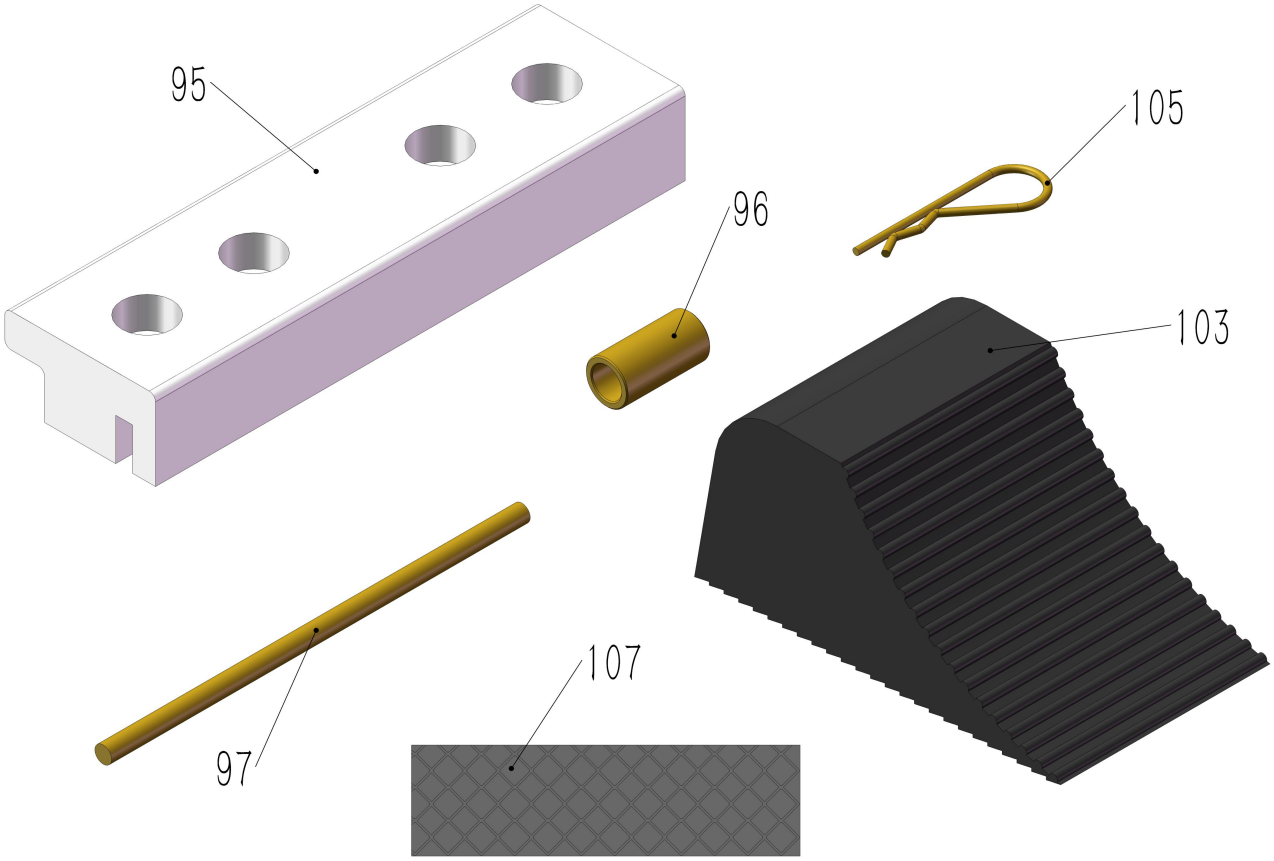
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83-84-85-86-98-104



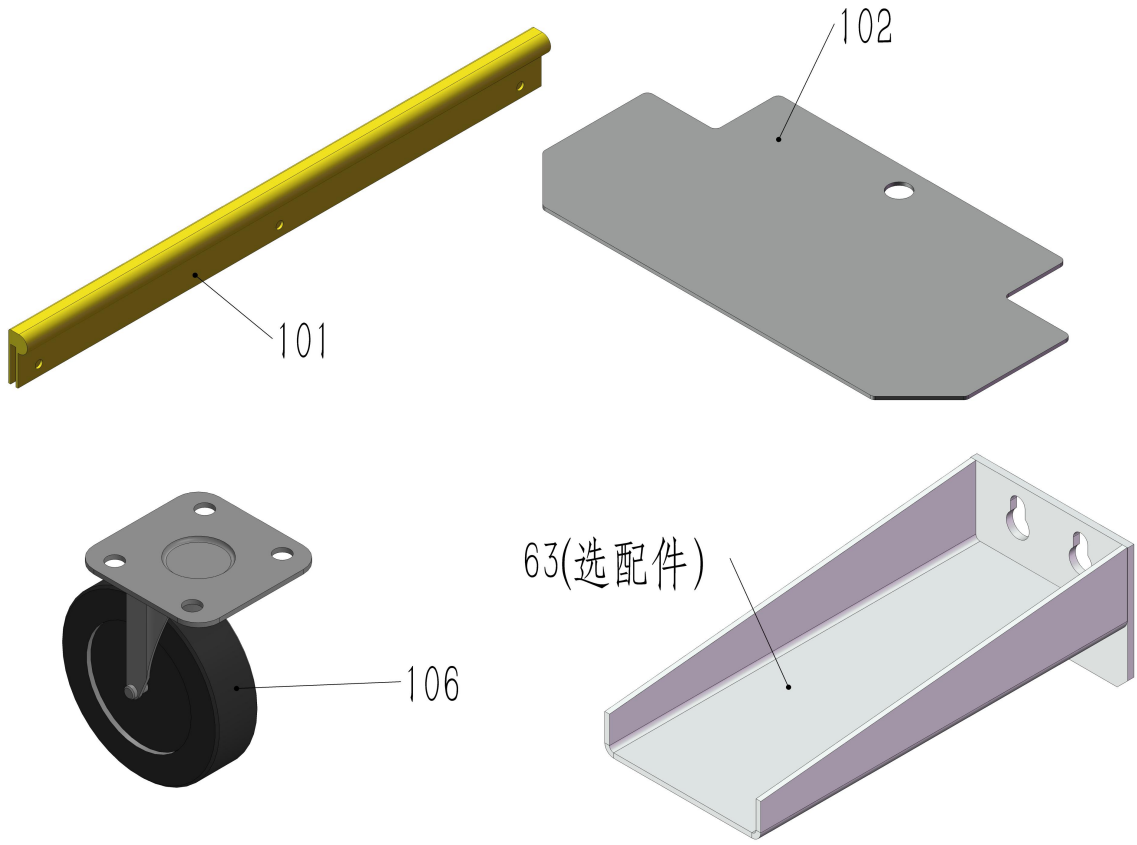
Exploded component drawing

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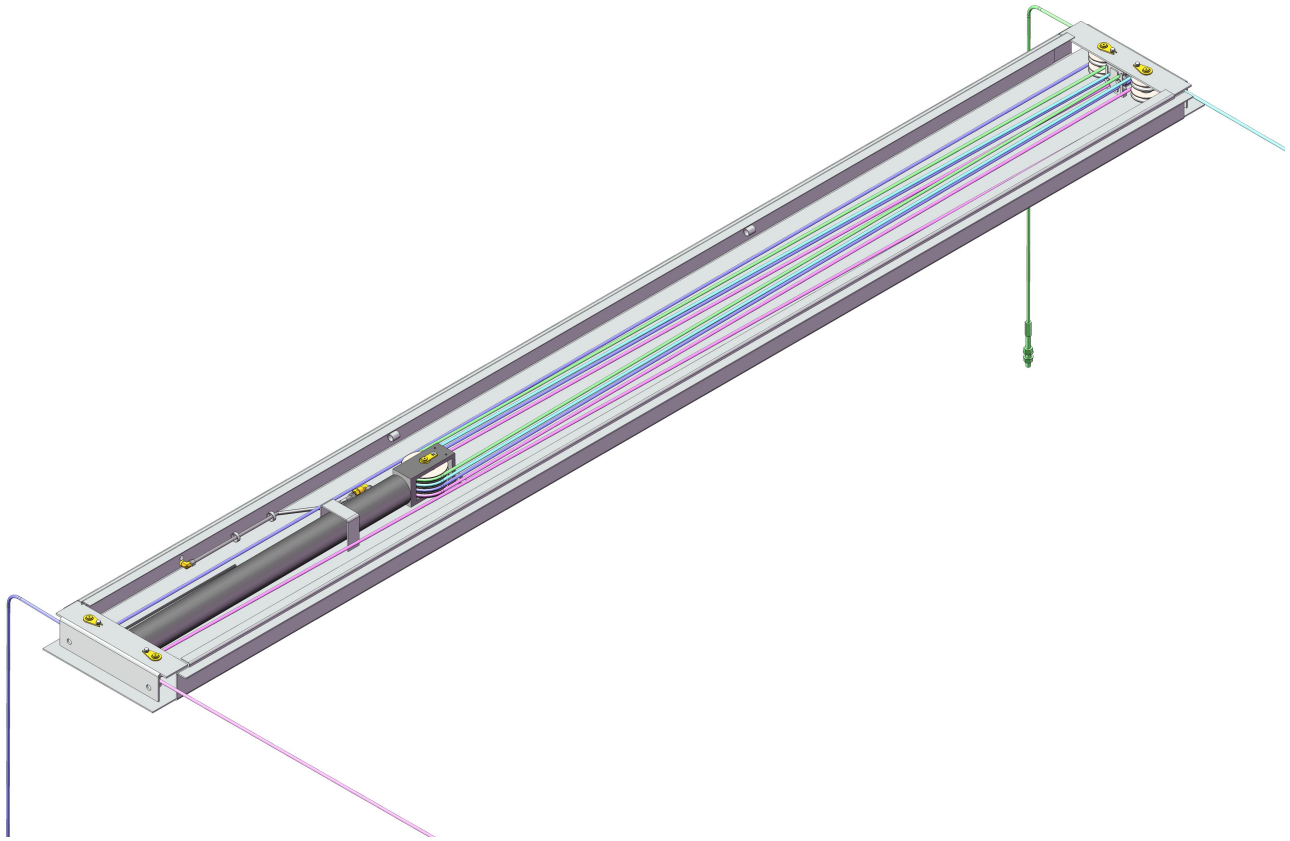
Exploded component drawing

