

— PARTS LIST

WOOD CHIPPER

ES131GH —



OHASHI INC.
No. E12019030100
190206

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Fig. 1 Frame(1)

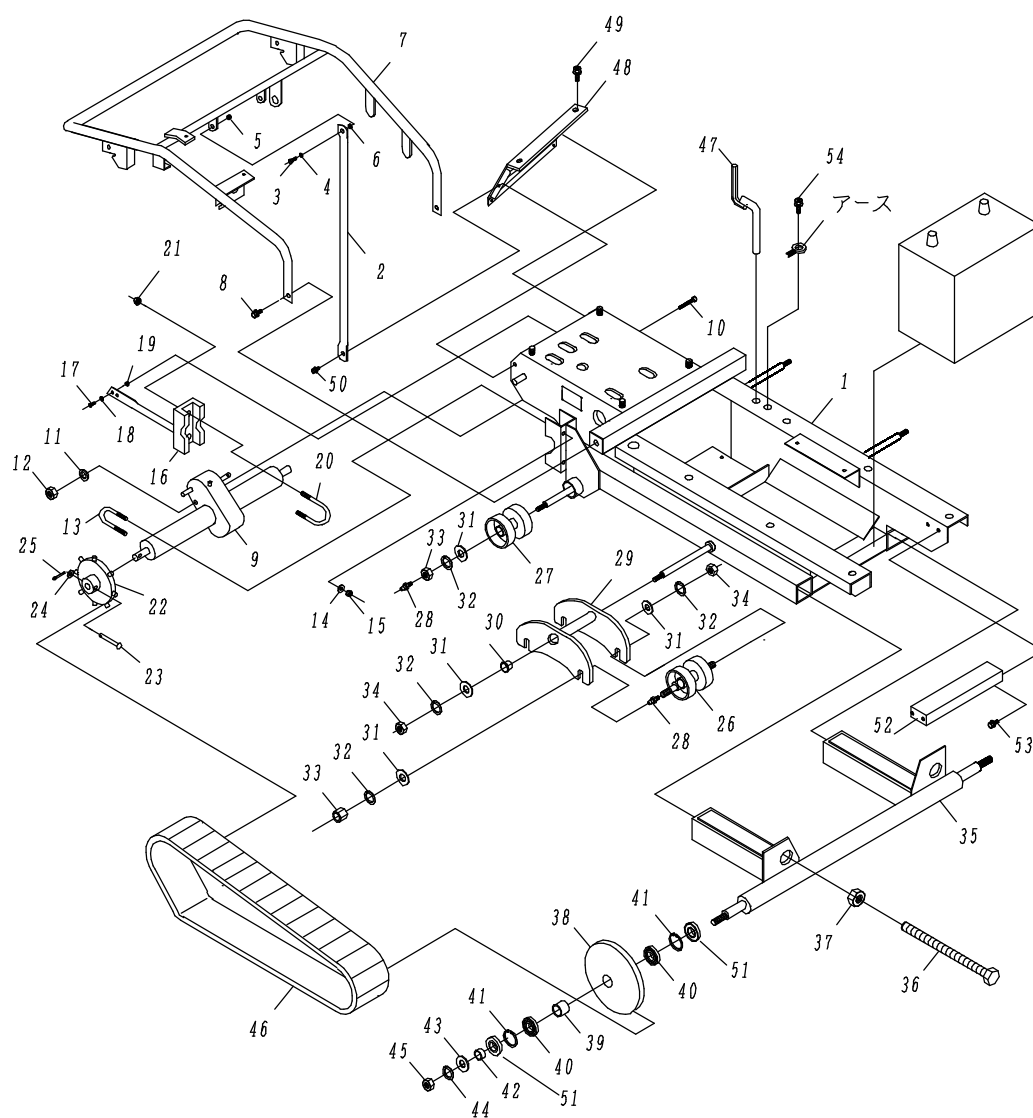


Fig. 1 Frame(1)

No.	Part No.	Part name	Qty/unit	Remarks
1	12011010000	Main frame	1	
2	11101450000	Stiffening pipe	2	
3	A110802500C	Bolt	2	M8×25
4	A500800000C	Plain washer	2	M8
5	A340800000C	U nut	2	M8
6	11101810000	Grommet	2	
7	E12011410000	Handle	1	
8	A161002500C	Bolt	2	M10×25 P2
9	11102200000	Transmission	1	
10	A111006000C	Bolt	1	M10×60 half-screw
11	A501000000C	Plain washer	1	M10
12	A361000000C	Nut with spring washer	1	M10
13	11102510000	U bolt	2	M10
14	A501000000C	Plain washer	4	M10
15	A371000000C	Compact nut with spring washer	4	M10
16	11101550000	Frame stiffener	1	
17	A110802500C	Bolt	2	M8×25
18	A500800000C	Plain washer	2	M8
19	A360800000C	Nut with spring washer	2	M8
20	11102510000	U bolt	1	M10
21	A361000000C	Nut with spring washer	2	M10
22	11102710000	Sprocket	2	
23	A621006010C	Round head pin	2	M10×60 holed
24	A501000000C	Plain washer	2	M10
25	A602520000C	Split pin	2	φ2.5×20
26	11102600000	Track roller A	4	
27	11102610000	Track roller B	2	
28	9150-998060	Grease nipple	6	
29	11122220000	Track roller holder	2	
30	A7725253610	Dry plain bearing	4	
31	A501600000C	Plain washer	12	M16
32	A581600000C	Spring washer	12	M16
33	A331423000C	High nut	6	M14×23
34	A311600000C	Nut	6	M16
35	11122010000	Idle wheel frame	1	
36	A111615000C	Bolt	2	M16×150
37	A311600000C	Nut	2	M16
38	12502510000	Idle wheel	2	
39	11102030000	Spacer	2	
40	A70600500ZZ	Bearing	4	6005ZZ
41	A72R4700000	Snap ring	4	
42	11102040000	Spacer (2)	2	
43	A501645370C	Plain washer	2	t4.5×16×37
44	A581600000C	Spring washer	2	M16
45	A311600000C	Nut	2	M16
46	11122230000	Rubber crawler	2	
47	12006570001	Rotor lock pin	1	wrench included
48	11115350000	Shift cover	1	
49	A170601200C	Upset hexagon bolt	4	M6×12 P3
50	A140802000C	Bolt	2	M8×20 P3

