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RWS 10

Teknisk Data RWS 10

Benämning	RWS 10/1600	RWS10/3000
Kapacitet	1000	1000
Lastcentrum mm	600	600
Max lyfthöjd mm	1600	3000
Min.Gaffelhöjd mm	85	85
Svängradie mm	1660	1660
Åkhastighet med/utan last km/h	4,5/4,8	4,5/4,8
Vikt inkl.batteri kg	720	1070
Totallängd mm	1906	1906
Totalbredd mm	850	850
Masthöjd max mm	2295	3694
Masthöjd min mm	1380	2100
Gaffellängd mm	1150	1150
Gaffelbredd mm	520	520
Drivmotor V/km	24/1,1	24/1,1
Lyftmotor V/km	24/3,0	24/3,0
Batteri V/ah	24/85	24/85
Laddare	Extern 11 ah/24 V	Extern 11 ah/24 V

PARTS ORDERING INSTRUCTIONS

HOW TO ORDER

When you order, supply the part number, quantity, model and serial numbers of your machine. Supplying this information will assure prompt, efficient handling of your order.

WHERE TO ORDER

Since your dealer carries many parts in stock and maintains up-to-date prices on all parts, he will be able to process your order immediately. If, for some reason, the part is not in stock, he will order it from the factory. In either event, he maintains a current file of service manuals, which give all available parts ordering or technical information.

INSTRUCTIONS FOR RETURNING PARTS

Always order parts from the dealer who sold you your **EP**. If it is necessary for the dealer to order parts from the factory, he is able to get prompt service for you. Parts are shipped in accordance with shipping instructions given on the order.

Under NO CIRCUMSTANCES will parts be accepted at the factory for credit without prior approval. EP cannot accept responsibility for parts returned without authorization.

CHANGES

If you have some parts which must be returned, contact your dealer. If he believes parts should be returned, he will arrange for authorization to return the parts.

PART LIST

When changes are made to the machine, revised pages for this manual will be issued. These pages must be inserted in your parts manual as soon as they are received. Failure to keep your parts manuals up to date will result in confusion and may cause you to order wrong parts.

The **ITEM#**, describes the item on the figure you are looking at. The **PART#** is a numerical description of the item and the part ordering number. The **NAME** is a description of the part number in alphabetical form. The **#FOR ASSY.** is the quantity used on the machine.

Catalog

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Fig. 1 Steering control system

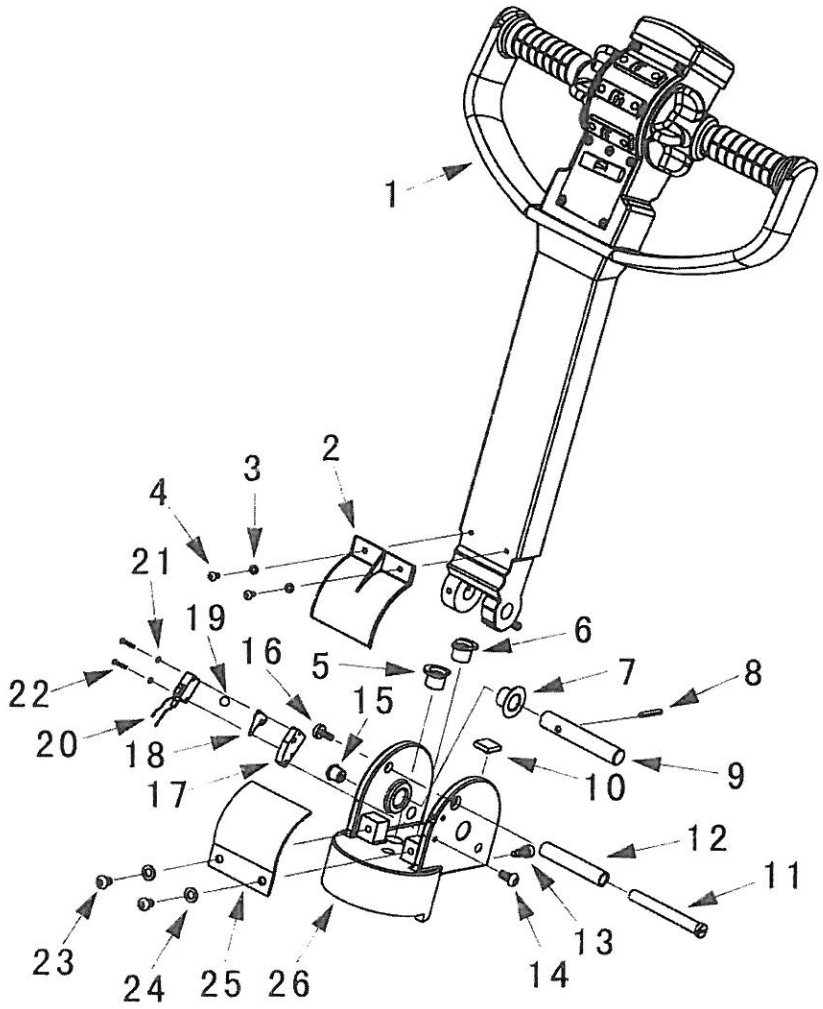


Fig. 1 Steering control system

ITEM #	PART#	NAME	#FOR ASSY.
1	2000500002	Handle assembly	1
2	2000508001	Outer covering plate	1
3	2000537002	Washer	2
4	2000541002	Screw	2
5	2000534004	Rubber sleeve	2
6	2000534005	Rubber sleeve	1
7	2000512002	Lubricated bush	2
8	2000536001	Spring pin	1
9	2000513001	Pin shaft	1
10	2000534003	Rubber washer	1
11	2000513003	Pin shaft	1
12	2000534002	Rubber sleeve	1
13	2000231001	Screw	2
14	2000541004	Screw	2
15	2000334001	Plug	1
16	2000525004	Screw	1
17	2000535004	Installing plate	1
18	2000509002	Fastening sheet	1
19	2000504001	Steel ball	1
20	2000507004	Inching switch	1
21	2000537003	Washer	2
22	2000541001	Screw	2

Fig. 2 Handle assembly

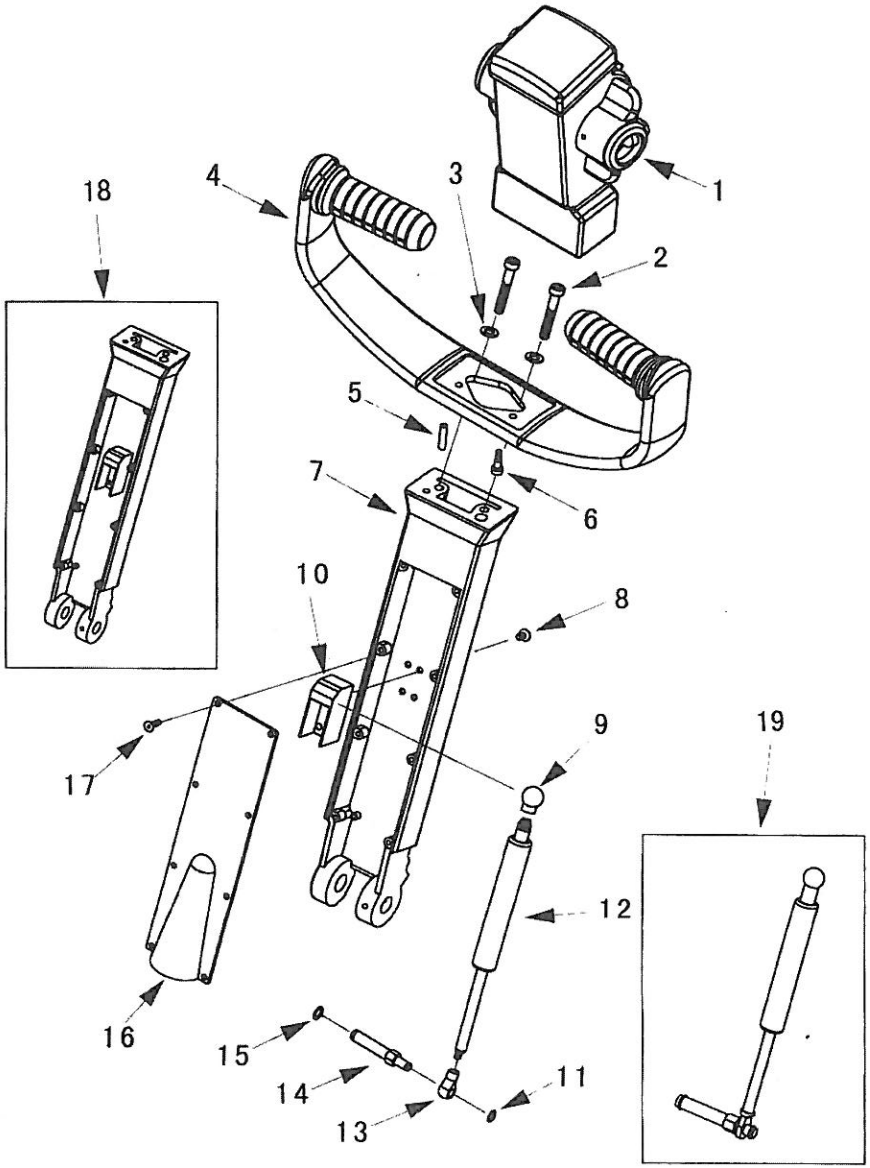


Fig. 2 Handle assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	1000500001	Switch box assembly	1
2	2000931006	Screw	2
3	2000537001	Washer	2
4	2000517001	Handle	1
5	1000536001	Spring pin	1
6	1000538002	Screw	1
7	2000517002	Aluminum handle tube	1
8	2000442001	Screw	1
9	2000525012	Joint	1
10	6000502002	Fastness	1
11	2000527002	Snap ring	2
12	2000519006	Pneumatic spring complete	1
13	2000525008	Joint	1
14	2000525006	Shaft	1
15	1000527001	Snap ring	1
16	2000511001	Covering plate	1
17	2000542001	Screw	8
18	2000500007	Aluminum handle tube assembly	1
19	2000500009	Pneumatic spring complete assembly	1