63-101-102-106



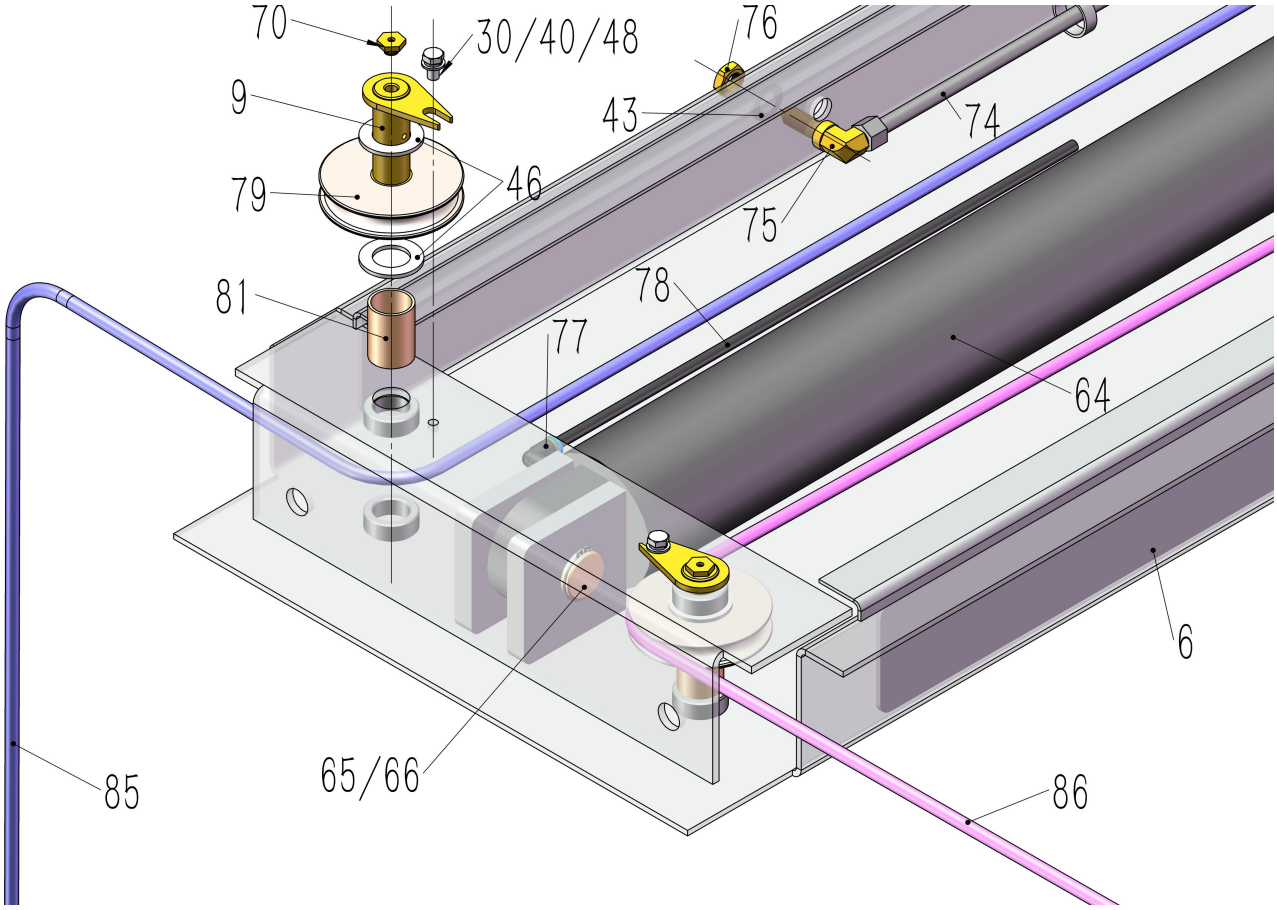
Runway and cable assembly

ZPT-1



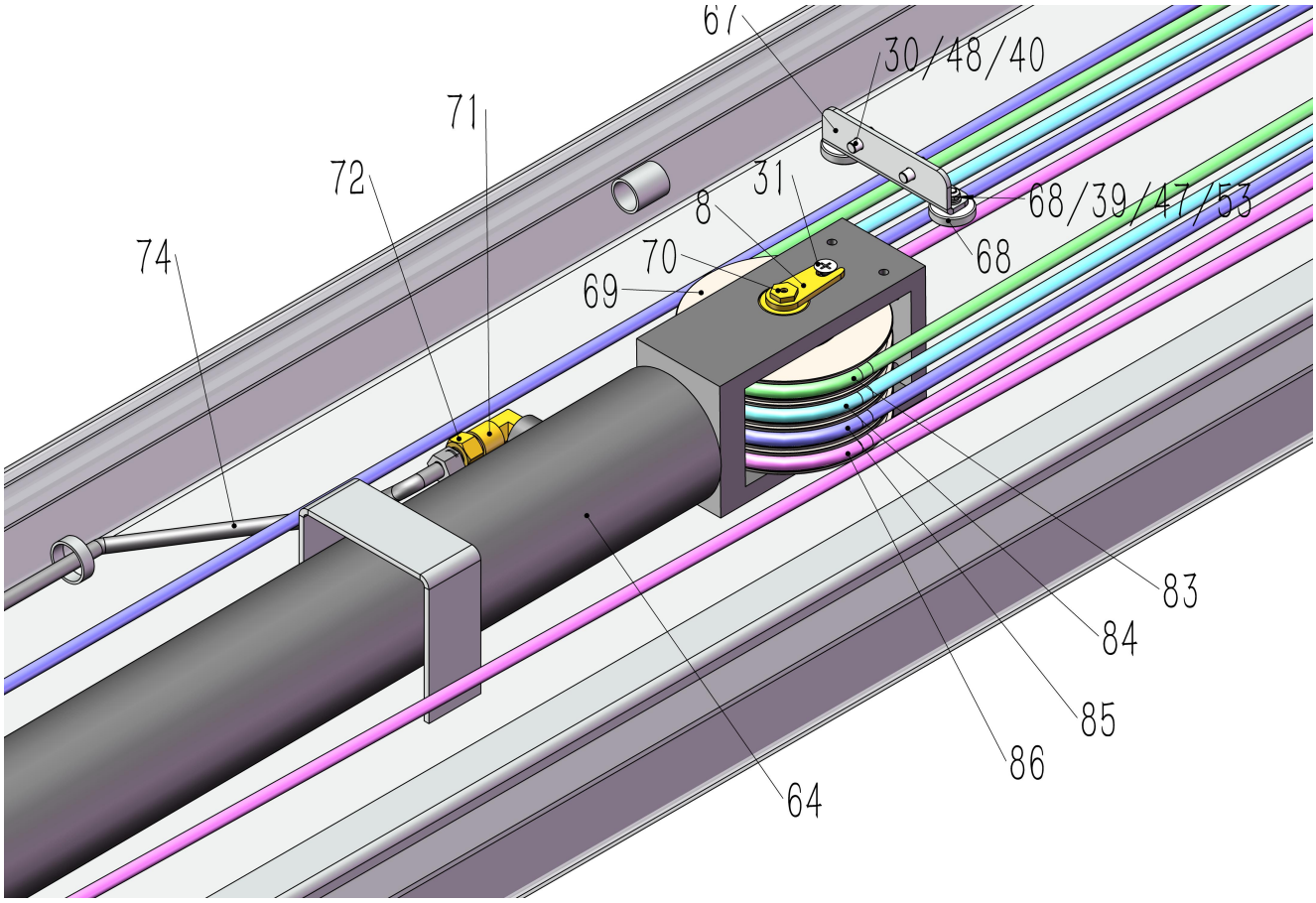
Runway and cable assembly

ZPT-1-1



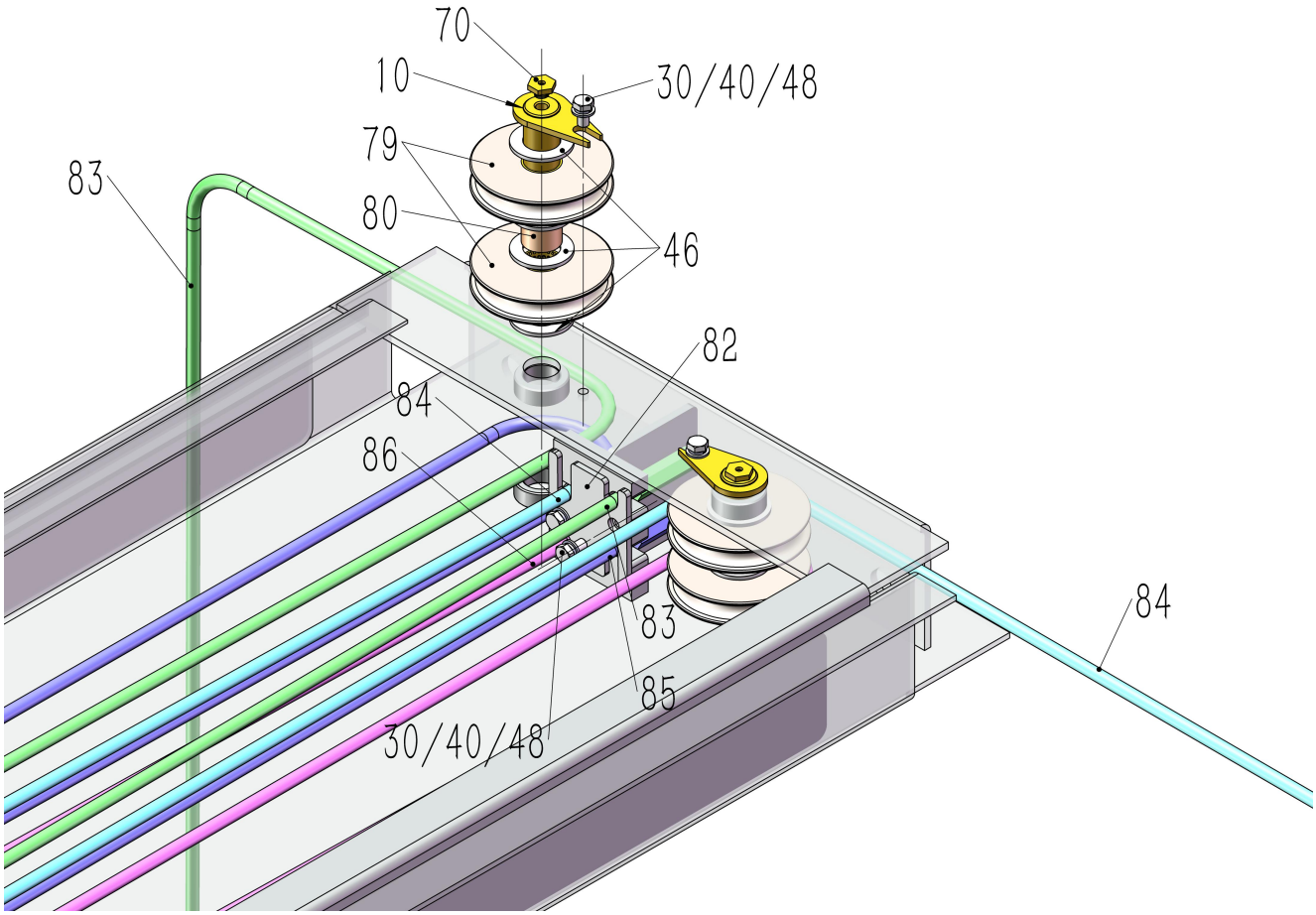
Runway and cable assembly

ZPT-1-2



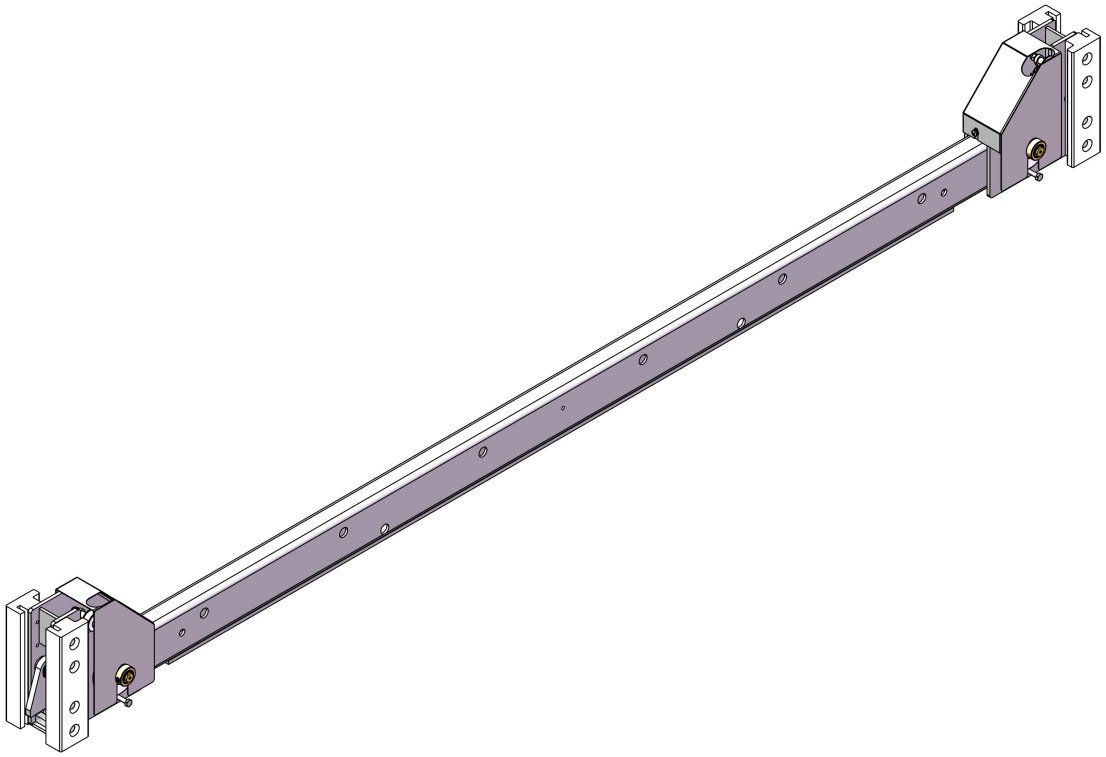
Runway and cable assembly

ZPT-1-3



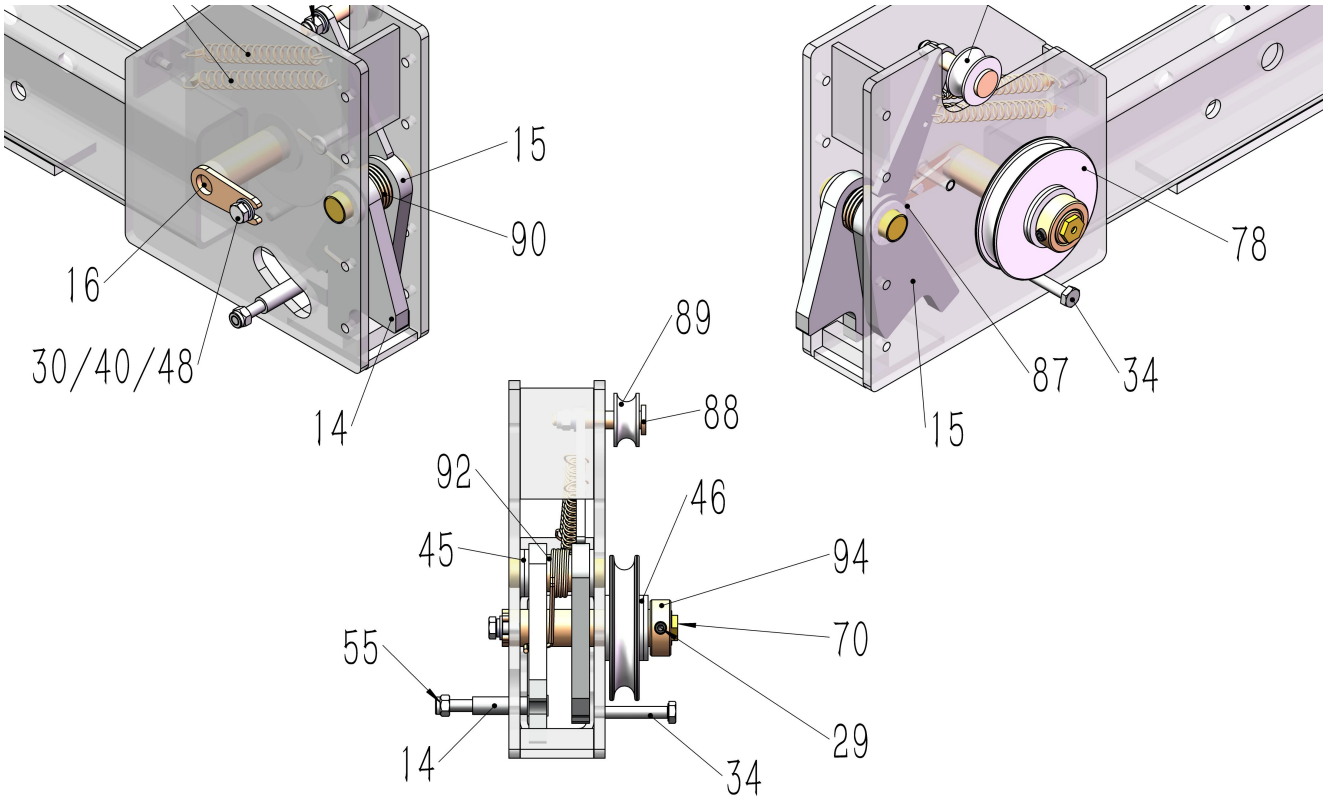
Runway and cable assembly

ZPT-2



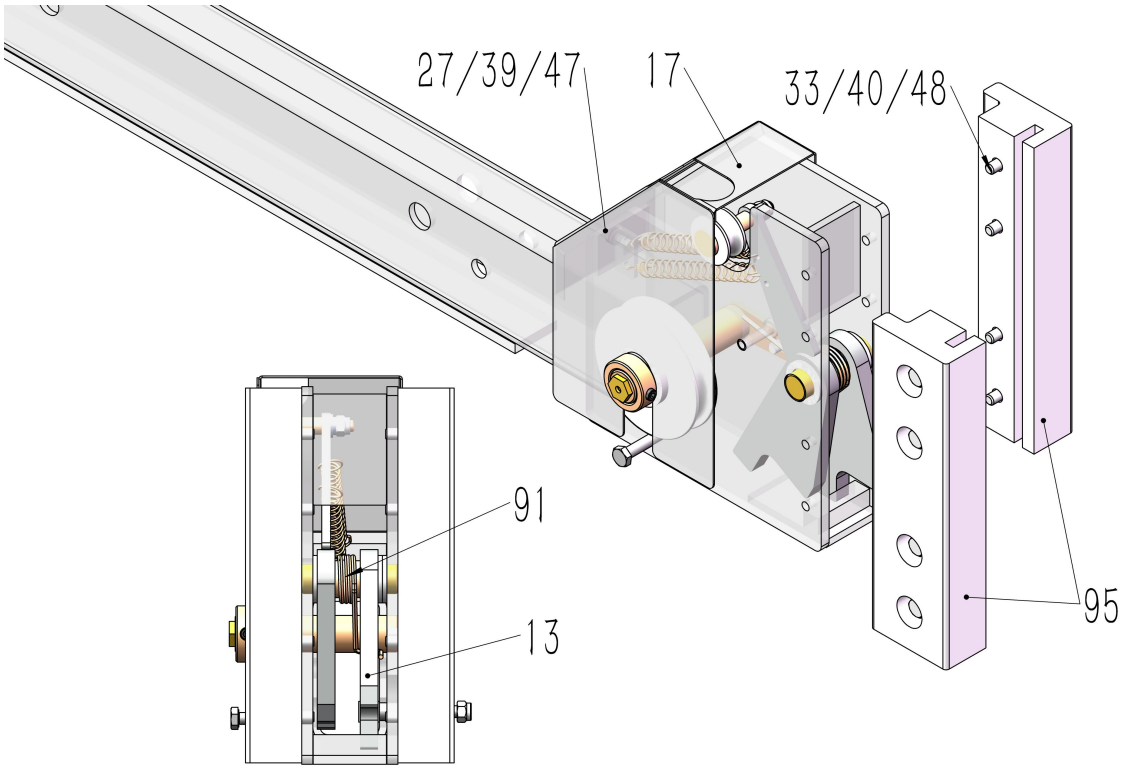
Runway and cable assembly

ZPT-2-1



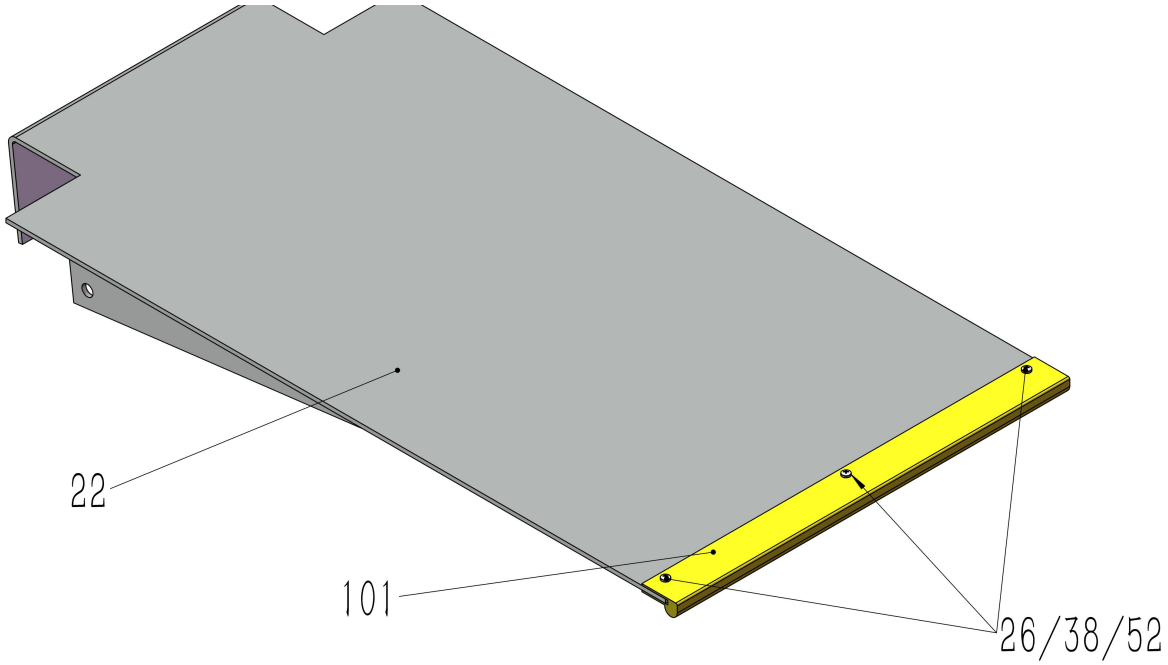
Runway and cable assembly

ZPT-2-2



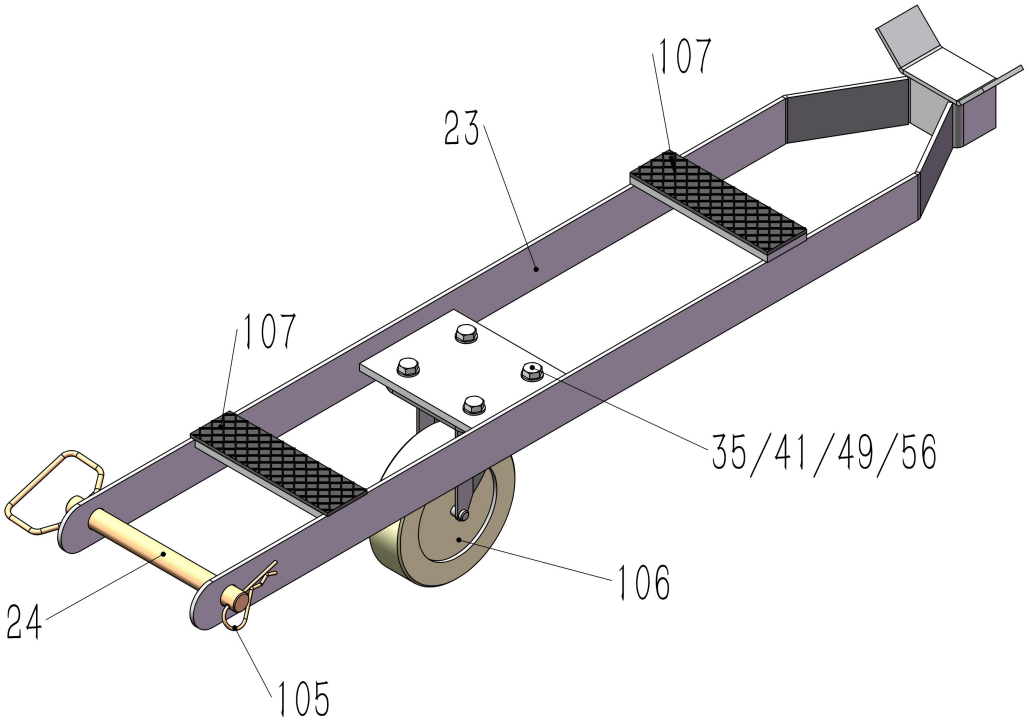
Runway and cable assembly

ZPT-3



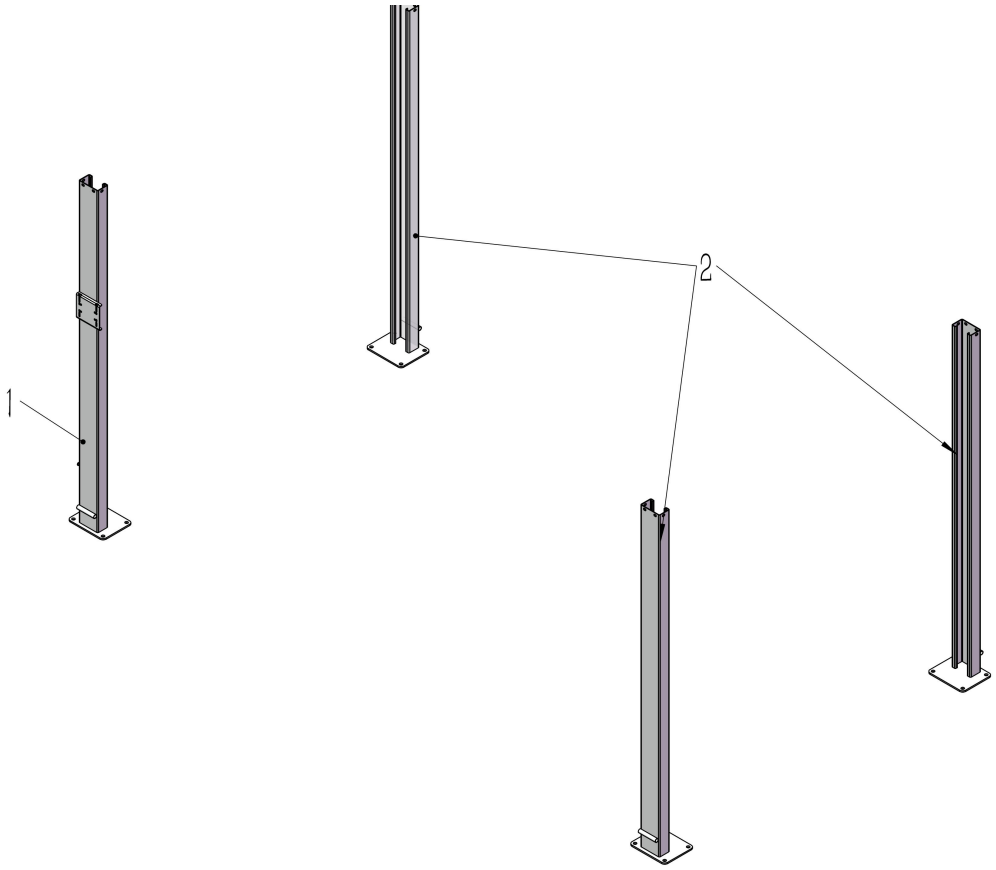
Runway and cable assembly

ZPT-4



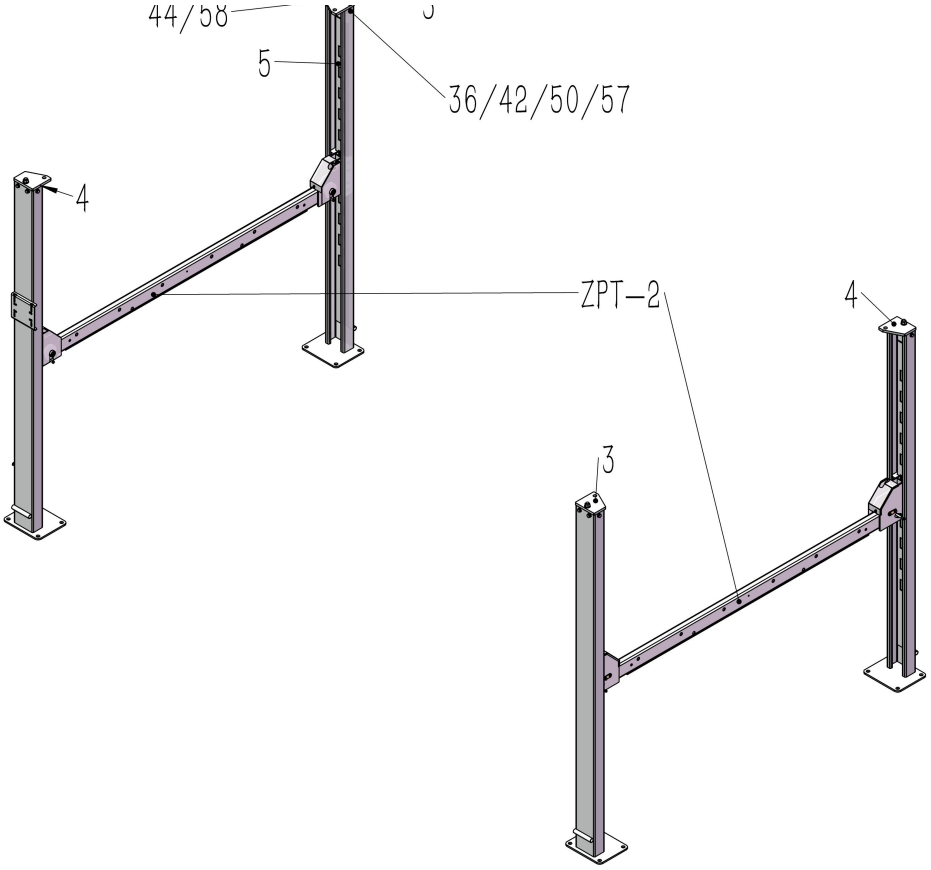
Assembly installation drawing

Z-1



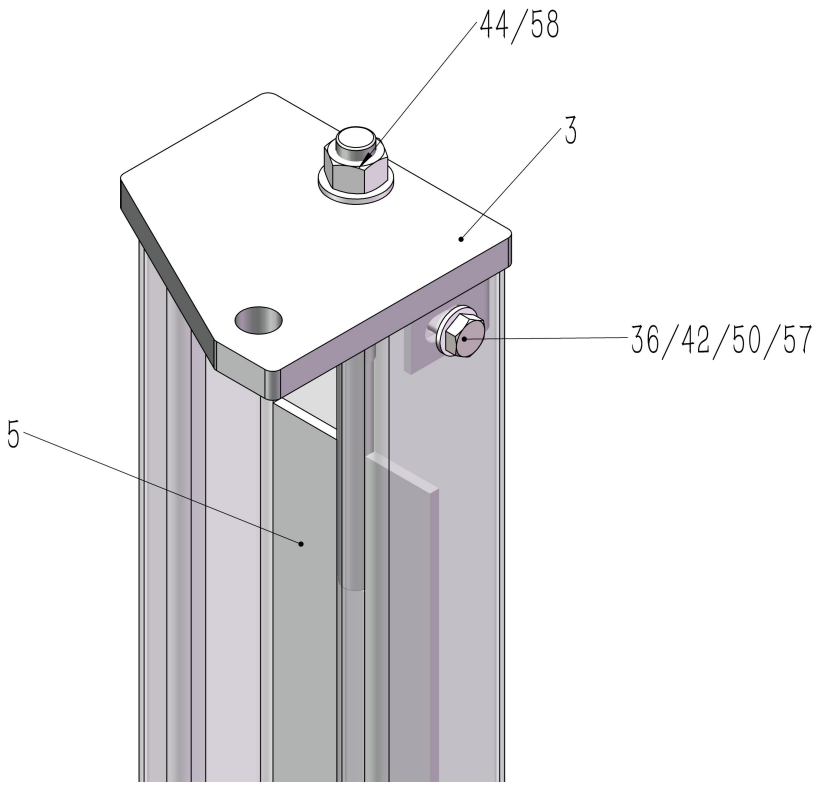
Assembly installation drawing

Z-2



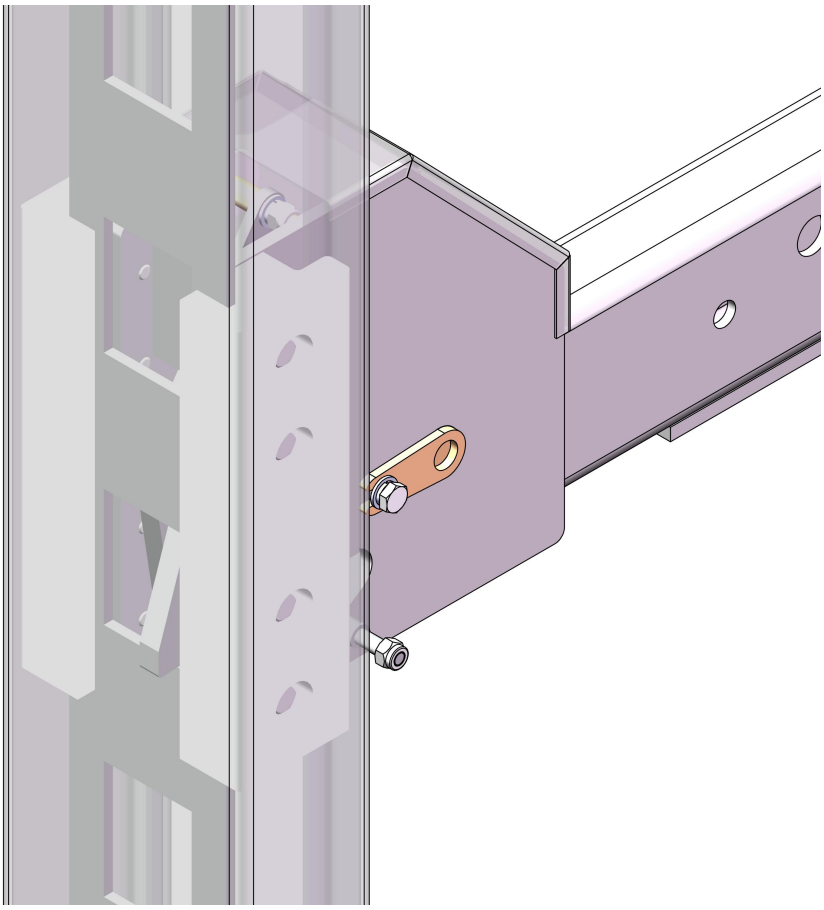
Assembly installation drawing

Z-2-1



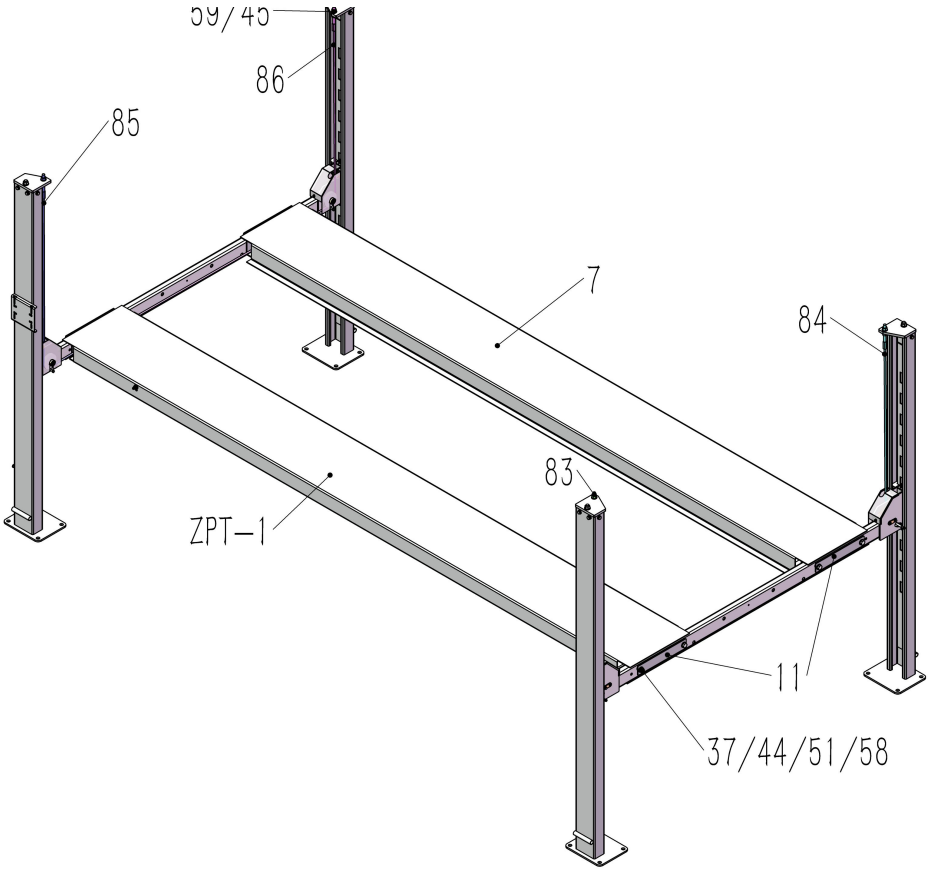
Assembly installation drawing

Z-2-2



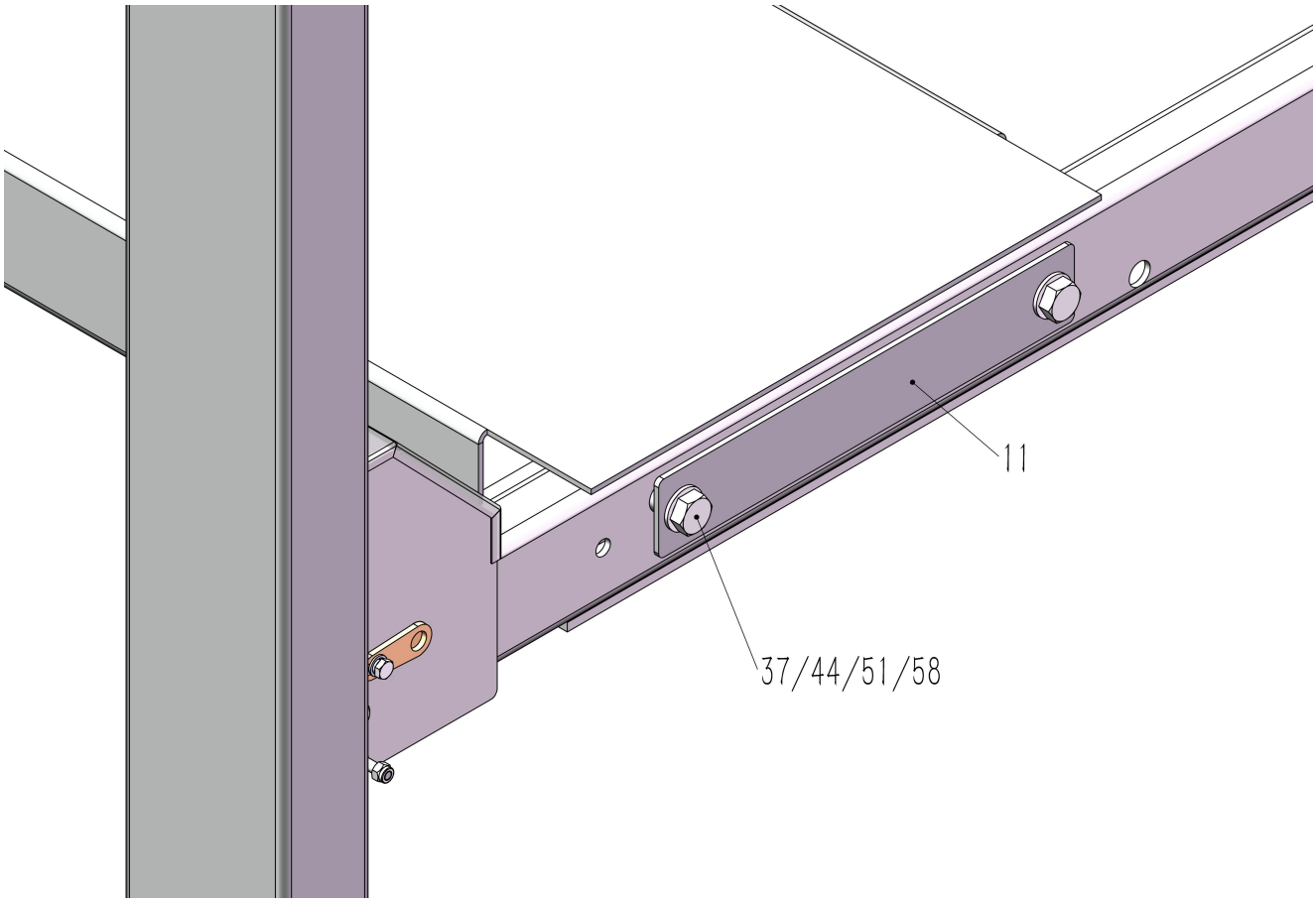
Assembly installation drawing

Z-3



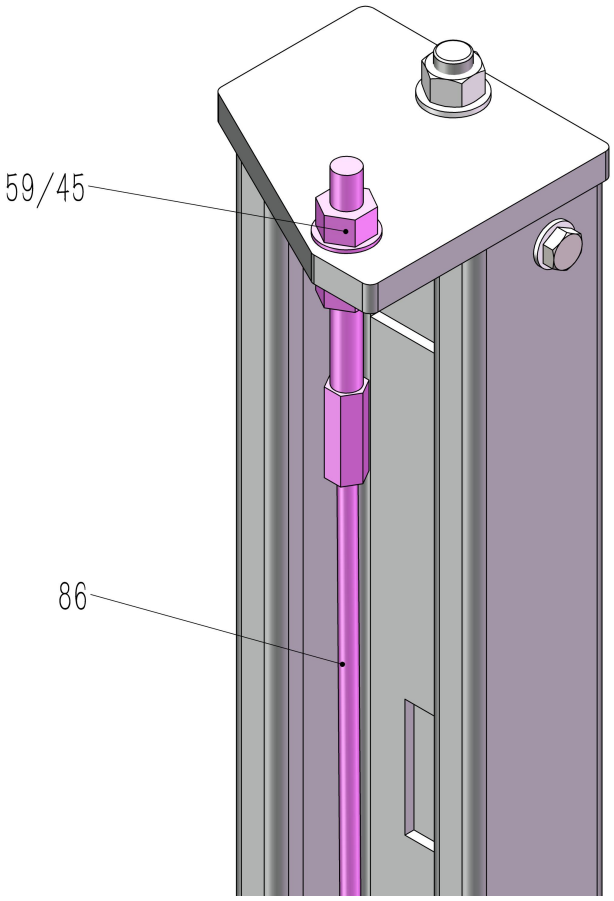
Assembly installation drawing

Z-3-1



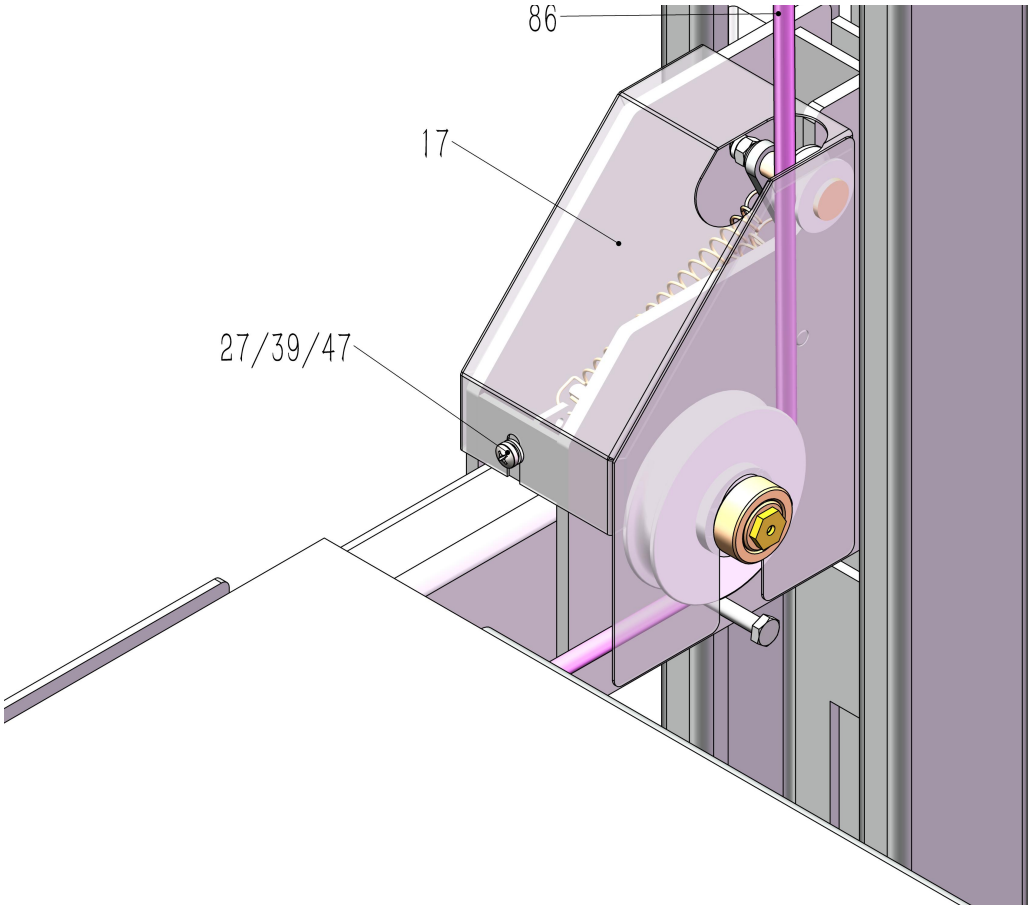
Assembly installation drawing

Z-3-2



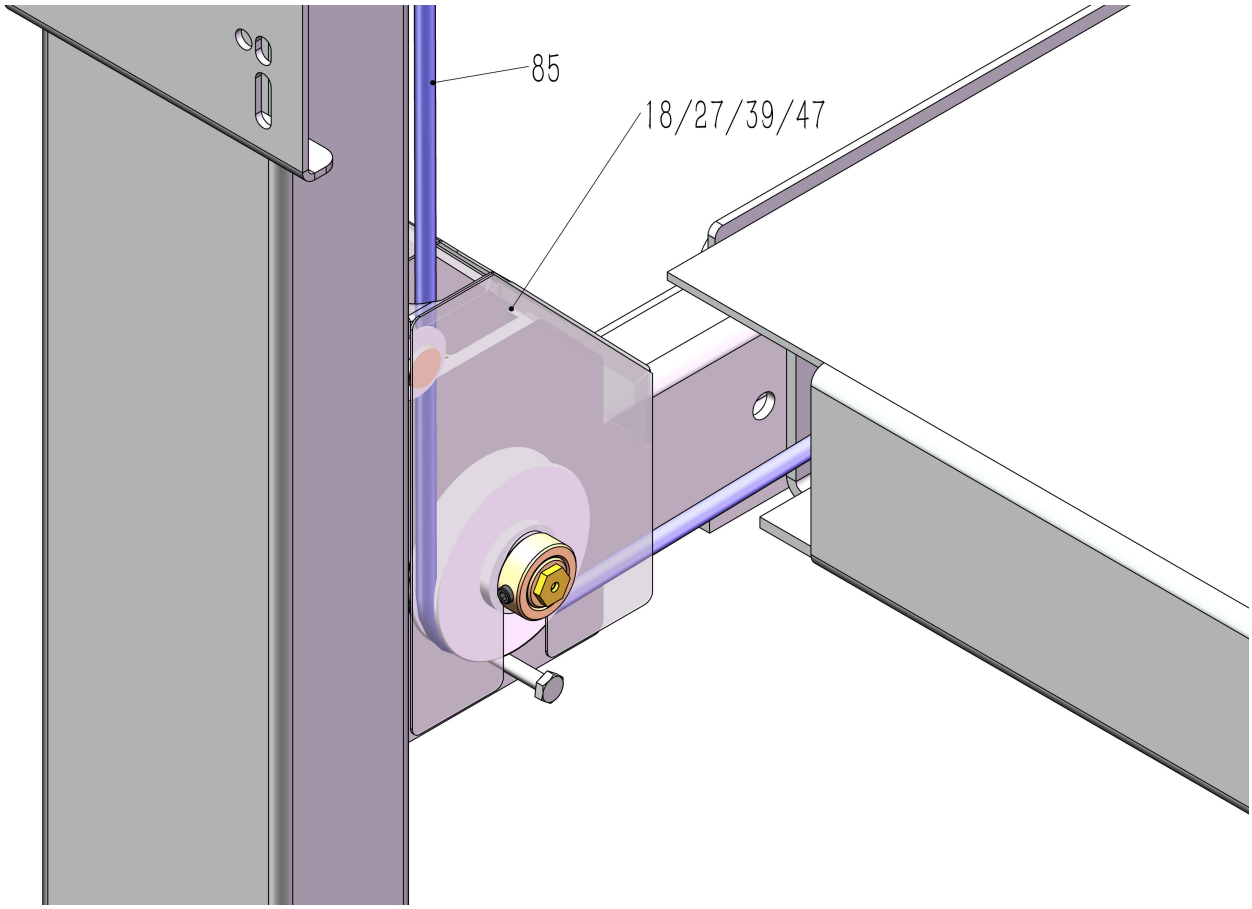
Assembly installation drawing

Z-3-3