Fig. 1 Frame(2)

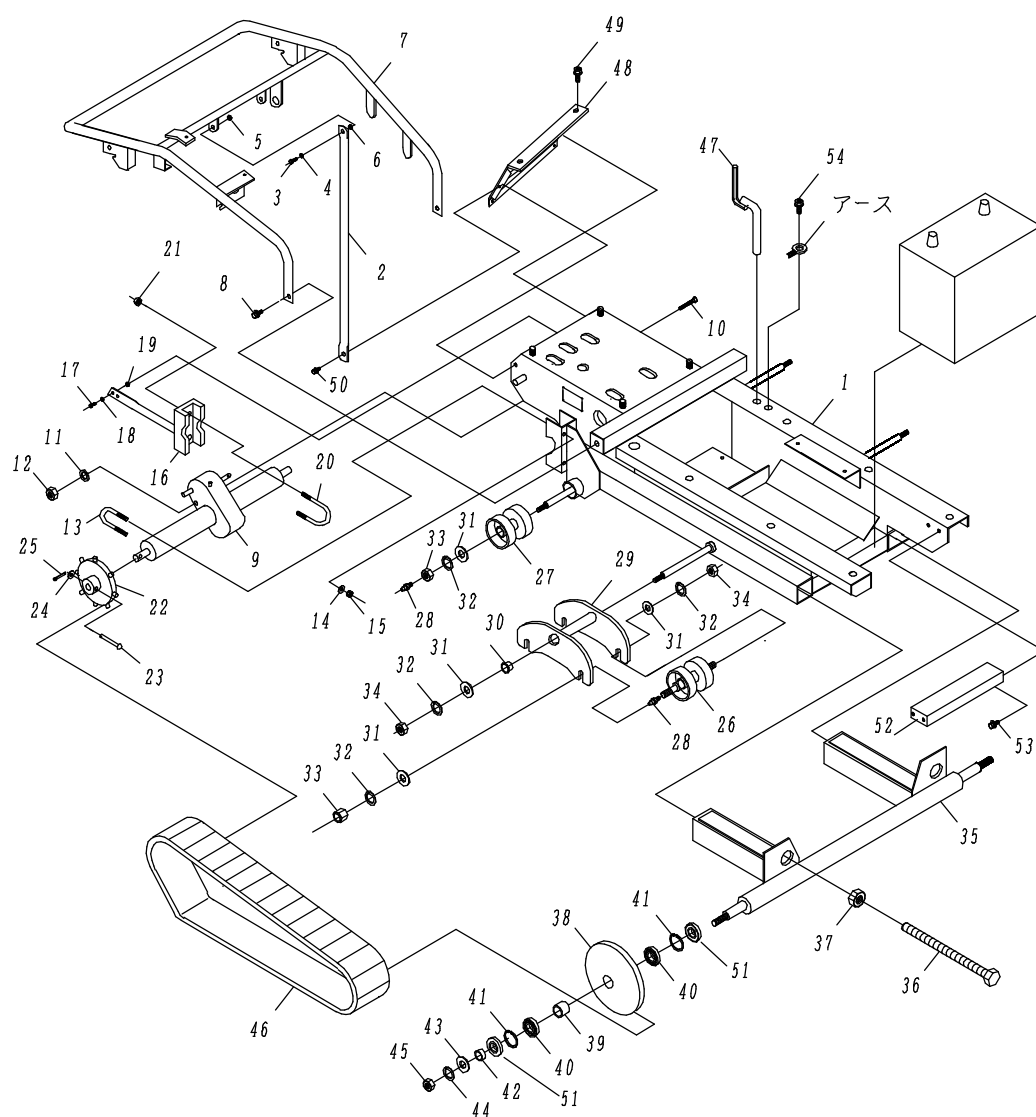


Fig. 1 Frame(2)

No.	Part No.	Part name	Qty/unit	Remarks
51	A8030470700	Oil seal	4	30 47 7
52	12001170000	Base frame reinforcement	1	
53	A140802000C	Bolt	4	M8×20 P3
54	A140802000C	Bolt	1	M8×20 P3