Fig. 3 Switch box assembly

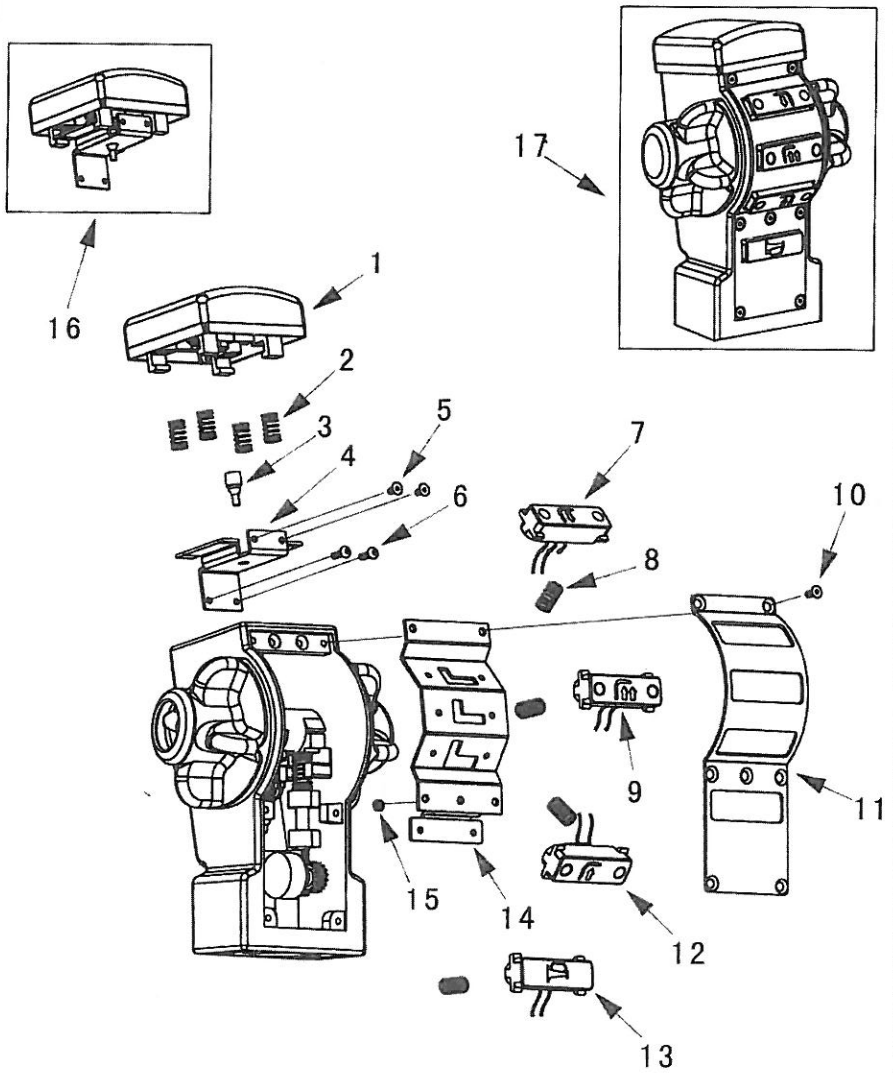


Fig. 3 Switch box assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	1000540001	Emergency reverser button	1
2	2000519002	Spring	4
3	2000540001	Rubber contact	1
4	2000518001	Fastening plate	1
5	2000542003	Screw	2
6	2001141005	Screw	2
7	1000540002	Button for lifting	1
8	2000519003	Spring	6
9	2000540008	Button for fast lowering	1
10	2000542003	Screw	7
11	2000509003	Cover	1
12	1000540003	Button for lowering	1
13	1000540004	Horn button	1
14	2000518005	Supporting plate	1
15	2000539001	Nut	1
16	1000540001	Emergency reverser button assembly	1
17	2000500003	Switch box assembly	1

Fig. 4 Switch box assembly

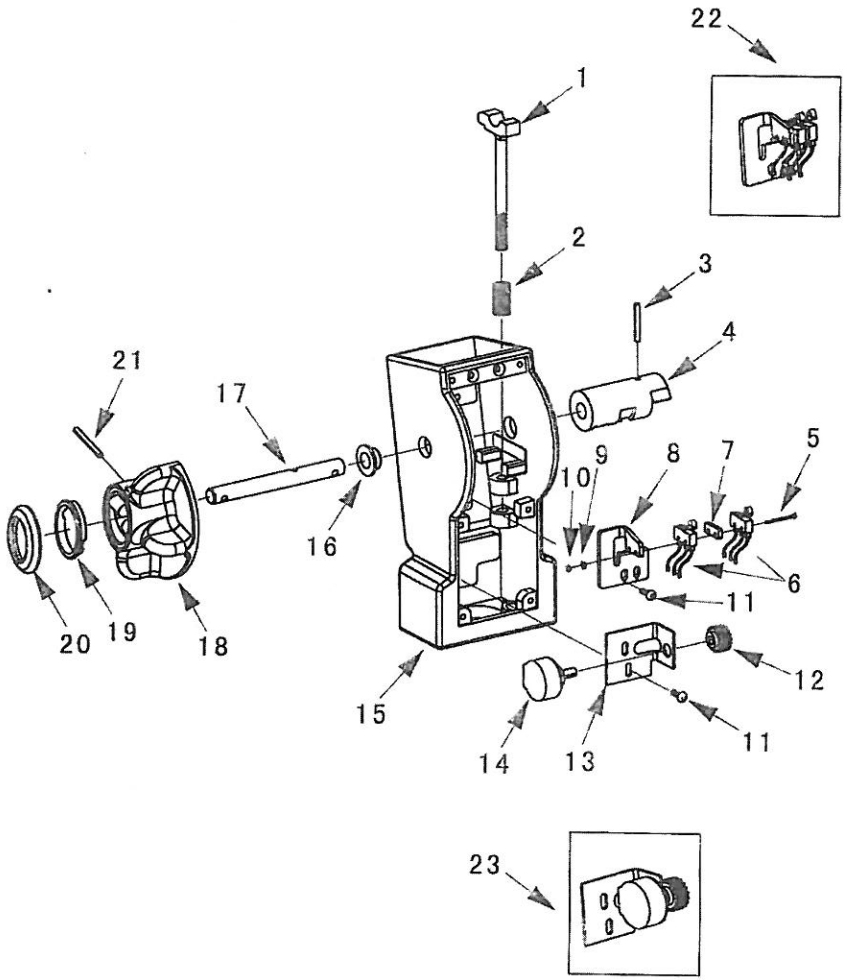


Fig. 4 Switch box assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	2000501004	Rack	1
2	2000519004	Spring	1
3	2000536011	Spring pin	1
4	2000501005	Cam	1
5	2000538005	Screw	2
6	2000507003	Inching switch	2
7	2000535001	Isolate block	1
8	2000518003	Fastening bracket	1
9	1000504001	Washer	4
10	2000539002	Nut	2
11	2001141005	Screw	4
12	2000521001	Gear	1
13	2000518004	Fastening bracket	1
14	2000507007	Potentiometer	1
15	1000529001	Switch box	1
16	2000512001	Copper sleeve	2
17	2000513002	Cam shaft	1
18	2000540005	Control knob	2
19	2000535003	Connecting washer	2
20	2000534001	Cover	2
21	2000536012	Spring pin	2
22	1000500003	Inching switch assembly	1
23	1000500004	Potentiometer assembly	1