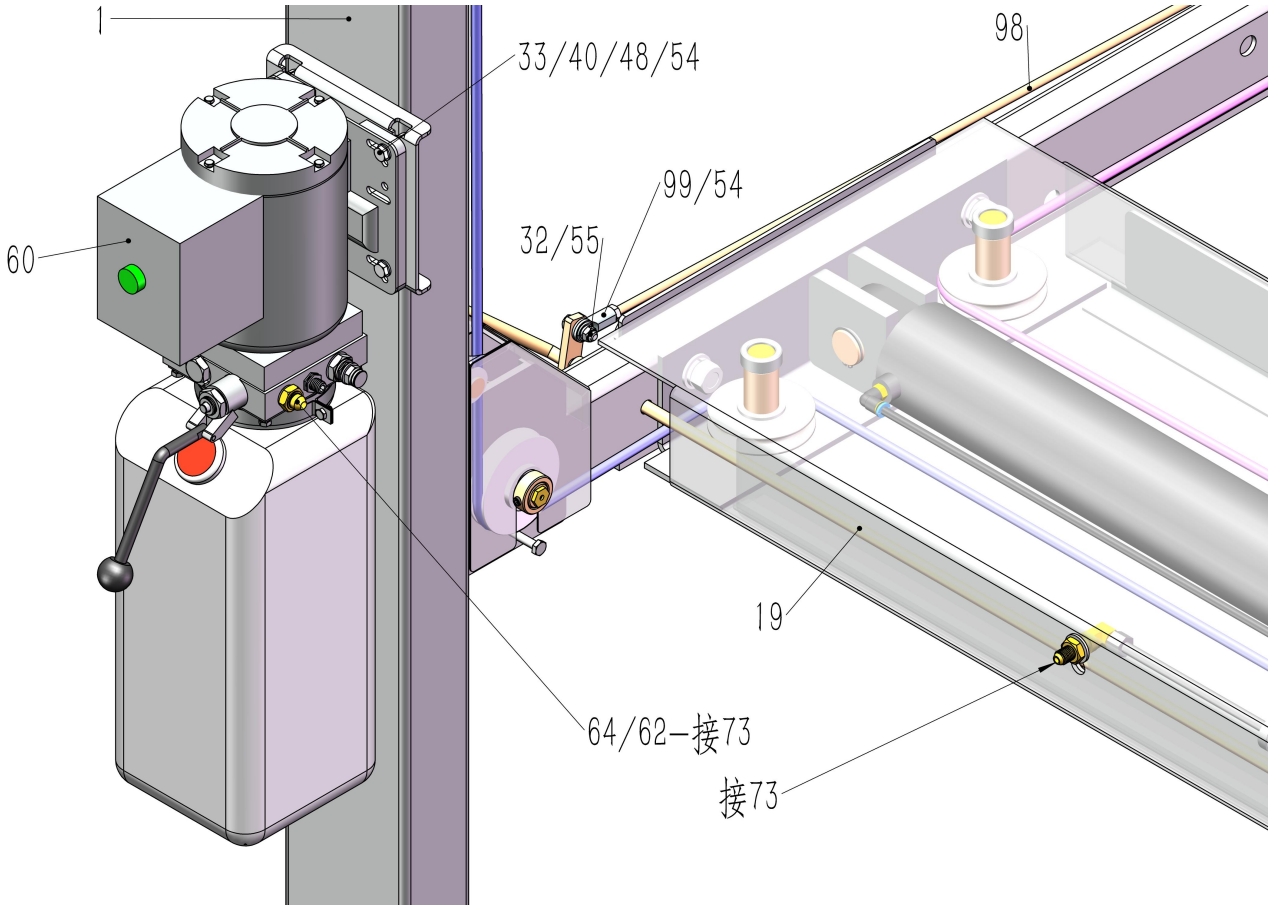
Assembly installation drawing

Z-3-4



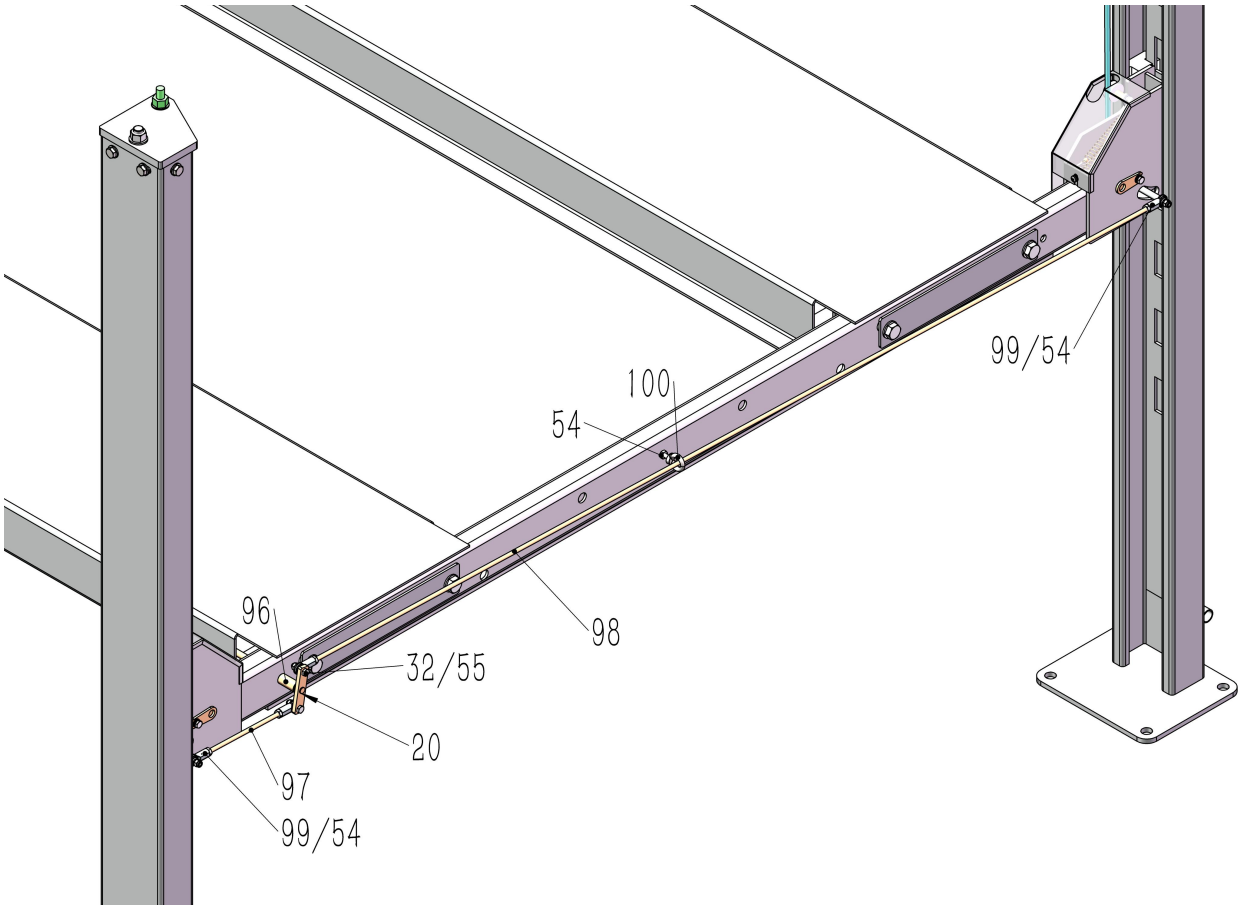
Assembly installation drawing

Z-4



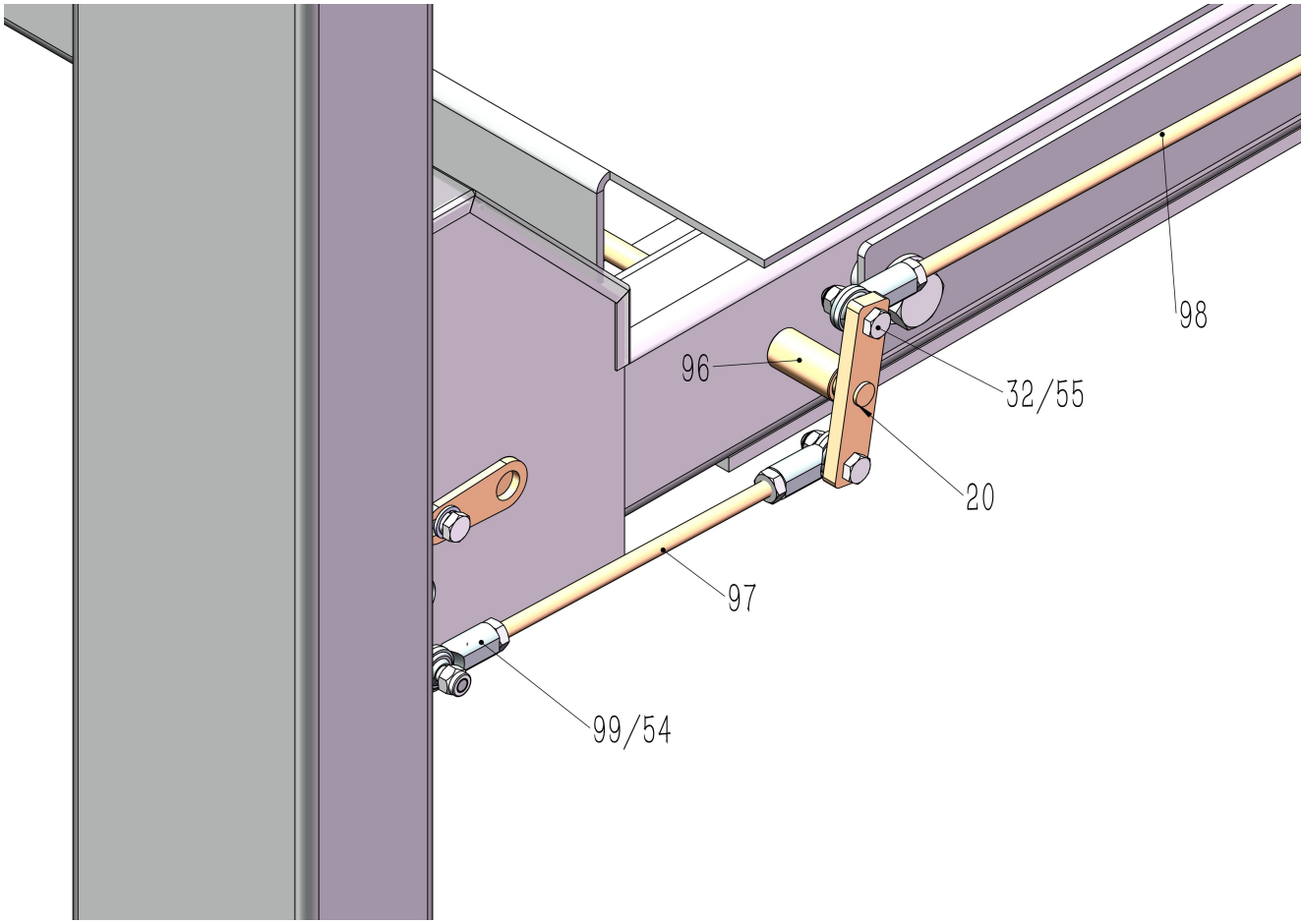
Assembly installation drawing

Z-5



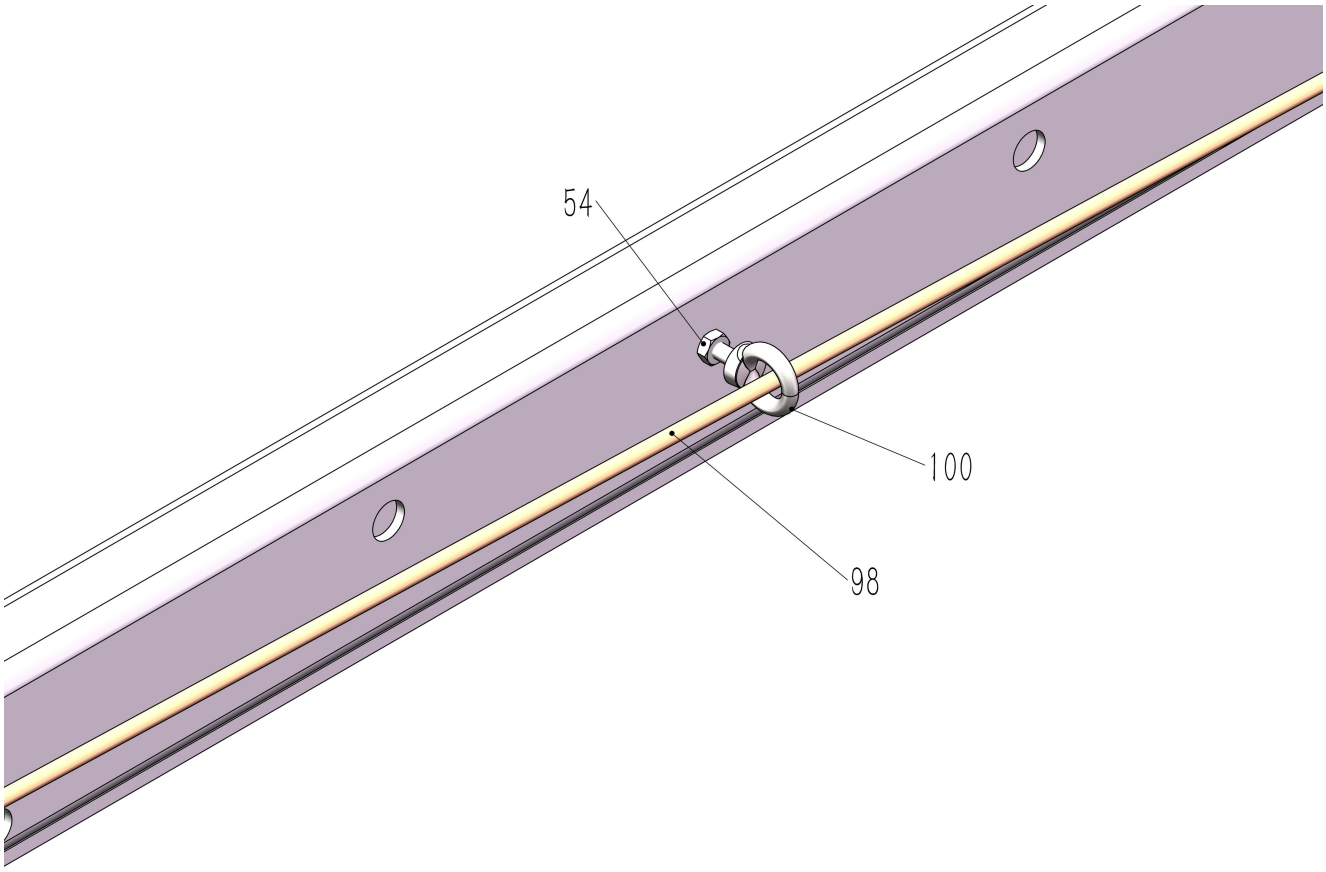
Assembly installation drawing

Z-5-1



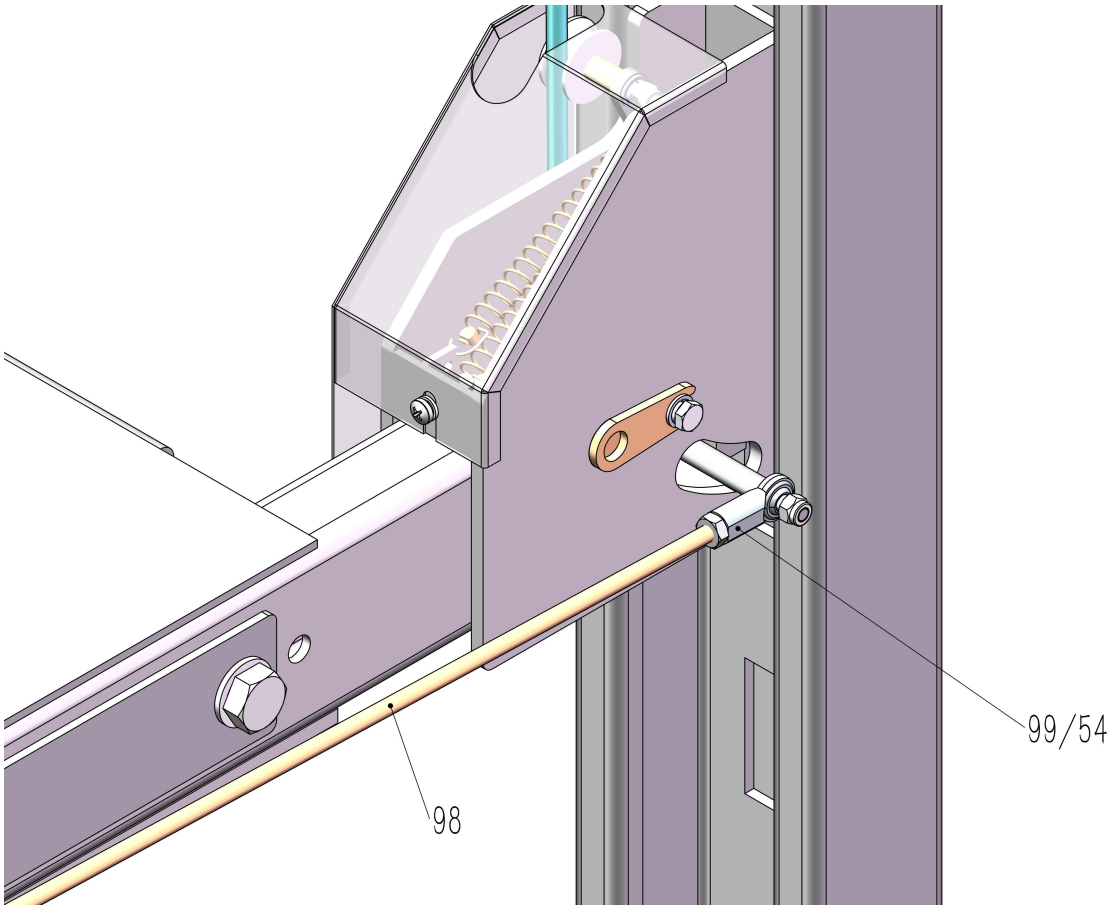
Assembly installation drawing

Z-5-2



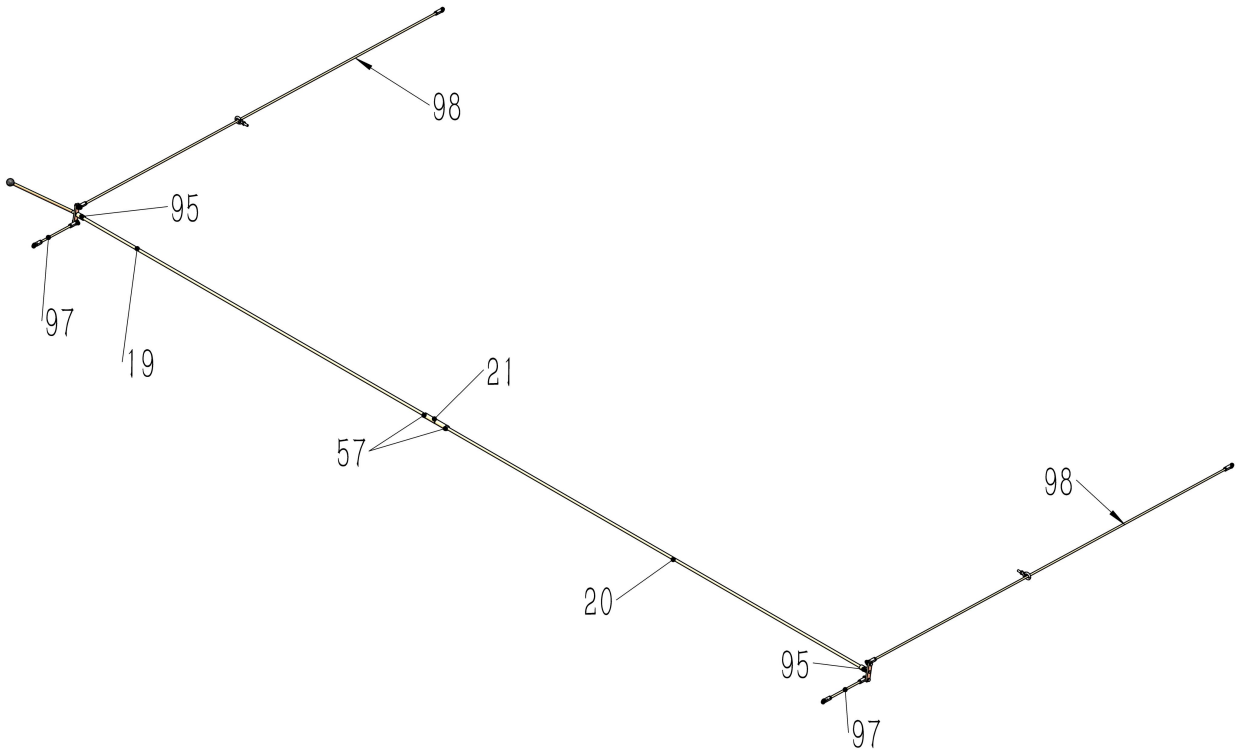
Assembly installation drawing

Z-5-3



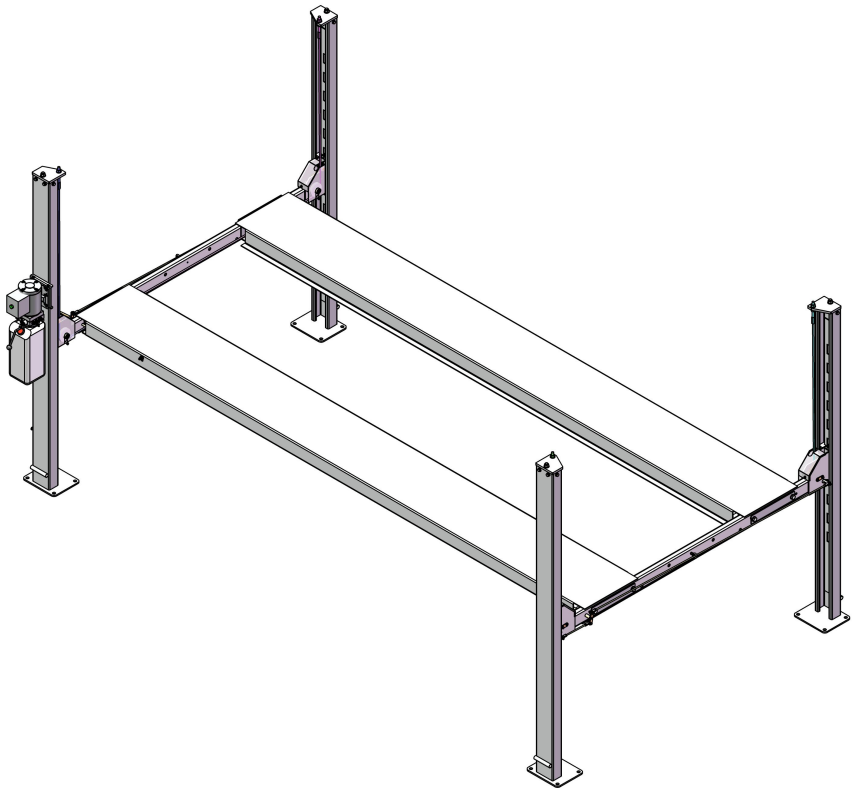
Assembly installation drawing

Z-5-4



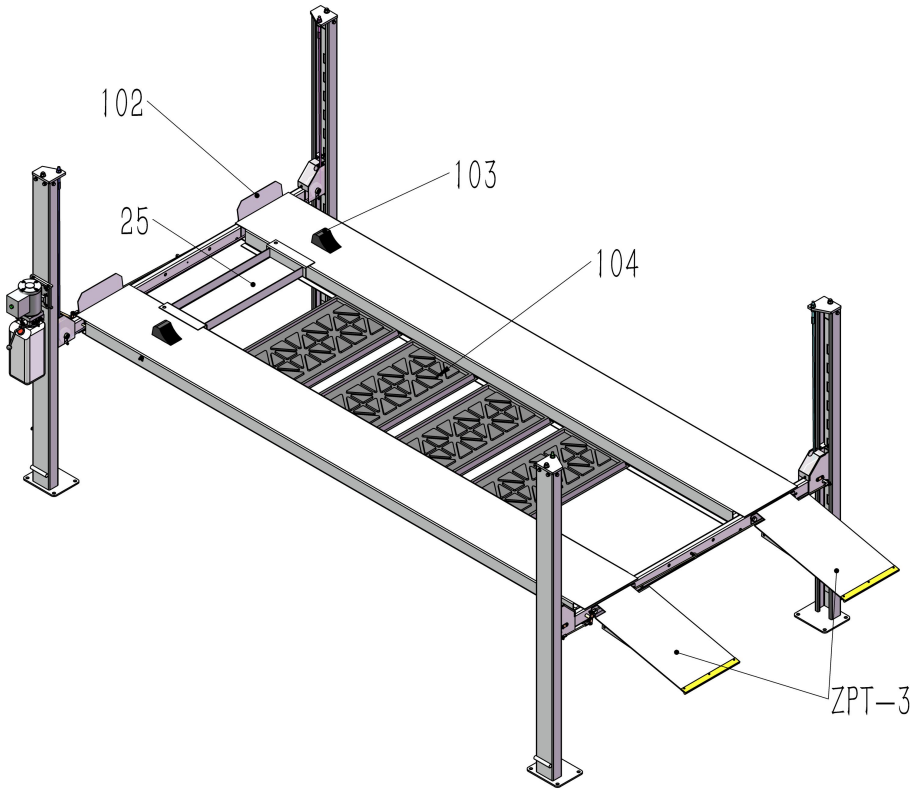
Assembly installation drawing

Z-5-5



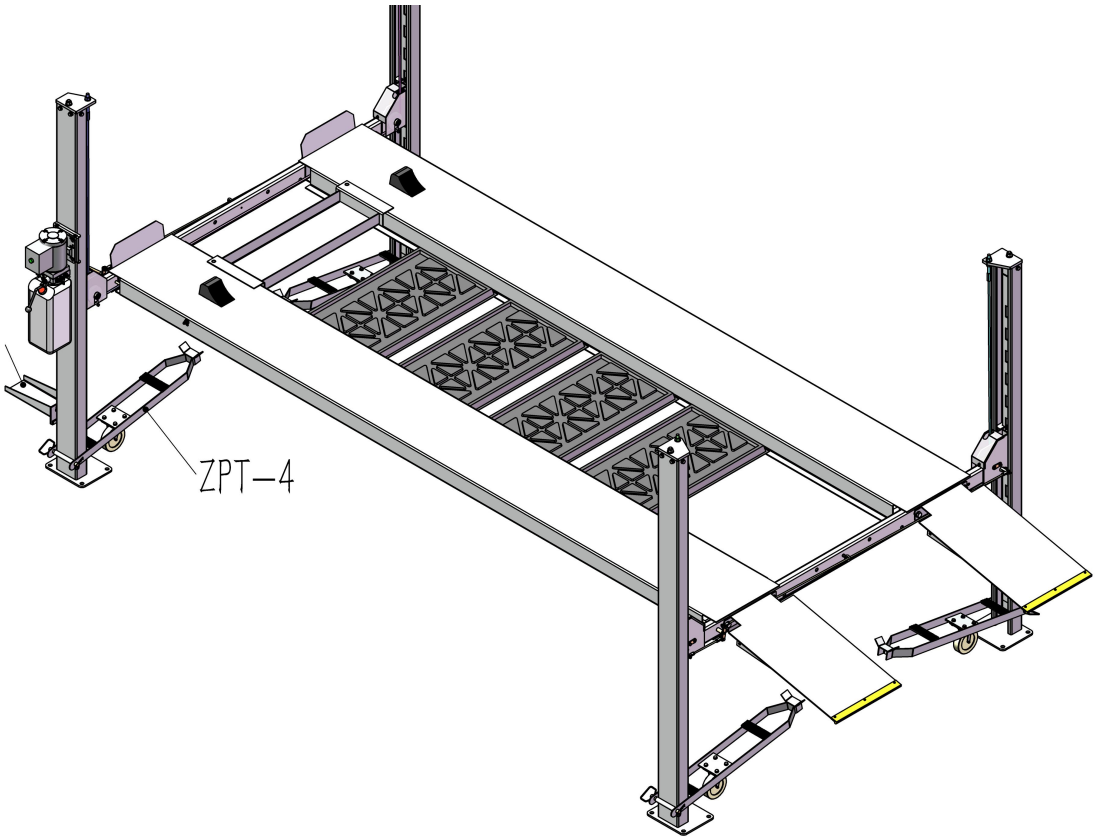
Assembly installation drawing

Z-6



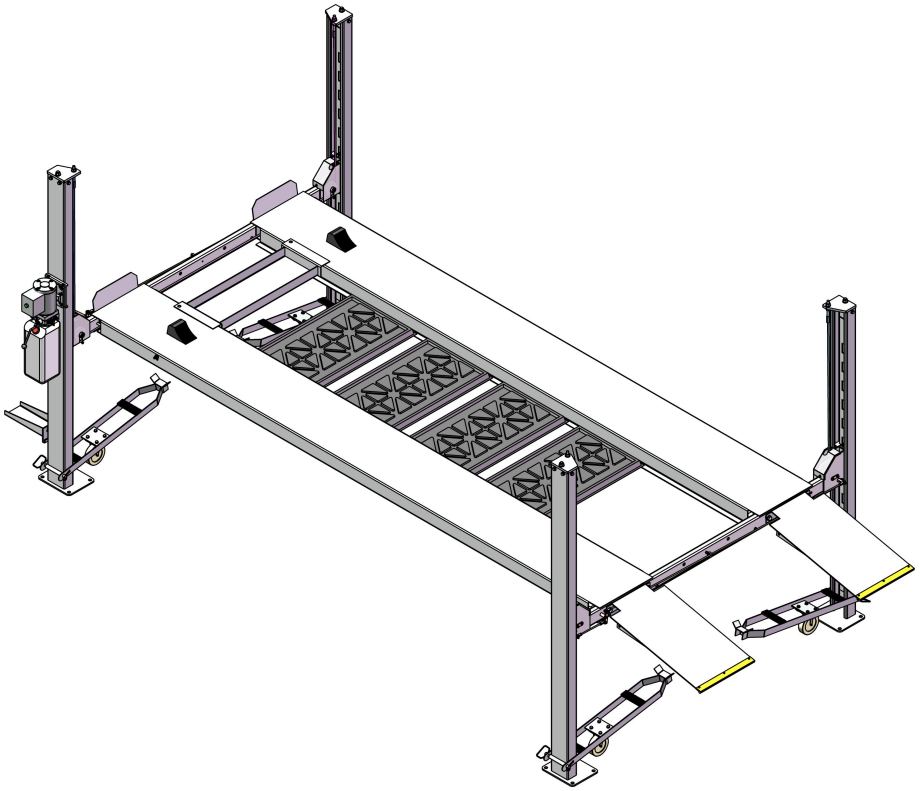
Assembly installation drawing

Z-7



Assembly installation drawing

Z-8



Parts list

Main serial number	Subserial number	product name	Quantity / machine
PP8HL 4-Column Lift Machine-Manual Edition			
welding portion			
1		Main column assembly	1
2		Sub-column assembly	3
3		Left assembly of the column cover plate	2
4		Right assembly of the column cover plate	2
5		Column cover sheet assembly	4
6		Main platform assembly	1
7		Sub-platform assembly	3
8		Oil cylinder growth rate wheel-axle assembly	1
9		Main Platform A rope wheel shaft assembly-single hole	2
10		Main platform B rope wheel shaft assembly-double holes	2