Fig. 2 Transmission

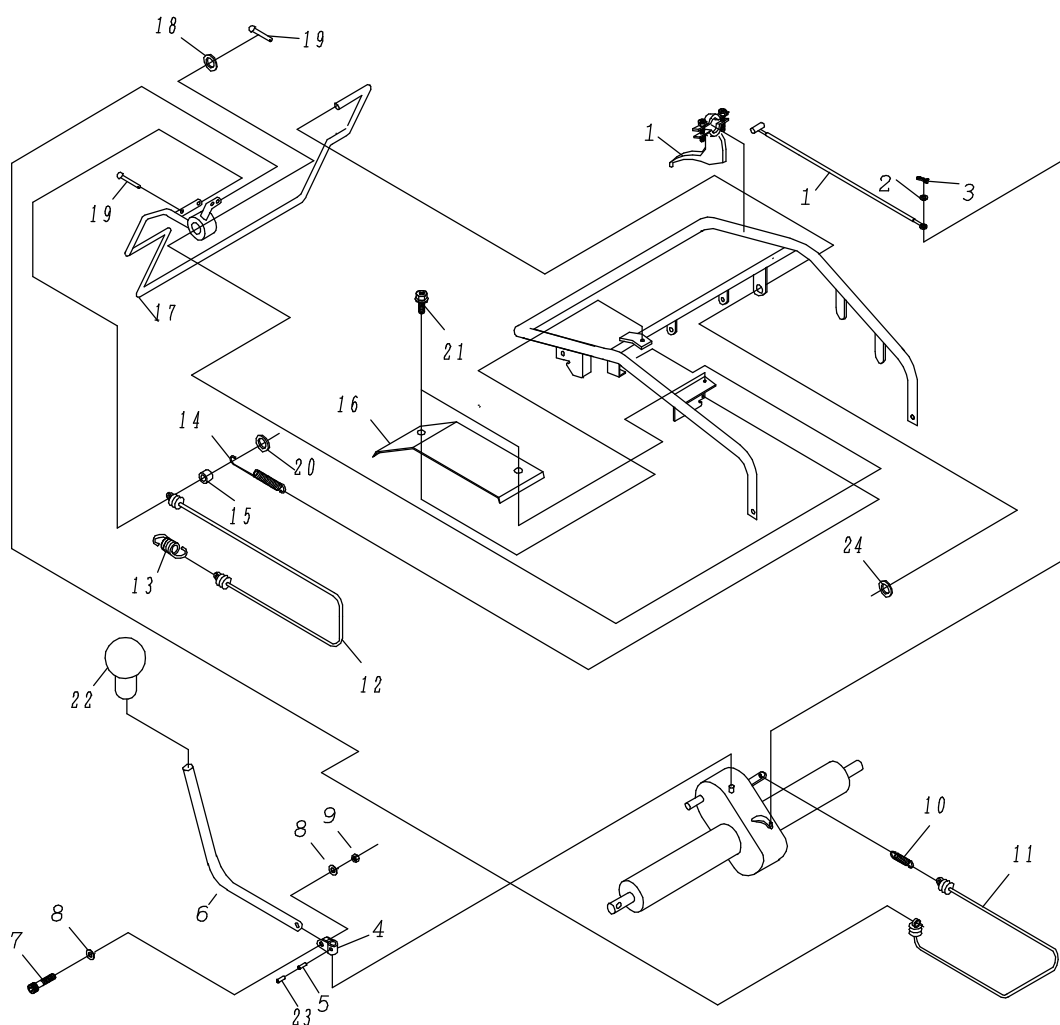


Fig. 2 Transmission

No.	Part No.	Part name	Qty/unit	Remarks
1	14502950000	Side clutch wire ASSY	2	Wire, lever
	12002951000	Side clutch wire		Wire
	14502952000	Side clutch lever		Lever
2	A500600000C	Plain washer	2	M6
3	A610600001C	R pin	2	
4	11115310000	Shift lever joint	1	
5	A655025000C	Spring pin	1	M5×25
6	11115300001	Shift lever	1	
7	A240603000C	Hexagon socket bolt	1	M6×30
8	A500600000C	Plain washer	2	M6
9	A340600000C	U nut	1	M6
10	11105230000	Transmission brake spring	1	
11	11102810000	Parking brake wire	1	
12	11105610000	Transport clutch wire	1	
13	11104530000	Transmission tension spring	1	
14	11105150000	Transport lever spring	1	
15	11105130000	Spring spacer	1	
16	11125710000	Transport wire cover	1	
17	E12005110000	Transport Lever	1	
18	A501000000C	Plain washer	1	φ10
19	A602520000C	Split pin	5	φ2.5×20
20	A501016180C	Plain washer	4	t1.6×10×18
21	A170601600C	Upset hexagon bolt	2	M6×16
22	A7801202000	Lever grip	1	
23	A653025000C	Spring pin	1	M3×25
24	E12005110800	Grip ring	1	φ12