Fig.5 Driving system

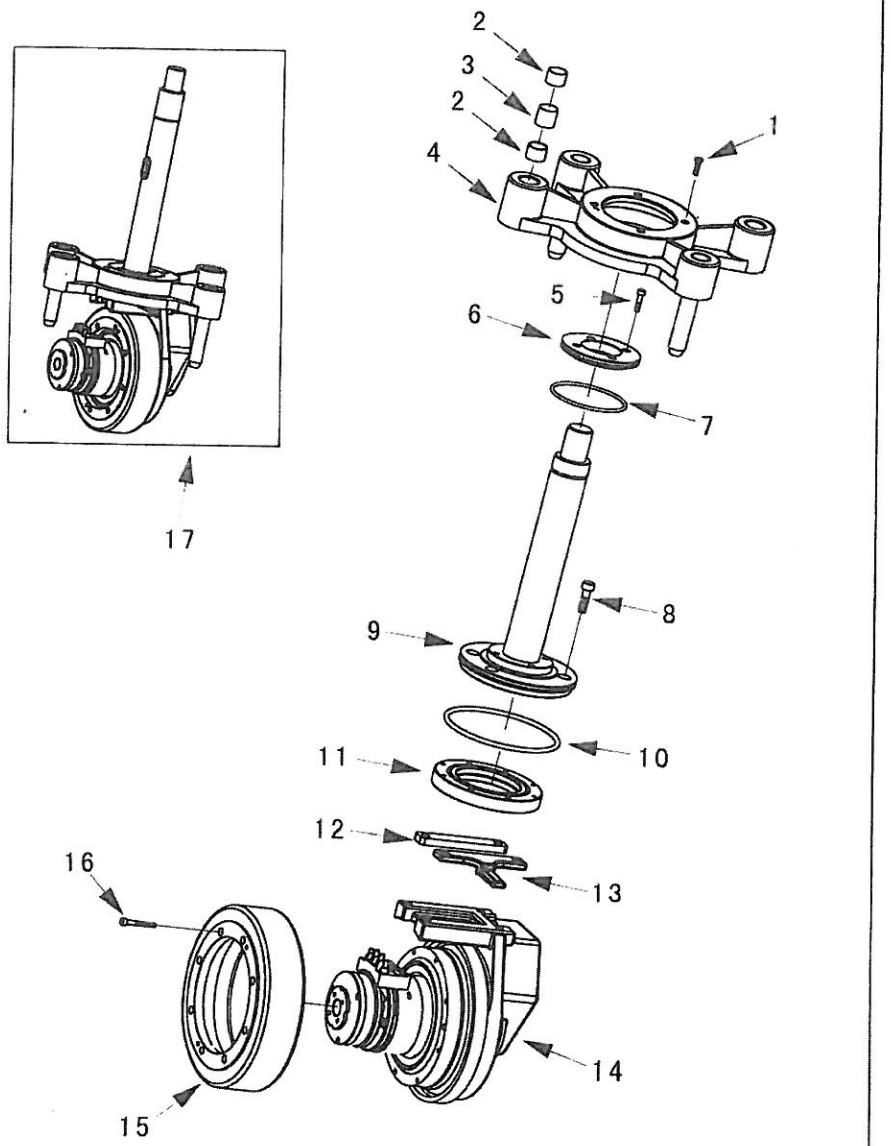


Fig.5 Driving system

ITEM #	PART#	NAME	#FOR ASSY.
1	6000141005	Screw	4
2	2000212001	Bearing	4
3	2900112001	Screw	2
4	2900302001	Position	1
5	2000831001	Screw	4
6	6001210002	Seating	1
7	6001280001	O-ring	1
8	2000131001	Screw	4
9	6001201002	Link disk	1
10	6000128002	O-ring	1
11	6001220001	Bearing	1
12	6001202003	Supporting plate	1
13	6001202001	Position plate	1
14	6000100001	Gear box assembly	1
15	6000332001	Drive wheel assembly	1
16	6001310001	Screw	8
17	2900300001	Gear-motor assembly	1

Fig. 6 Gear box assembly

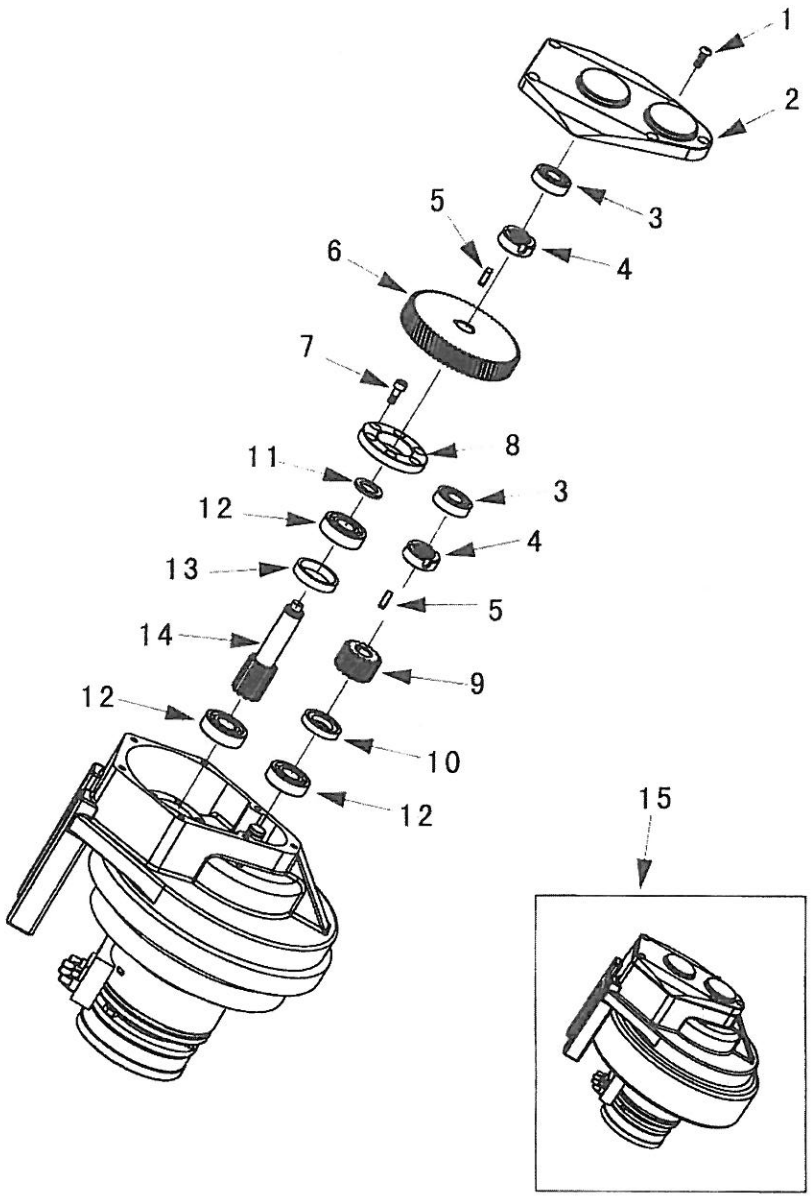


Fig. 6 Gear box assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	2000931001	Screw	5
2	6000111002	Side cover	1
3	2900120001	Bearing	2
4	6000112001	Nut	2
5	2001435001	Flat key	2
6	6000121006	Gear	1
7	4000831001	Screw	6
8	6001211001	cover	1
9	6000121007	Gear	1
10	6000105002	Seal washer	1
11	6000137003	Washer	1
12	6000120001	Bearing	3
13	6000137002	Bearing sleeve	1
14	6000121008	Gear	1
15	2900300002	Gear box assembly	1

Fig. 7 Gear box assembly

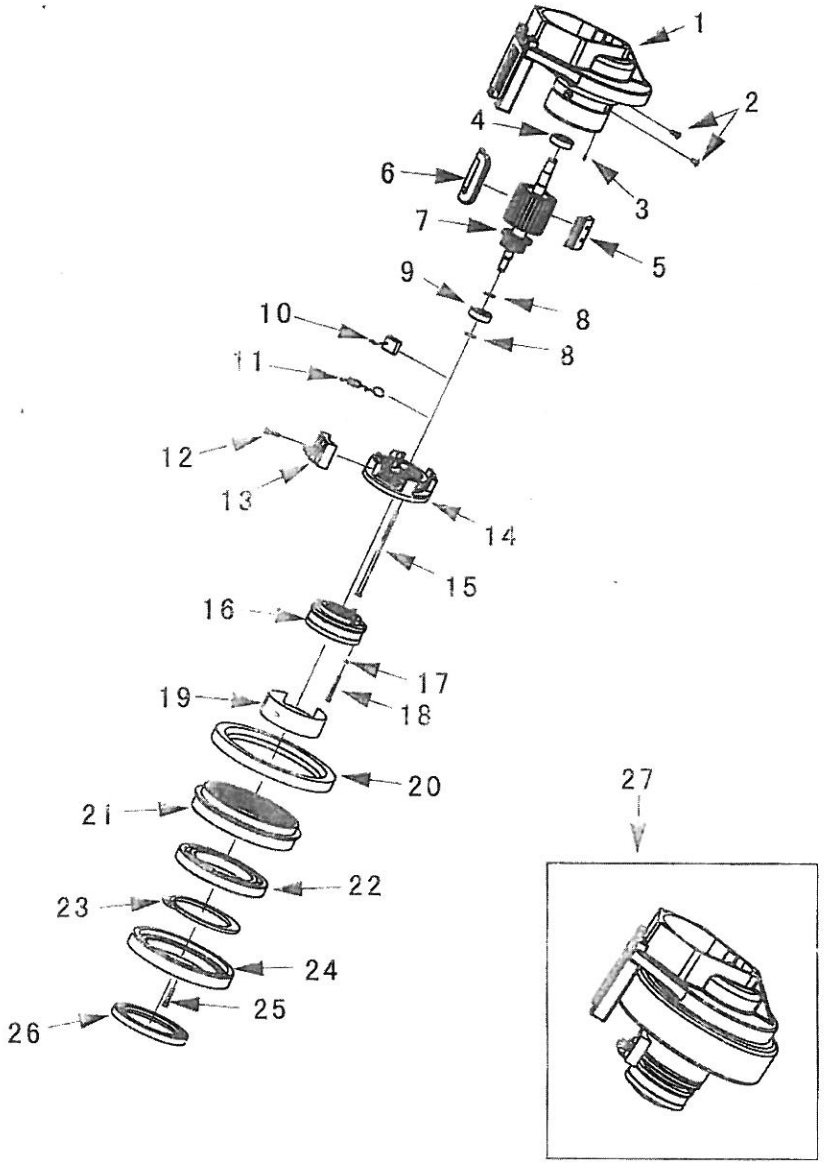


Fig. 7 Gear box assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	6000126003	Gear box body	1
2	6001420001	Screw	8
3	6001433001	Pin	1
4	6000120001	Bearing	1
5	6001402001	Stator	4
6	6001400001	Bobbin	1
7	6001400002	Rotor	1
8	6001427001	Snap ring	2
9	6001420001	Bearing	1
10	6001407001	Carbon brush	4
11	6001419001	Spring	1
12	6000131005	Screw	1
13	6001407002	Junction socket	1
14	6001400012	Top cover	1
15	6001425001	Screw	2
16	6001400003	Motor brake device	1
17	2001437006	Circlip	3
18	6000131006	Screw	3
19	6001409001	Protection plate	1
20	6000105001	Seal washer	1
21	6000121005	Gear	1
22	6000120003	Bearing	1
23	6000127002	Snap ring	1
24	6000110003	Link disk	1
25	6000131007	Screw	8
26	6000105003	Seal washer	1
27	2901400001	Motor	1