11		Linked assembly	8
12		The beam assembly	2
13		Left hand safe hook	2
14		The right hand moves the safe hook	2
15		Stop stop hook assembly	4
16		Cross-beam steel wire rope wheel shaft assembly	4
17		Left shield assembly	2
18		Right shield assembly	2
19		Insurance handle assembly	1
20		Safety rod assembly	1
21		Lrod connector assembly	1
22		Car board assembly	4
23		Mobile rack assembly	4
24		Mobile frame pin welding assembly	4
25		Tooldisc assembly	2
Standard parts			

Parts list

26		M5X15 round-head bolt	6
27		M615 round-head bolt	4
28		M620 flat-head screw	2
29		M810 tightening bolts	4
30		M815 outer hexagon bolt	12
31		M8X20 flat-head bolt	1
32		M8X30 external hexagonal bolt	4
33		M835 outer hexagon bolt	36
34		M850 outer hexagon bolt	4
35		M1030 external hexagonal bolt	16
36		M1230 external hexagonal bolt	16
37		M18100 external hexagonal bolt	16
38		Φ 5 flat pad	6
39		Φ 6 flat pad	6
40		Φ 8 flat pad	56
41		Φ 10 flat pad	32
42		Φ 12 flat pad	32
43		Φ 14 flat pad	1
44		Φ 18 flat pad	48
45		Φ 20 flat pad	20
46		Φ 25 flat pad	24
47		Φ 6 pad	6
48		Φ 8 pad	52
49		Φ 10 Bullet	16
50		Φ 12 Pack	16
51		Φ 18 Bullet Pad	16
52		M5 nut	6
53		M6 nut	2
54		M8 nut	14
55		M8 self-locking nut	16
56		M10 nut	16
57		M12 nut	18
58		M18 nut	32
59		M20 nut	8
Column assembly part			

Parts list

	1	Main column assembly	1
	2	Sub-column assembly	3
60		power unit	1