Fig. 3 Hydraulic system

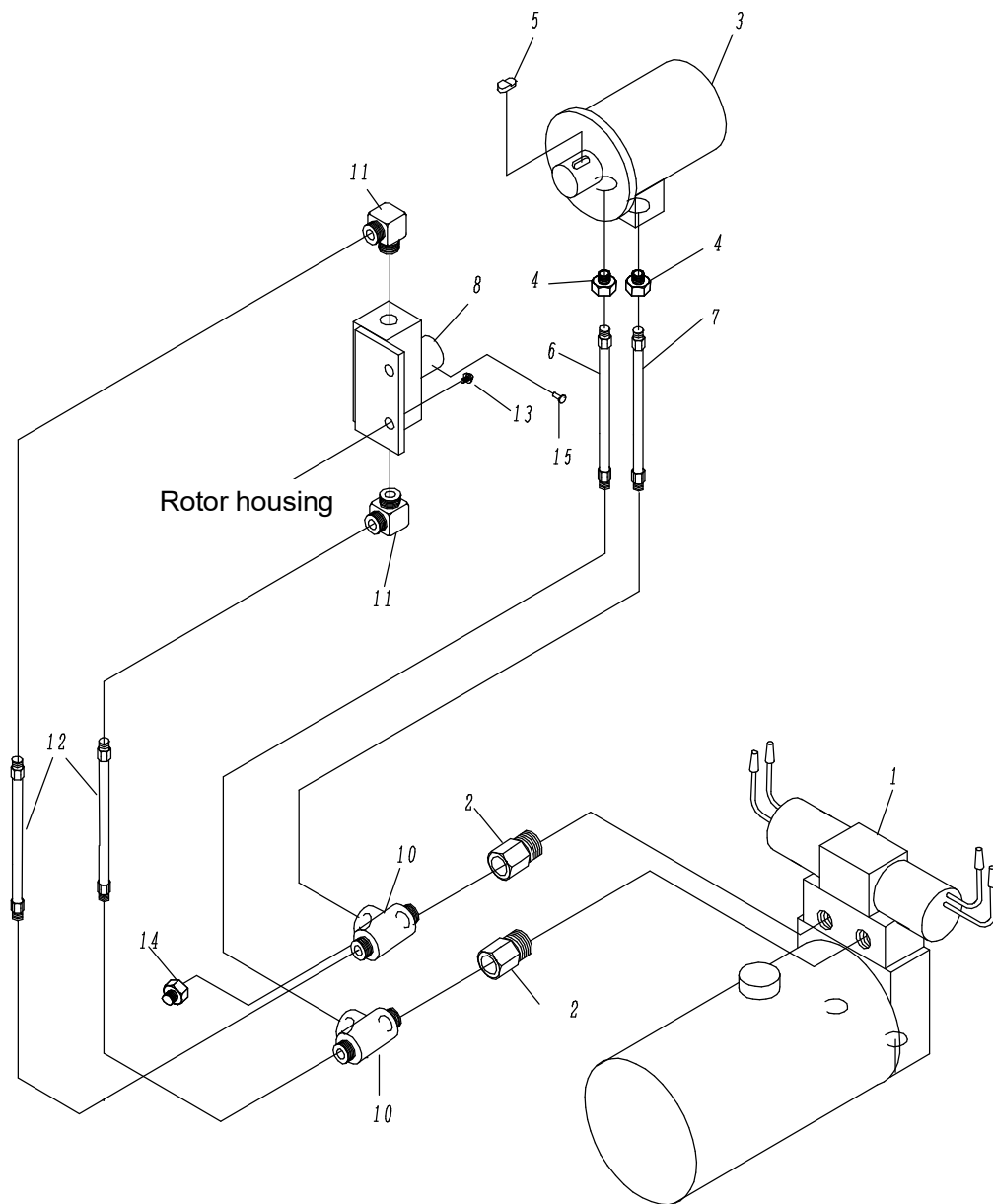


Fig. 3 Hydraulic system

No.	Part No.	Part name	Qty/unit	Remarks
1	12003110000	Hydraulic pump and tank	1	
2	12003550000	Adopter	2	SSO-07
3	11107620000	Hydraulic motor	1	
4	11107630000	Adopter	2	
5	11107530000	Parallel key	1	
6	11123510000	Hose (A)	1	ø585
7	11123520000	Hose (B)	1	ø555
※	8	21123730000	Flow controller	1
	10	12003570000	Adopter	2
※	11	21103540000	Adopter	2
※	12	21123750000	Hydraulic hose	2
※	13	A170601600C	Upset hexagon bolt	2
	14	12003590000	Adopter (plug)	2
※	15	A220401200Y	Urea bolt	1

※For ES130GHB only.

Fig. 4 Engine(1)