Fig. 8 Motor brake device

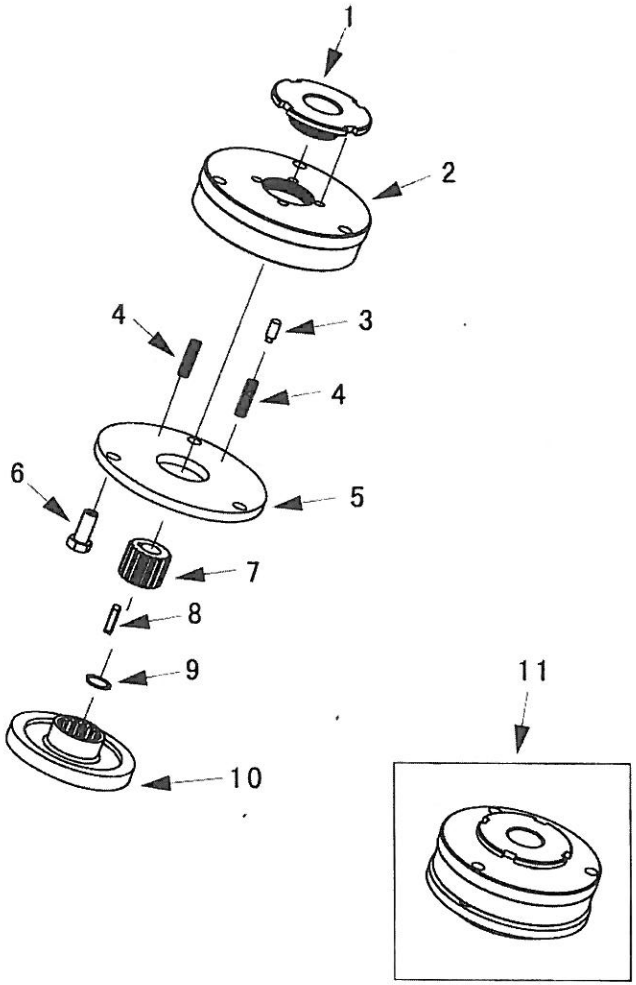


Fig. 8 Motor brake device

ITEM #	PART#	NAME	#FOR ASSY.
1	6001011001	Adjusting nut	1
2	6001400004	Brake socket	1
3	6001033001	Adjusting block	4
4	6001019002	Spring	7
5	6001002001	Brake component	1
6	6001025001	Bolt	3
7	6001021001	Sleeve	1
8	6001433002	Flat key	1
9	6001427002	Snap ring	1
10	6001002002	Brake disk	1
11	6001400003	Motor brake device	1

Fig. 9 Hydraulic system

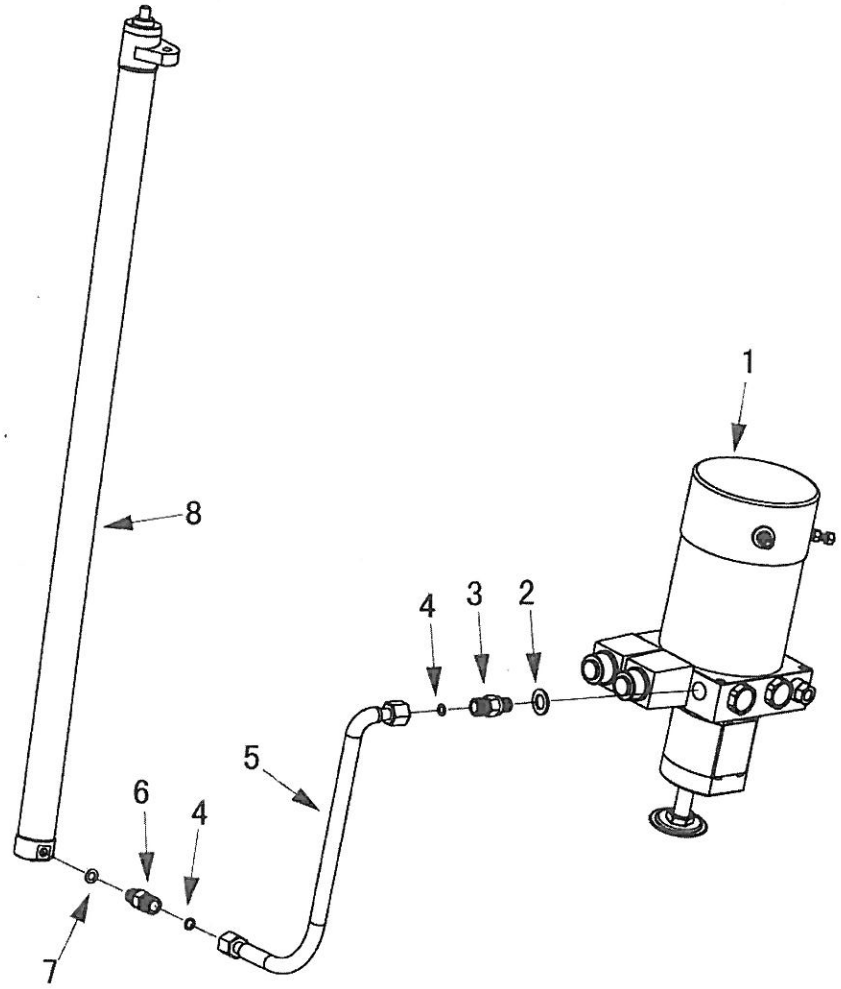


Fig. 9 Hydraulic system

ITEM #	PART#	NAME	#FOR ASSY.
1	2900600001	Hydraulic power unit	1
2	2000603011	Washer	1
3	5200614001	Joint	4
4	1000628002	O-ring	4
5	2900614004	Soft oil-pipe	1
6	2900603001	Joint	1
7	2000603010	Washer	1
8	2900603005	Cylinder assembly(3.0)	1
	2900603004	Cylinder assembly(3.3)	1

Fig. 10 Hydraulic power unit

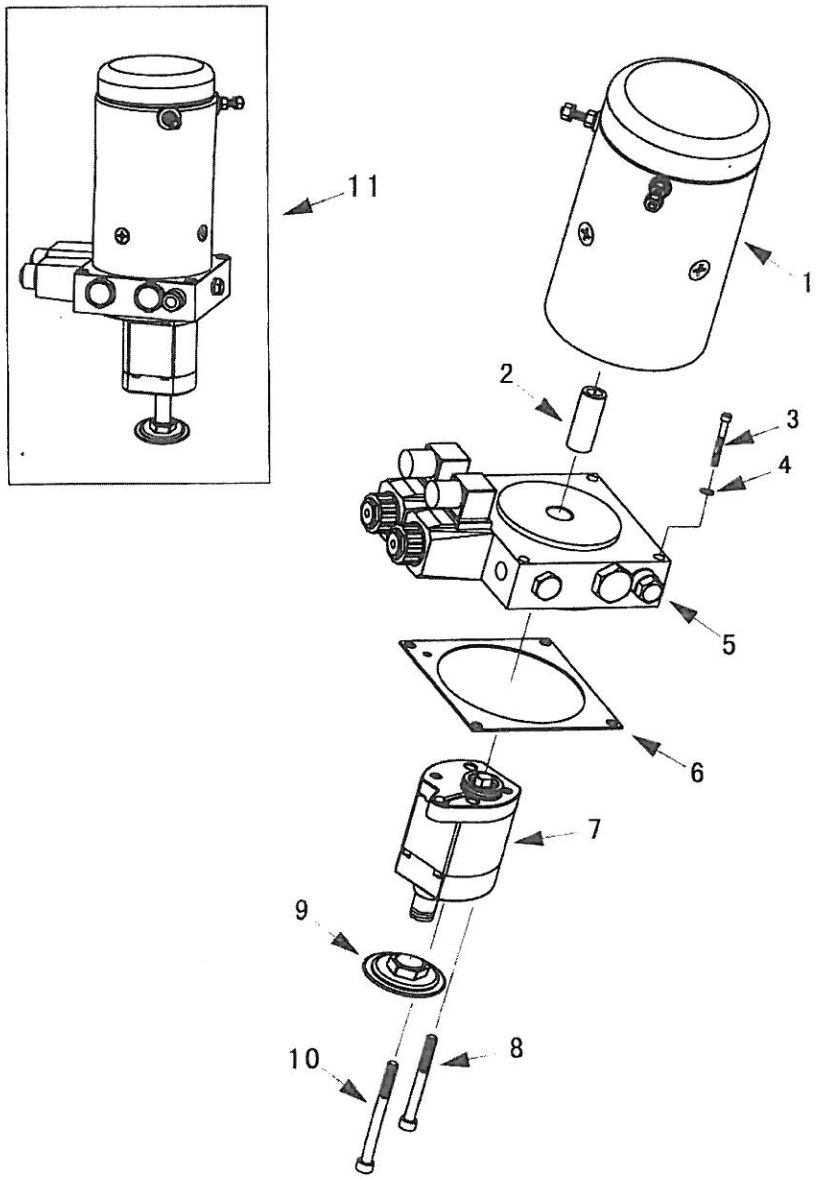


Fig. 10 Hydraulic power unit

ITEM #	PART#	NAME	#FOR ASSY.
1	1001400001	Hydraulic motor	1
2	2000612004	Connecting bearing sleeve	1
3	2800631003	Screw	4
4	2001037001	Washer	4
5	2800600004	Valve assembly	1
6	2000605005	Gasket	1
7	2900600002	Oil pump	1
8	2800631001	Screw	2
9	2000603022	Filter	1
10	2800631002	Screw	2
11	2900600001	Hydraulic power	1