61		9 / 16 tip power unit connector	1
62		¢ 14 Copper seal gasket	1
	33	M835 outer hexagon bolt	4
	40	Φ 8 flat pad	8
	48	Φ 8 pad	4
	54	M8 nut	4
	3	Left assembly of the column cover plate	2
	4	Right assembly of the column cover plate	2
	36	M1230 external hexagonal bolt	16
	42	Φ 12 flat pad	32
	50	Φ 12 Pack	16
	57	M12 nut	16
	5	Column cover sheet assembly	4
	44	Φ 18 flat pad	16
	58	M18 nut	16
63		Foot al bracket (option)	1
Platform assembly part			
	6	Main platform assembly	1
	7	Sub-platform assembly	3
64		hydro-cylinder	1
65		General use for the cylinder tail shaft SH	1
66		Φ 35 card spring	2
67		Oil cylinder slider bracket	1
	30	M815 outer hexagon bolt	2
	48	Φ 8 pad	2
	40	Φ 8 flat pad	2
68		Oil cylinder slider	2
	28	M620 flat-head screw	2
	39	Φ 6 flat pad	2
	47	Φ 6 pad	2
	53	M6 nut	2
69		Growth wheel	4

Parts list

	8	Oil cylinder growth rate wheel-axle assembly	1
70		M10 butter mouth	1
	31	M8X20 flat-head bolt	1
71		A 90-degree ZG 3 / 8 internal and external connector	1
72		9 / 16 The tip	1
73		Double-head 9 / 16 pointed tubing is always bent	1
74		Double straight 9 / 16 tip live catch oil tubing	1
75		Right-angle elbow 9 / 16 tip	1
	43	Φ 14 flat pad	1
76		Bend nut	1
77		1 / 4 return oil pipe direct head	1
78		air tube	1
79		wire rope pulley	6
	46	Φ 25 flat pad	12
80		1-inch galvanized tube 18	2
81		1-inch galvanized tube 44	2