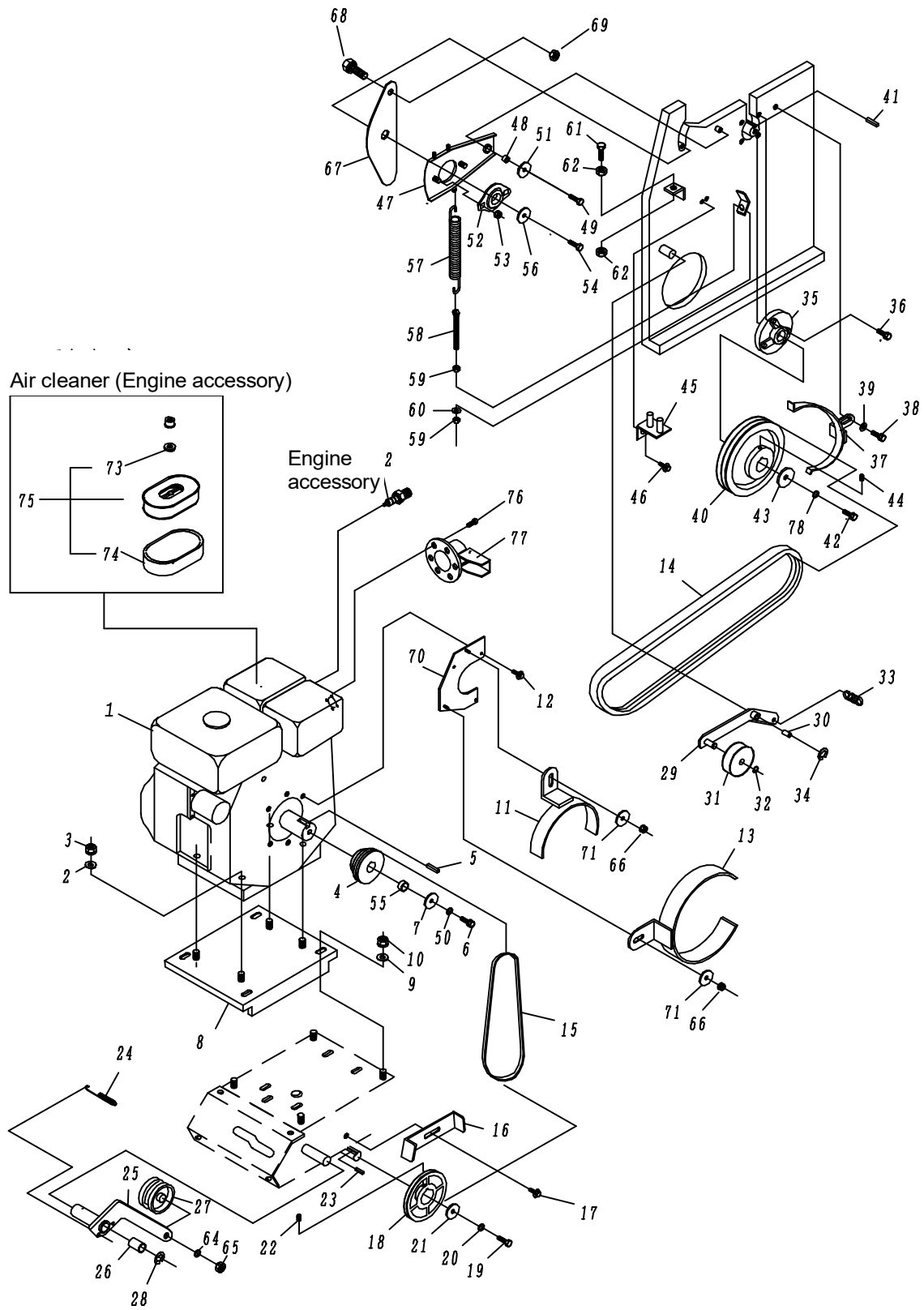


Fig. 4 Engine(1)

No.	Part No.	Part name	Qty/unit	Remarks
1	8201E980390	Engine	1	Honda GX390
2	A501032250C	Plain washer	4	t3.2×11×25
3	A361000000C	Nut with spring washer	4	M10
4	E12014150000	Engine pulley	1	
5	90745-ZE2-600	Parallel key	1	6.3×6.3×43
6	E12014110000	PTOBolt(Honda)	1	UNF 3/8-24
7	A509745400C	Engine pulleywasher(Honda)	1	t4.5×9.7×40
8	E12014050000	Engine base	1	
9	A501032250C	Plain washer	4	t3.2×11×25
10	A361000000C	Nut with spring washer	4	M10
11	E12014370000	Transport belt stay (1)	1	
12	A140802000C	Bolt	3	M8×20 P3
13	E12014380000	Rotor belt stay (1)	1	
14	A813V030800	Rotor belt	1	3R-3V-800
15	A81SA010038	Transport belt	1	SA-38
16	11114680000	Transport belt stay (2)	1	
17	A140802000C	Bolt	1	M8×20 P3
18	11114560010	Transmission pulley	1	
19	A110601801C	Bolt	1	M6×18-8T
20	A580600000C	Spring washer	1	M6
21	A500632300C	Plain washer	1	t3.2×6.5×30
22	A250801000C	Hexagon socket set screw	1	M8×10
23	A680505250A	Parallel key	1	
24	11104540000	Transmission tension spring	1	
25	11104510000	Transmission tension arm	1	
26	A7716150000	Dry plain bearing	2	
27	11104610000	Tension pulley	1	
28	A751200000C	E ring	1	E-12
29	11124710000	Rotor tension arm	1	
30	A7718150000	Dry plain bearing	2	
31	A8401070500	Idler	1	VFF7050-6202W
32	A71S1500000	Snap ring	1	S-15
33	11124730000	Rotor tension spring	1	
34	A751500000C	E ring	1	E-15
35	A702020600N	Ball bearing unit	1	
36	A161004000C	Bolt	4	M10×40 P2
37	11124790000	Rotor belt stay (2)	1	
38	A161002000C	Bolt	2	M10×20 P2
39	A501032250C	Plain washer	2	t3.2×11×25
40	11124760000	Rotor pulley (1)	1	
41	A680807450A	Parallel key	1	8×7×45
42	A111002501C	Bolt	1	M10×25-8T
43	A501060520C	Plain washer	1	t6×11×52
44	A251002000A	Hexagon socket set screw	1	M10×20
45	11124810000	Rotor belt stay (3)	1	
46	A140801800C	Bolt	2	M8×18 P3
47	11127430000	Feed arm (right)	1	
48	A7720250000	Dry plain bearing	1	
49	A230802000A	Hexagon socket flush screw	1	M8×20
50	A581000000C	Spring washer	1	M10