Fig. 11 Oil pump

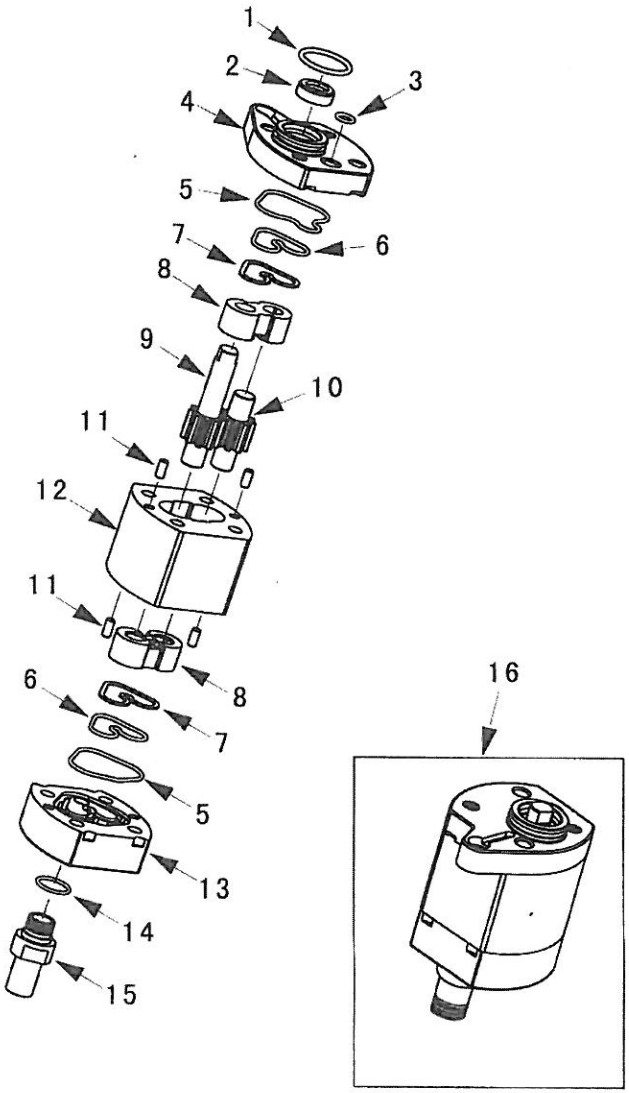


Fig. 11 Oil pump

ITEM. #	PART#	NAME	#FOR ASSY.
1	2000628001	O-ring	1
2	2000605001	Seal washer	1
3	2000628002	O-ring	1
4	2000611005	Oil out cover	1
5	2000628016	O-ring	2
6	2000628017	O-ring	2
7	2000605002	O-ring protection washer	2
8	2000612007	Oil discharge block	2
9	2800621001	Drive gear	1
10	2800621002	Driven gear	1
11	2000633001	Pin	4
12	2800629001	Pump body	1
13	2000611006	Oil feed cover	1
14	2000628019	O-ring	1
15	2900614003	Oil suction pipe	1
16	2900600002	Oilpump	1

Fig. 12 Valve assembly

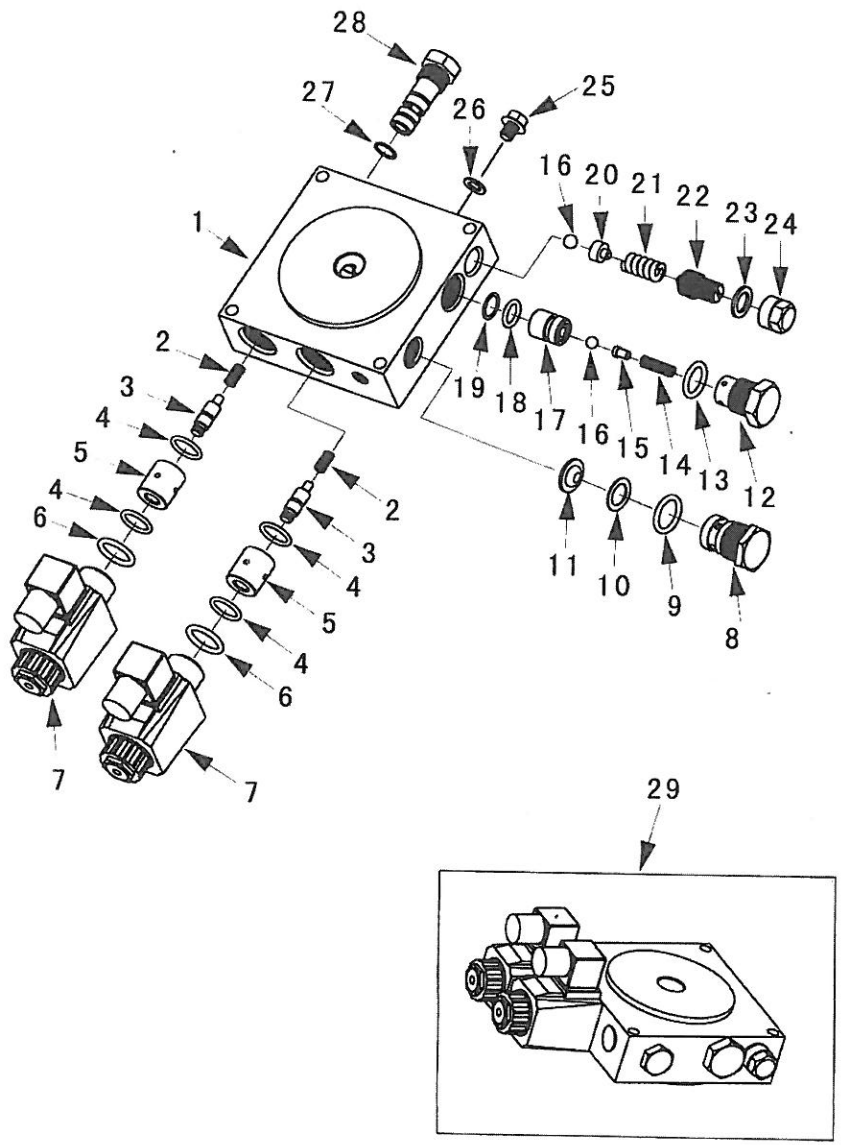


Fig. 12 Valve assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	2800603001	Valve body	1
2	2000619001	Spring	2
3	2000603003	Core of slide valve	2
4	2000628007	O-ring	4
5	2000603002	Slide valve sleeve	2
6	2000628008	O-ring	2
7	2000603018	Electromagnetic coil	2
8	1000603003	Plug	1
9	2000628018	O-ring	1
10	2000637005	Washer	1
11	2000634002	Filter net	1
12	2000603005	Valve holder	1
13	2000628009	O-ring	1
14	2000619003	Spring	1
15	2000613001	Spring socket	1
16	2000604001	Steel ball	2
17	2000603004	Valve sleeve	1
18	2000628010	O-ring	1
19	2000634001	O-ring protection washer	1
20	2000603009	Spring socket	1
21	2000619002	Spring	1
22	2000603007	Pressure adjusting bolt	1
23	2000637002	Washer	1
24	2000603008	Nut	1
25	2000630001	Bolt	2
26	2000637001	Washer	1
27	2000628014	O-ring	1
28	2000625003	Plug	1
29	2800600004	Valve assembly	1