	9	Main Platform A rope wheel shaft assembly-single hole	2
	10	Main platform B rope wheel shaft assembly-double holes	2
	70	M10 butter mouth	4
82		Main platform wire rope lock plate	1
	30	M815 outer hexagon bolt	6
	40	Φ 8 flat pad	6
	48	Φ 8 pad	6
83		9.53, L1=7218	1
84		9.53, L2=8682	1
85		9.53, L3=11773	1
86		9.53, L4=13257	1
	59	M20 nut	8
	45	Φ 20 flat pad	8
	11	Linked assembly	8
	37	M18100 external hexagonal bolt	16
	44	Φ 18 flat pad	32
	51	Φ 18 Bullet Pad	16
	58	M18 nut	16

Parts list

The beam assembly part			
	12	The beam assembly	2
	13	Left hand safe hook	2
	14	The right hand moves the safe hook	2
	55	M8 self-locking nut	4
87		Bound axle	4
	45	Φ 20 flat pad	12
	15	Stop stop hook assembly	4
88		Stop fall hook limit wheel pin	4
89		Stop fall hook limit wheel	4
	40	Φ 8 flat pad	4
	48	Φ 8 pad	4
	55	M8 self-locking nut	4
90		Twist spring-left	2
91		Twist spring-right	2
92		A 6-minute galvanized pipe 17	4
93		Pull spring (∅ 1.6 ∅ 12 72)	8
	16	Cross-beam steel wire rope wheel shaft assembly	4
	30	M815 outer hexagon bolt	4
	40	Φ 8 flat pad	4
	48	Φ 8 pad	4
	46	Φ 25 flat pad	12
	78	wire rope pulley	4
94		The beam rope wheel is separated	4
	29	M810 tightening bolts	4
	70	M10 butter mouth	4
	34	M850 outer hexagon bolt	4
95		The beam slider	8
	33	M835 outer hexagon bolt	32
	40	Φ 8 flat pad	32
	48	Φ 8 pad	32
	17	Left shield assembly	2
	18	Right shield assembly	2