Fig. 4 Engine(2)

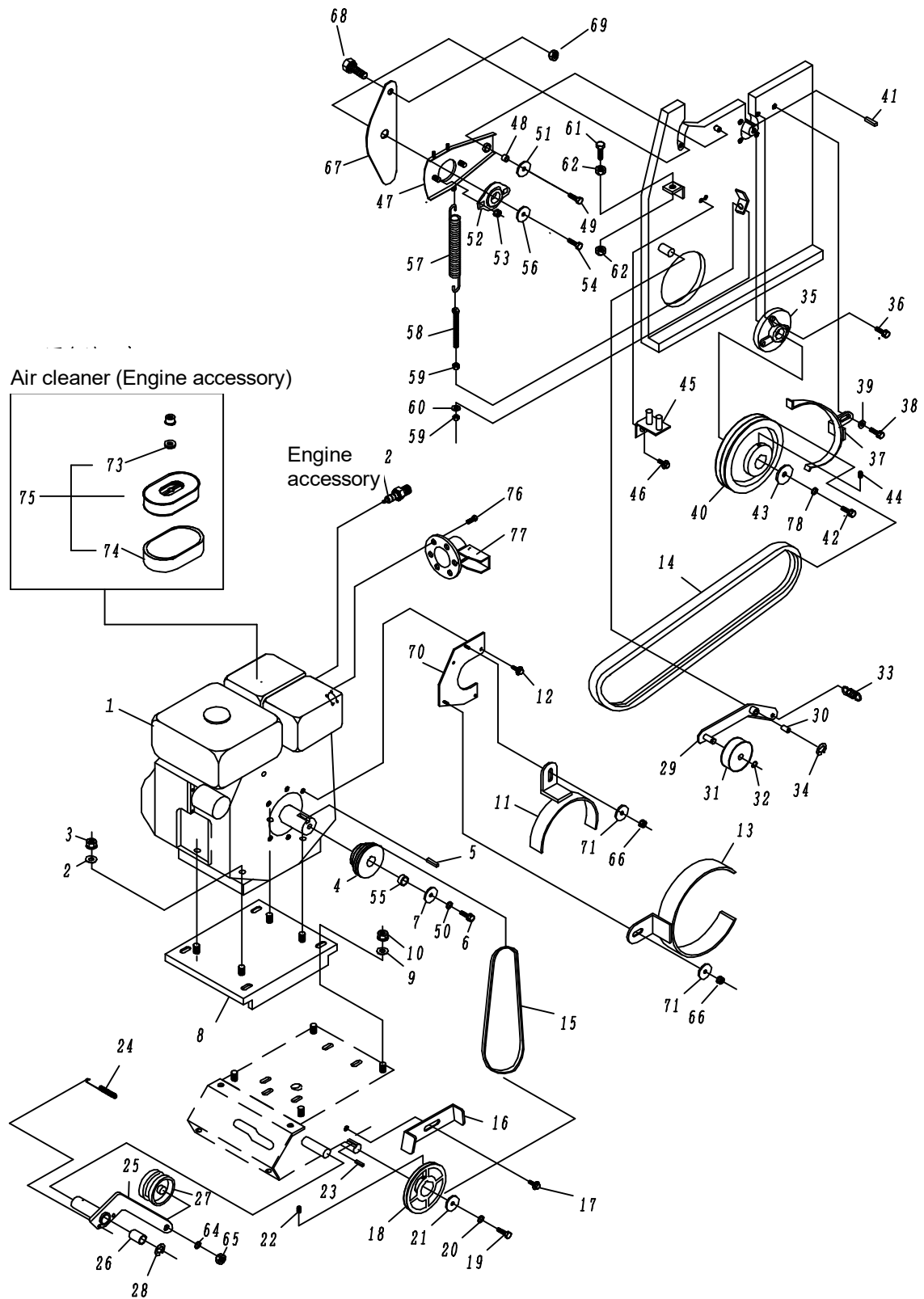


Fig. 4 Engine(2)