Fig. 13 Frame assy-outer

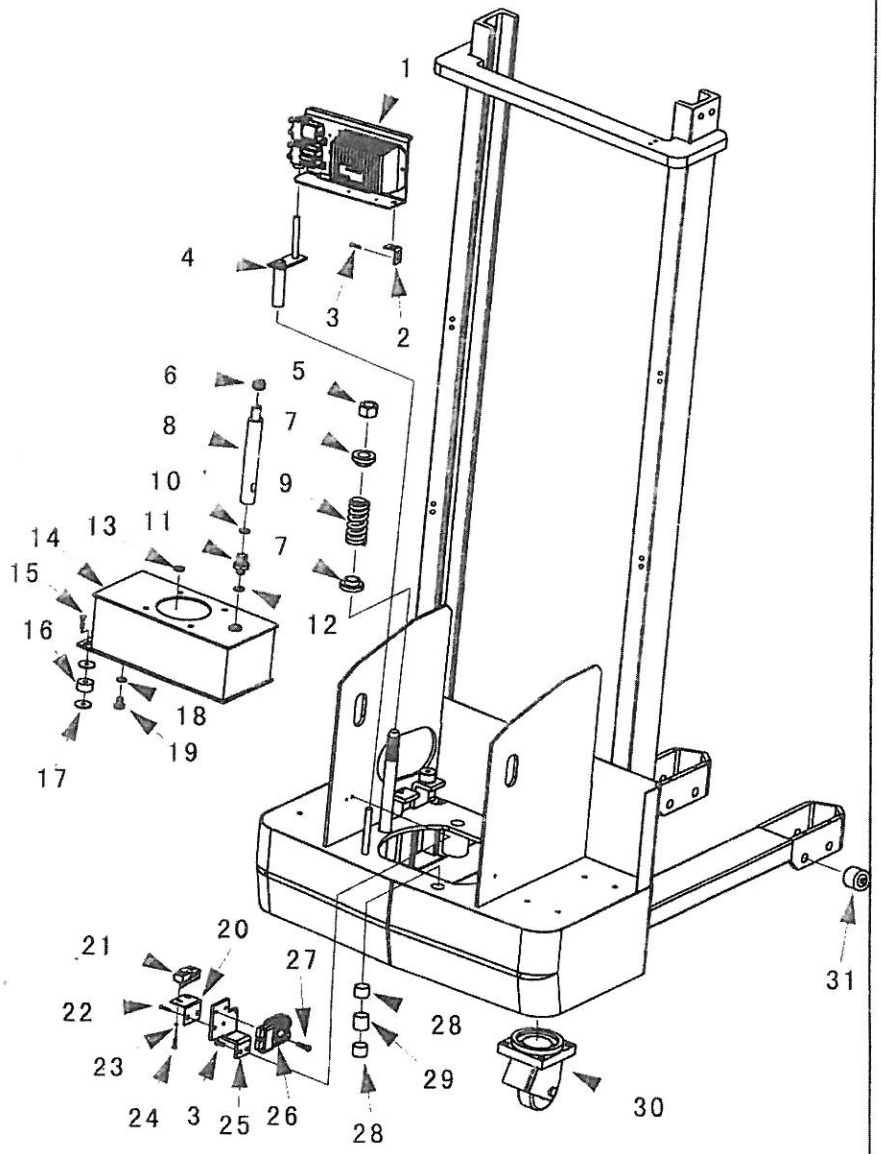


Fig. 13 Frame assy-outer

ITEM #	PART#	NAME	#FOR ASSY.
1	2900400001	Electric panel assembly	1
2	2900418001	Electric panel seat	1
3	1000441005	Screw	1
4	2900713001	Shaft	1
5	2900739001	Nut	2
6	2000600019	Oil-pipe cover	1
7	2900112003	Spring seat	4
8	2000612008	Hard oil-pipe	1
9	2900319001	Spring	2
10	2500612001	Washer	1
11	2000615001	Jiont	2
12	2000603010	Washer	1
13	2000602003	Magnet	1
14	2900603001	Oil tank	1
15	2000931006	Screw	2
16	2000712005	Rubber Washer	4
17	2000737001	Washer	8
18	2000603010	Washer	1
19	2000625001	Oil plug	1
20	6000435001	Inching switch seat	1
21	6000407001	Inching switch	1
22	2001141005	Screw	2
23	2000537003	Washer	4
24	1000441007	Screw	4
25	2900718002	Inching switch seat	1
26	2001107001	Socket	1
27	6001141001	Screw	2
28	2000212001	Bearing	4
29	2900112001	Sleeve	2
30	2901200001	Balance wheel assembly	2
31	2000300003	Front wheel assembly	4

Fig. 14 Mast assy-outer

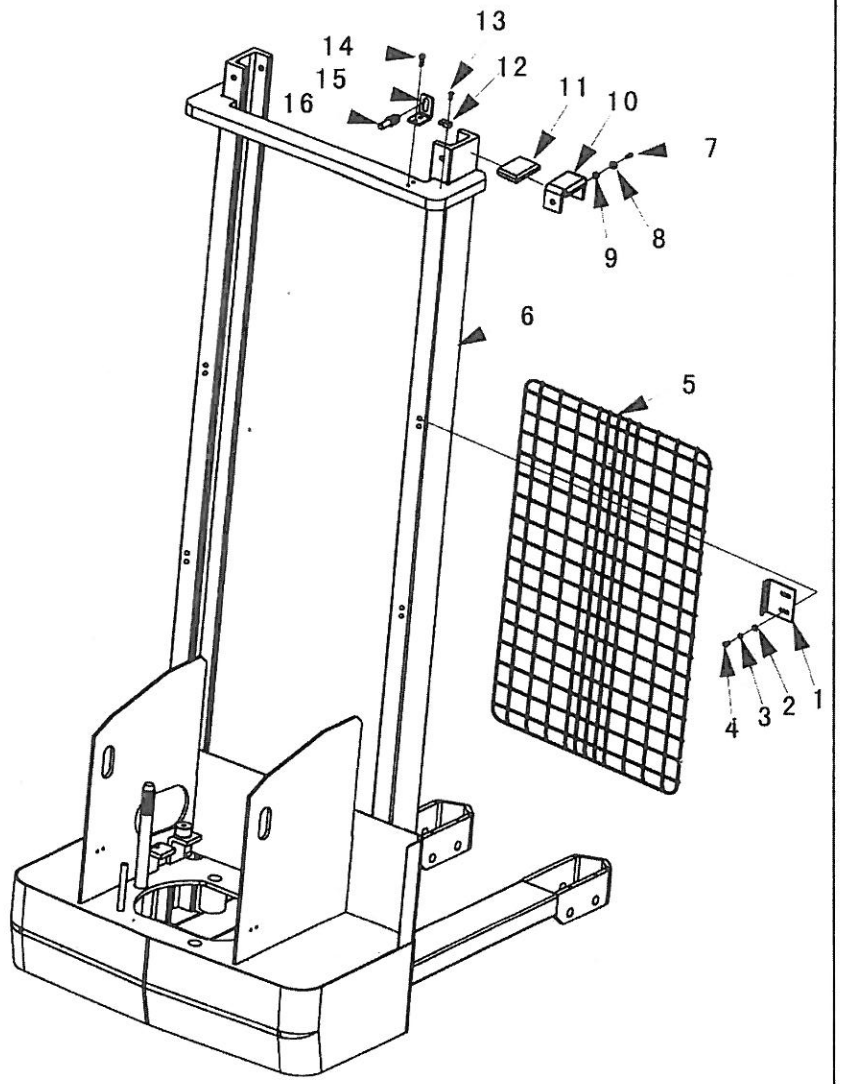


Fig. 14 Mast assy-outer

ITEM #	PART#	NAME	#FOR ASSY.
1	2000835003	Plate	4
2	2000937001	Washer	8
3	2001437001	Circlip	8
4	1000441005	Screw	8
5	2000834001	Protection net	1
6	2900702001	Mast frame(3.0m)	(1)
	2900702002	Mast frame(3.3m)	(1)
7	2800831001	Screw	4
8	2000737003	Washer	4
9	2800837001	Washer	4
10	2902045008	Limitation block	2
11	2800834003	Limitation block	2
12	2800834002	pressure block	4
13	2000542001	Screw	4
14	2000941001	Screw	2
15	2900809001	Limitation switch socket	1
16	2000407005	Limitation switch	1