	27	M615 round-head bolt	4
	39	Φ 6 flat pad	4

Parts list

	47	Φ 6 pad	4
The whole machine assembly part			
	19	Insurance handle assembly	1
	20	Safety rod assembly	1
	21	Lrod connector assembly	1
	57	M12 nut	2
96		The safety rod is separated	2
97		Beam Unlock bar A-220	2
98		Beam unlock lever B-2160	2
99		M8 fish eye bearing	8
100		M8 ring bolt	4
	32	M8X30 external hexagonal bolt	4
	54	M8 nut	10
	55	M8 self-locking nut	8
	22	Car board assembly	4
101		Nylon slider	4
	26	M5X15 round-head bolt	6
	38	Φ 5 flat pad	6
	52	M5 nut	6
102		Fighter board	4
103		Rubber brake adhesive pad	2
	25	Tooldisc assembly	1
104		Plastic drip oil pan	4
	23	Mobile rack assembly	4
	24	Mobile frame pin welding assembly	4
105		Type R elastic pin	4
106		Φ 150	4
	35	M1030 external hexagonal bolt	16
	41	Φ 10 flat pad	32
	49	Φ 10 Bullet	16
	56	M10 nut	16
107		film	8

Hydraulic and electrical systems

Power-unit exploded view

Use the exploded view on page 56 to identify the hydraulic power unit components.

Hydraulic circuit

The schematic on page 57 shows the hydraulic circuit and its component references.

Electrical circuit

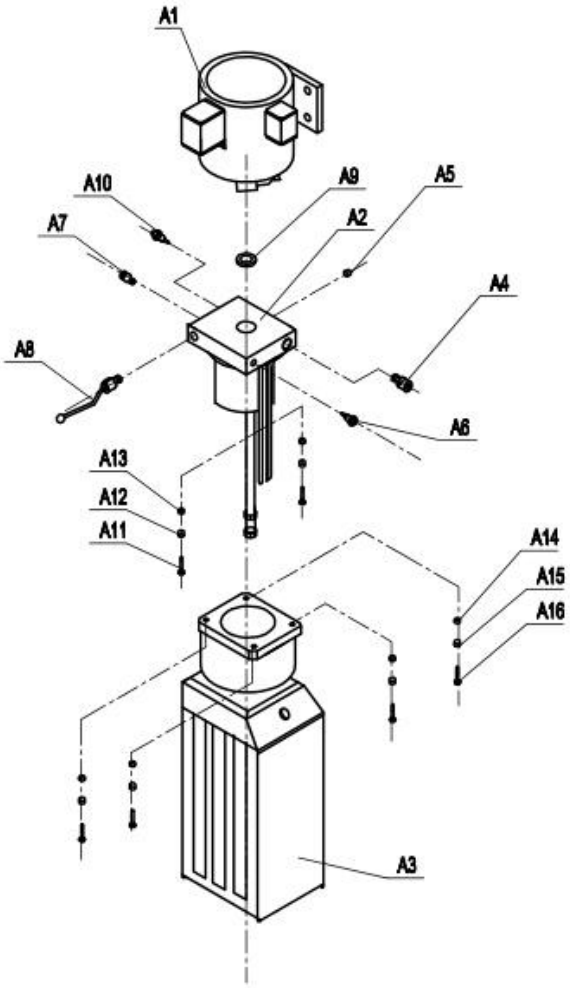
The electrical reference on page 58 applies to the 110V, single-phase power unit. The motor is rated at 1 HP and is supplied with a prewired three-prong plug.

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.