No.	Part No.	Part name	Qty/unit	Remarks
51	A500832350C	Plain washer	1	t3.2×9×35
52	A7055205000	Oval flange units	1	
53	A360800000C	Nut with spring washer	2	M8
54	A160802000C	Bolt	1	M8×20
55	E12014160000	Engine pulley spacer	1	
56	A500832350C	Plain washer	1	t3.2×9×35
57	11107710000	Feed roller spring	1	
58	11107730000	Feed roller spring adjuster	1	
59	A311000000C	Nut	2	M10
60	A501000000C	Plain washer	1	M10
61	A111004000C	Bolt	1	M10×40
62	A311000000C	Hexagon jam nut	2	M10
64	A581200000C	Spring washer	1	M12
65	A311200002C	Nut	1	M12
66	A361000000C	Hexagon nut with spring washer	2	M10
67	11127580000	Chip guard (right)	1	
68	A070601600C	Weld bolt	1	M6×16
69	A340600000C	U nut	1	M6
70	E12014280000	Belt stay base	1	
71	A501032250C	Plain washer	2	t3.2×11×25
72	98079-56876	Spark plug	1	BPR6ES
73	17232-891-000	Air cleaner grommet	1	
74	17218-ZE3-000	Air filter(outer)	1	
75	17210-ZE3-010	Air cleaner element ASSY	1	
76	A040400600C	Tapping screw	6	M4×6
77	E12014470000	Muffler deflector	1	
78	A581000000C	Spring washer	1	