Fig. 15 Electric panel assembly

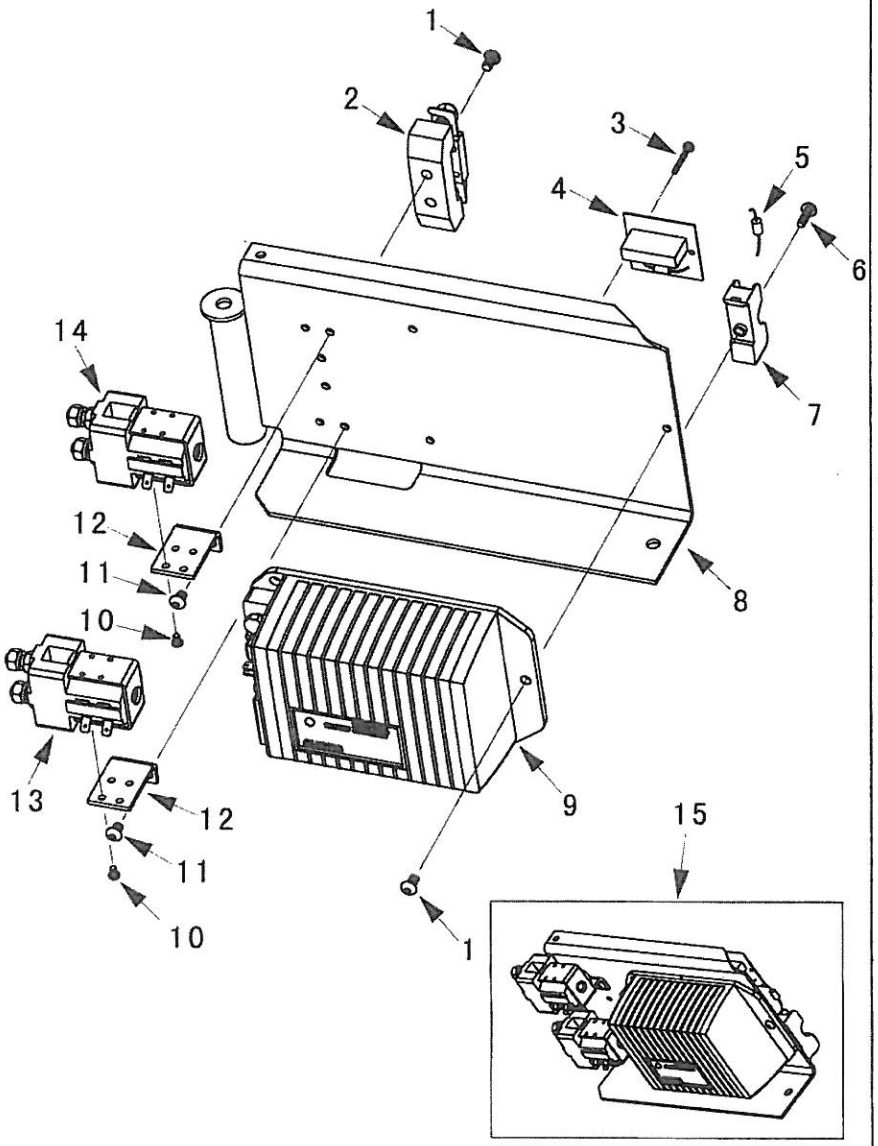


Fig. 15 Electric panel assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	6000441003	Screw	5
2	2000407004	Fuse	1
3	1000441007	Screw	2
4	2000406004	Circuit board	1
5	2000406003	Diode	1
6	2001141005	Screw	1
7	2000407009	Fuse	1
8	2000418001	Electric panel	1
9	2000406002	Controller	1
10	2000441002	Screw	8
11	6000441001	Screw	4
12	6000418004	Install plate	2
13	1000307001	Contact	1
14	1000407005	Contact	1
15	2000400001	Electric panel assembly	1

Fig. 16 Front wheel assembly

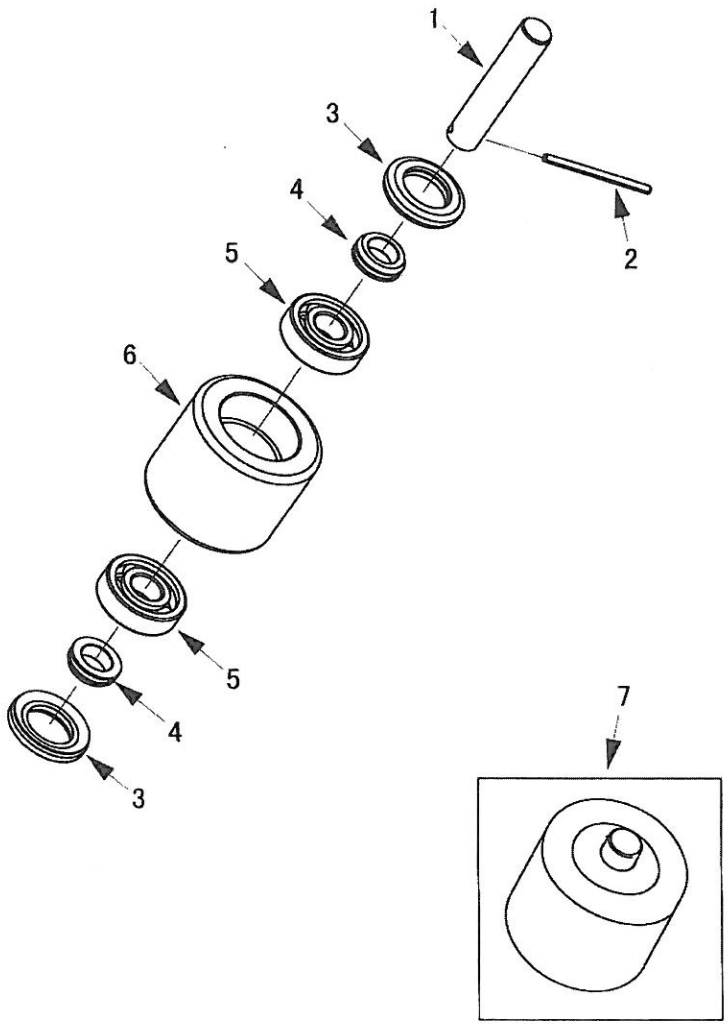


Fig. 16 Front wheel assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	2000313001	Front wheel shaft	1
2	2000336002	Spring pin	1
3	2000305001	Dust ring	2
4	2000312001	Bush	2
5	2000320001	Bearing	2
6	2000332001	Front wheel	1
7	2000300003	Front wheel assembly	1

Fig. 17 Balance wheel assembly

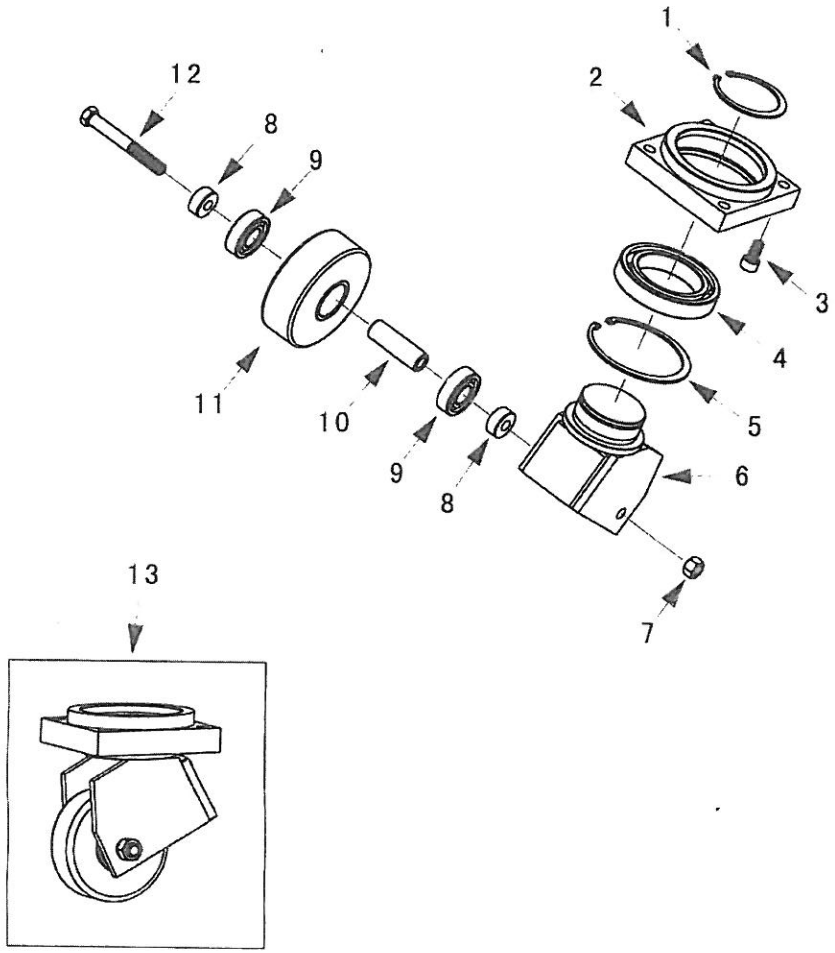


Fig. 17 Balance wheel assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	2001227001	Snap ring	1
2	2001210001	Wheel seat	1
3	2001231001	Screw	4
4	2001220001	Bearing	1
5	2001227002	Snap ring	1
6	2900318002	Wheel bracket	1
7	1000239002	Nut	1
8	6001237004	Washer	2
9	6001420001	Bearing	1
10	6001212004	Wheel sleeve	2
11	6000332002	Balance wheel	1
12	6001225003	Bolt	1
13	2901200001	Balance wheel assembly	1