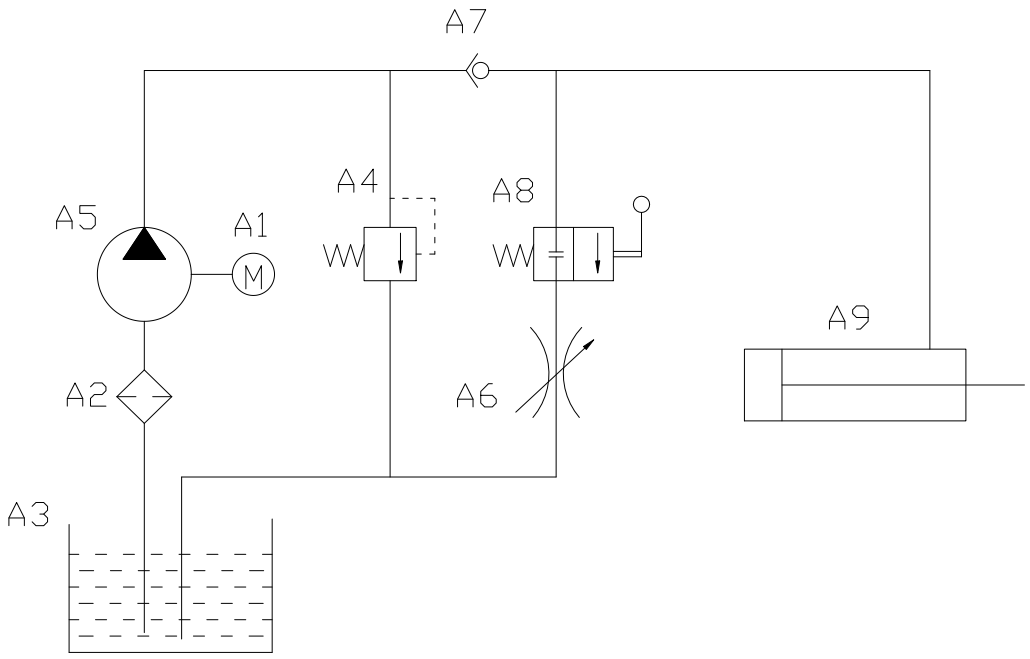
> **QUALIFIED SERVICE ONLY**
>
> Unplug the power unit before inspecting or servicing electrical components. Electrical repairs must be performed by a qualified electrician. Do not modify the prewired plug or bypass the grounding connection.

Power-unit components



order number	name	quantity	order number	name	quantity
A1	electric motor	1	A9	gland	1
A2	spool	1	A10	bulkhead	1
A3	fuel tank	1	A11	M5X40 external hexagon screw	4
A4	Drop the speed regulating valve	1	A12	Φ 5 flat pad	4
A5	bulkhead	1	A13	Φ 5 pad	4
A6	oil-out	1	A14	M6X20 external hexagon screw	4
A7	oil-out	1	A15	Φ 6 flat pad	4
A8	Hand pull valve	1	A16	Φ 6 pad	4

Hydraulic schematic

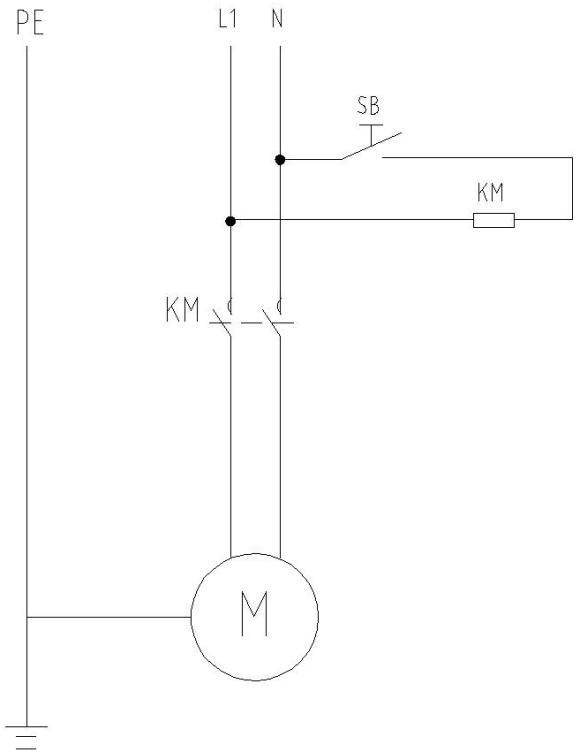


order number	name	quantity	order number	name	quantity
A1	electric motor	1	A9	gland	1
A2	spool	1	A10	bulkhead	1
A3	fuel tank	1	A11	M5X40 external hexagon screw	4
A4	Drop the speed regulating valve	1	A12	Φ 5 flat pad	4
A5	bulkhead	1	A13	Φ 5 pad	4
A6	oil-out	1	A14	M6X20 external hexagon screw	4
A7	oil-out	1	A15	Φ 6 flat pad	4
A8	Hand pull valve	1	A16	Φ 6 pad	4

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	REFERENCE	QTY
SB	Momentary pushbutton	LXW5-11M/L	1
KM	AC contactor	Factory-installed contactor	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

		Boating parts	
installation site	order number	product name	Quantity / machine
power unit	33	M835 outer hexagon bolt	4
power unit	40	Φ 8 flat pad	8
power unit	48	Φ 8 pad	4
power unit	54	M8 nut	4
Column cover plate	36	M1230 external hexagonal bolt	16
Column cover plate	42	Φ 12 flat pad	32
Column cover plate	50	Φ 12 Pack	16
Column cover plate	57	M12 nut	16
power unit	61	9 / 16 tip power unit connector	1
power unit	62	℄ 14 Copper seal gasket	1
power unit	73	Double-head 9 / 16 pointed tubing is always bent	1
fixed platform	37	M18100 external hexagonal bolt	16
fixed platform	44	Φ 18 flat pad	32
fixed platform	51	Φ 18 Bullet Pad	16
fixed platform	58	M18 nut	16
terrace	103	Rubber brake adhesive pad	2
parts and components	70	M10 butter mouth	9
parts and components	97	Beam Unlock bar A-220	2

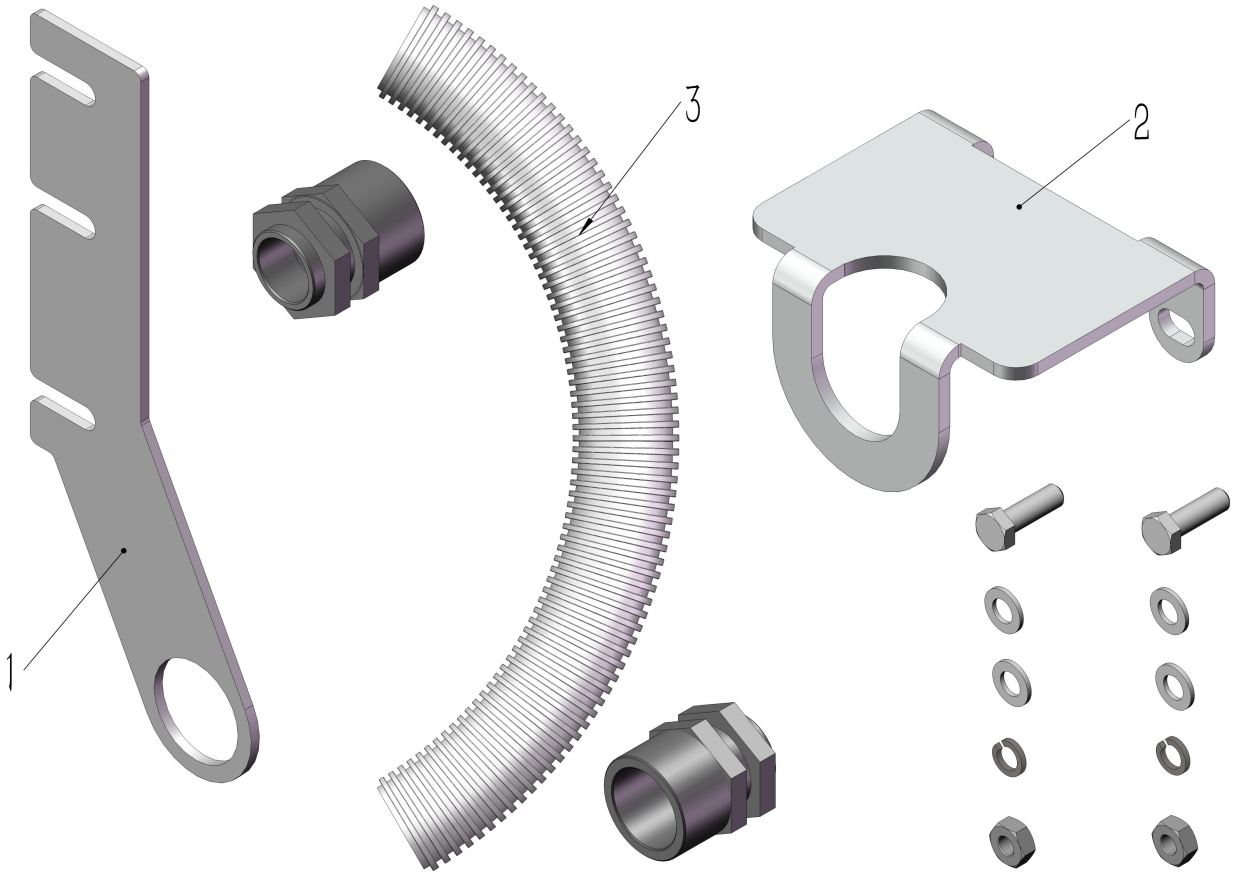
Wear parts

		quick-wear part	
installation site	order number	product name	Quantity machine
hydro-cylinder	68	Oil cylinder slider	2
hydro-cylinder	69	Growth wheel	4
Platform beam	79	wire rope pulley	6
terrace	83	9.53, L1=7218	1
terrace	84	9.53, L2=8682	1
terrace	85	9.53, L3=11773	1
terrace	86	9.53, L4=13257	1
crossbeam	95	The beam slider	8
Get on the board	101	Nylon slider	4
parts and components	103	Rubber brake adhesive pad	2
parts and components	104	Plastic drip oil pan	4
Mobile frame	106	Φ 150	4
Mobile frame	107	film	8

Protective hose sleeve

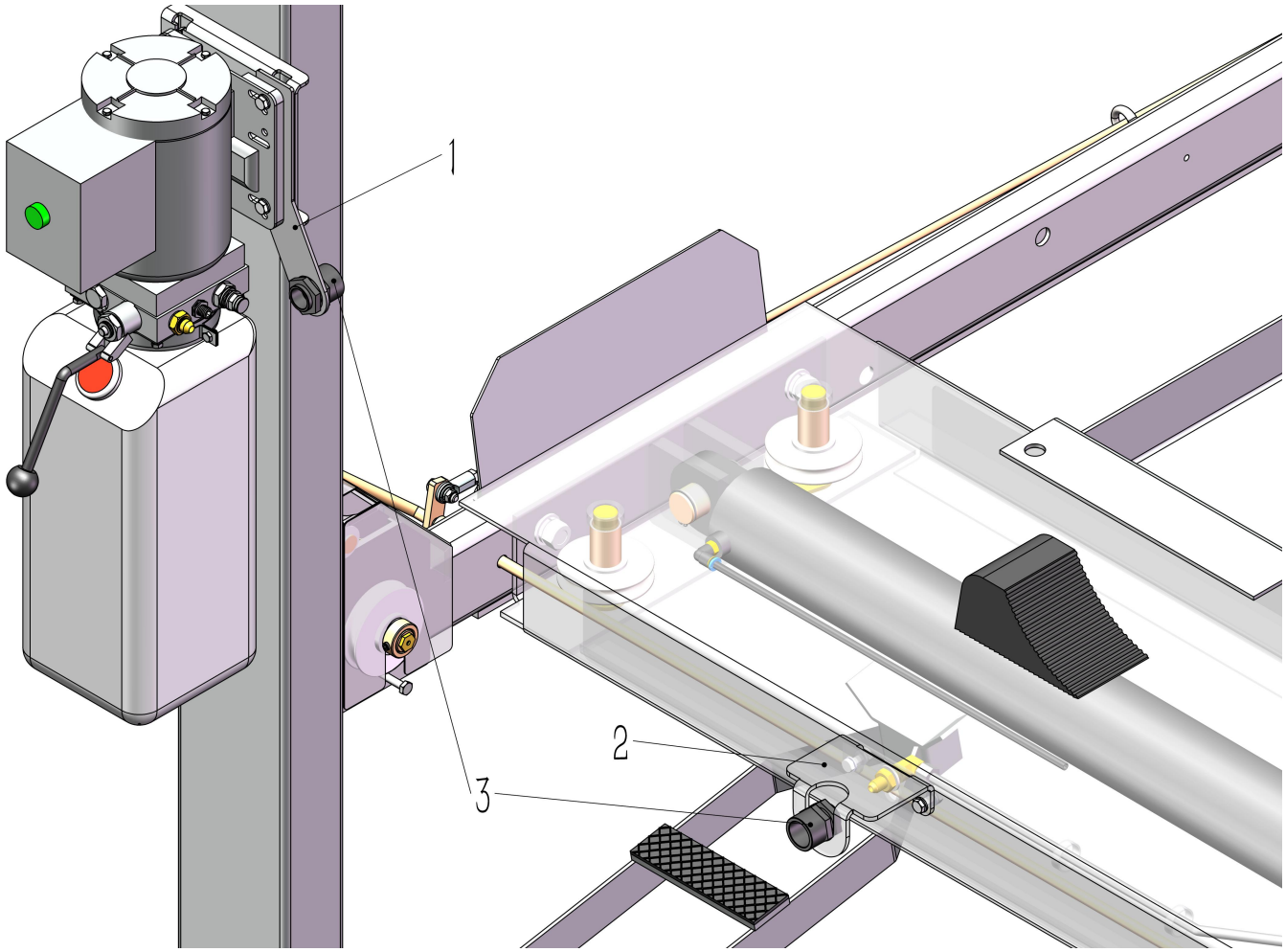
Install the protective corrugated sleeve when supplied or specified for the hydraulic hose.

- Fit the column mounting plate with the power unit.
- Fit the runway mounting plate during runway installation. Use two M8 x 25 hex-head bolts, four flat washers, two spring washers, and two nuts.
- Fit the two sleeve connectors. See the component drawing below and the installed routing on page 63.



Protective sleeve routing

Use the illustration below to locate the sleeve brackets and follow the required hose routing.



FINAL CHECK

Confirm the hose and sleeve are secure and are not pinched, stretched, or rubbing against moving components throughout the lift travel.

For service assistance, contact Quick Lift USA. Provide the model number, serial number, and the relevant drawing or component reference.