Fig. 18 Mast asssy-inner

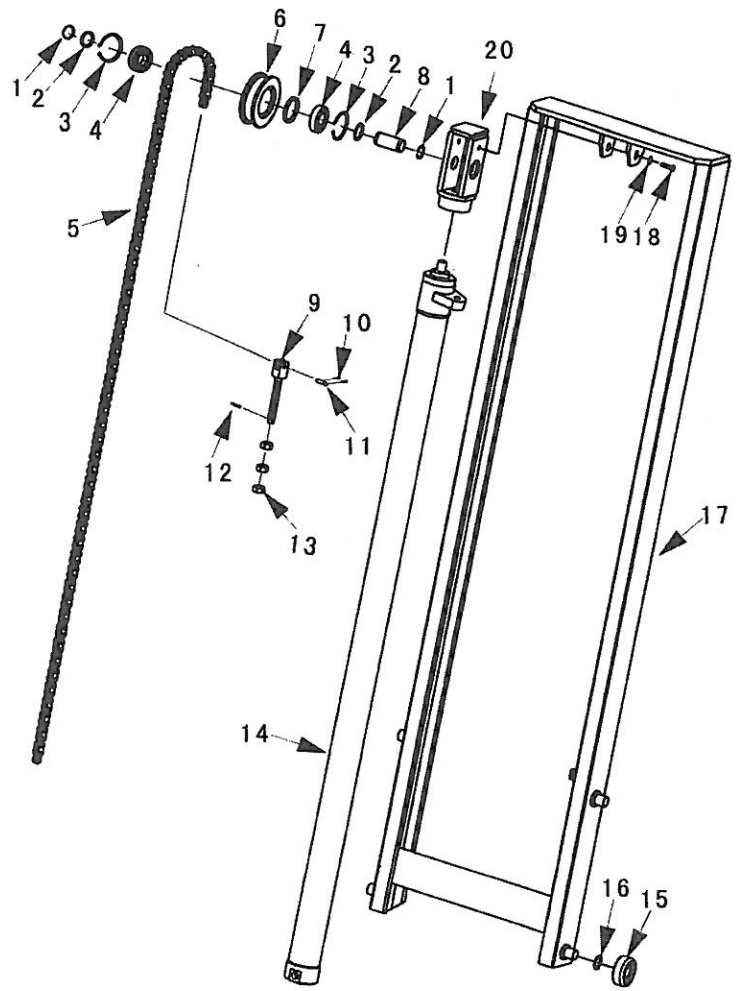


Fig. 18 Mast assy-inner

ITEM #	PART#	NAME	#FOR ASSY.,
1	2000827001	Snap ring	2
2	2000837002	Washer	2
3	2000827002	Snap ring	2
4	2000820002	Bearing	2
5	2800804001	Lifting chain	1
6	2800801001	Chain wheel	1
7	2800812001	Sleeve	1
8	2800813010	Wheel shaft	1
9	2000825001	Bolt	2
10	2000804002	Split pin	4
11	2000813001	Connecting pin	2
12	2000804003	Split pin	2
13	2000839001	Nut	6
14	2900603005	Cylinder assembly(3.0M)	1
	2900603004	Cylinder assembly(3.3M)	1
15	2000820001	Mast bearing	4
16	2000837001	Washer	8
17	2900824001	Mast frame(3.0M)	1
	2900824002	Mast frame(3.3M)	1
18	2001231001	Screw	2
19	2000937002	Washer	2
20	2800818002	Wheel bracket	1

Fig. 19 Lifting cylinder assembly

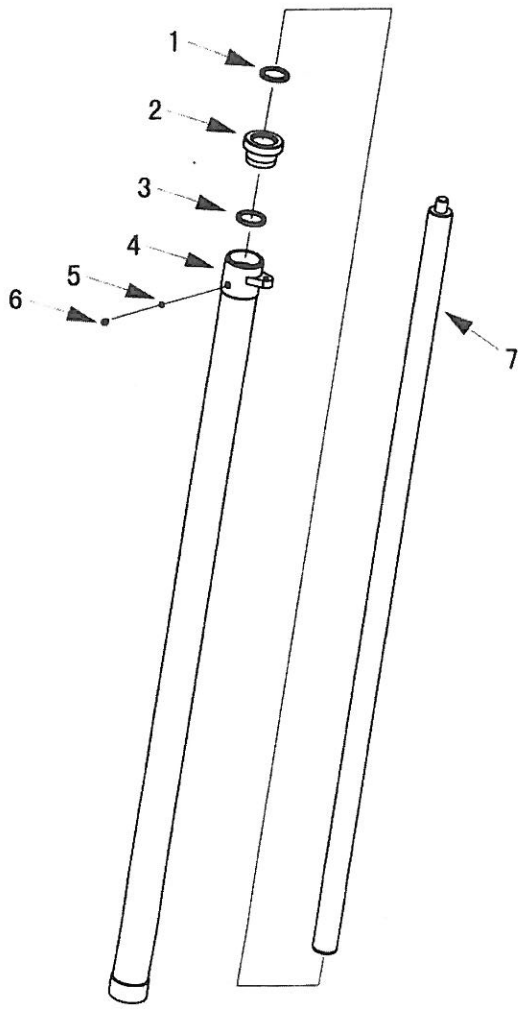


Fig. 19 Lifting cylinder assembly

ITEM #	PART#	NAME	#FOR ASSY.
1	2800605002	Dust ring	1
2	2900612001	Cylinder Cover	1
3	2800605001	Seal washer	1
4	2900603007	Cylinder body (3.0m)	(1)
	2900603008	Cylinder body (3.3m)	(1)
5	2000637003	Washer	1
6	2000630002	Bolt	1
7	2800603003	Piston rod (3.0m)	1
	2900603006	Piston rod (3.3m)	1

Fig. 20 Fork & Carriage

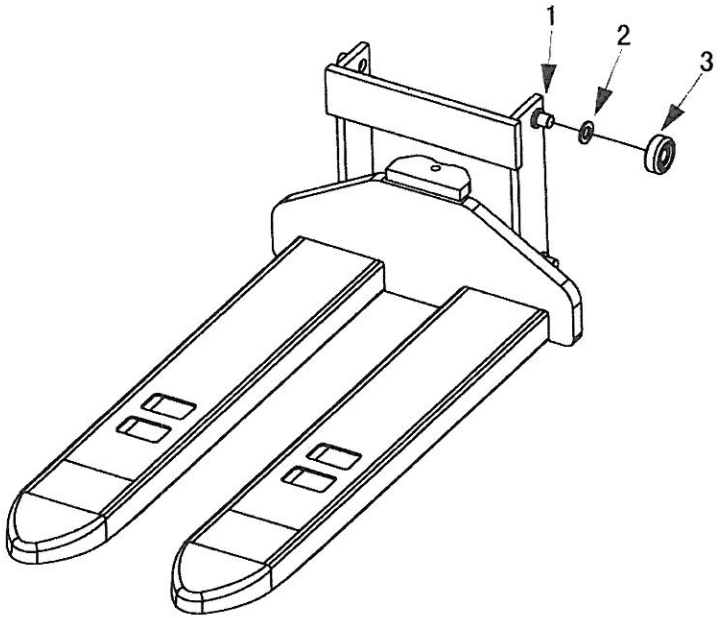


Fig. 20 Fork & Carriage

ITEM #	PART#	NAME	#FOR ASSY.
1	2900802005	Fork & Carriage(540×1150)	1
2	2000837001	Washer	8
3	2000820001	Roller	4

Fig. 21 Compartment

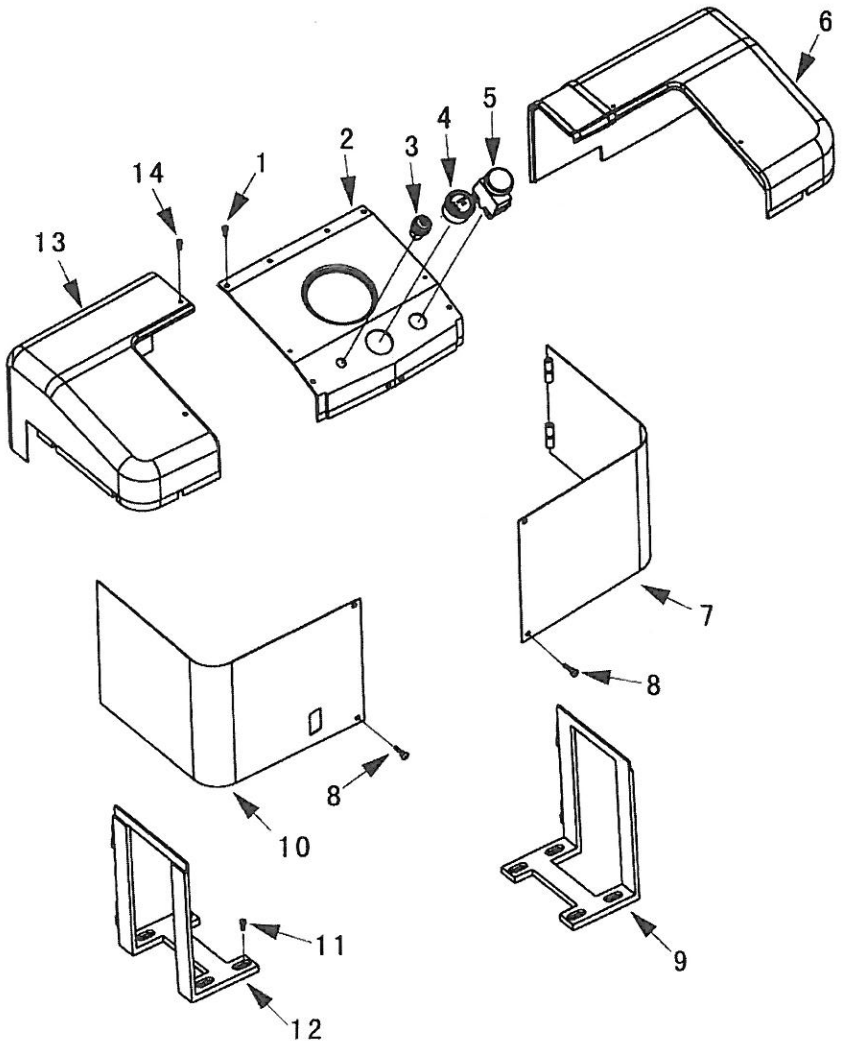


Fig. 21 Compartment

ITEM #	PART#	NAME	#FOR ASSY.
1	2000442001	Screw	4
2	2900902001	Middle panel	1
3	2000507008	Key	1
4	2001116001	Batter indicator	1
5	2000407001	Emergency stop button	1
6	2900908002	Right panel	1
7	2900909004	Right frame	1
8	2000925001	Screw	1
9	2900909003	Shaft assembly	1
10	2900909005	Left frame	4
11	5200731001	Screw	8
12	2900909002	Shaft assembly	1
13	2900908001	Left panel	1
14	2900731001	Screw	4