Fig. 5 Control system

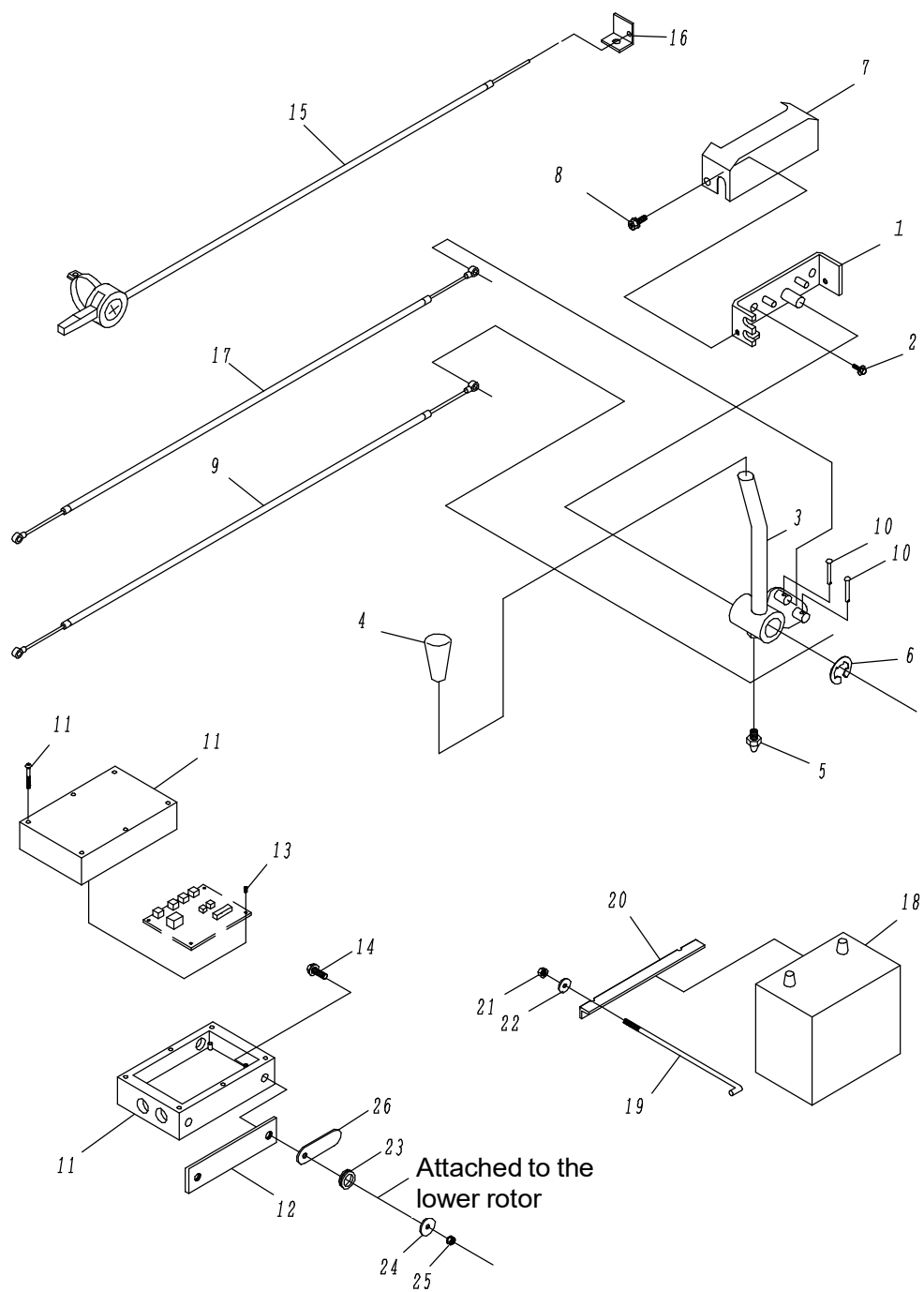


Fig. 5 Control system

No.	Part No.	Part name	Qty/unit	Remarks
1	11105550001	Rotor clutch bracket	1	
2	A140802000C	Bolt	2	M8×20 P3
3	11125570000	Rotor clutch lever	1	
4	A78N2010012	Rubber grip	1	
5	9150-998060	Grease nipple	1	
6	A751200000C	E ring	1	E-12
7	11125590000	Rotor clutch lever case	1	
8	A170601600C	Upset hexagon bolt	2	M6×16
9	11105600000	Rotor clutch wire	1	
10	A602015000C	Split pin	2	φ2×15
11	11125720000	Control box ASSY	1	
12	11105730001	Control box setting plate	1	
13	A270300800C	Cross-recessed tapping screw	4	M3×8
14	A170602500C	Upset hexagon bolt	2	M6×25
15	11105650000	Throttle wire ASSY	1	
16	11104250000	Throttle wire stopper	1	
17	11125620000	Pump clutch wire	1	
18	11129610000	Battery	1	
19	1151-662010	Battery stay	2	
20	11121870000	Battery holder	1	
21	A340600000C	Terminal nut	2	M6
22	A500600000C	Plain washer	2	M6
23	A8700601808	Grommet	2	
24	A500623200C	Plain washer	2	t2.3×6×20
25	A340600000C	U Nut	2	M6
26	A880206501C	Clip	1	

Fig. 6 Rotor(1)

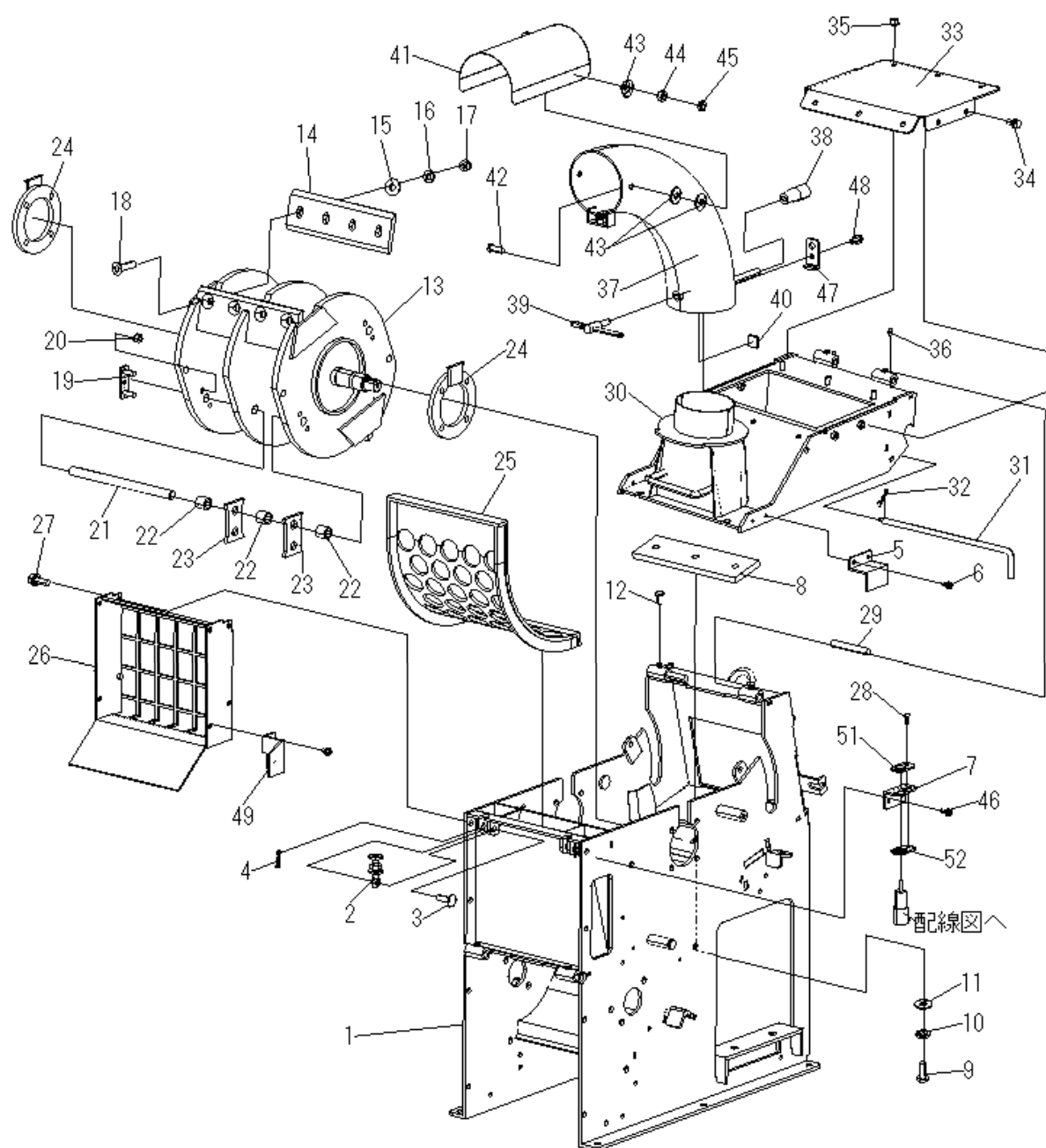


Fig. 6 Rotor(1)

No.	Part No.	Part name	Qty/unit	Remarks
1	E12016010000	Rotor housing	1	
2	E12006090001	Rotor cover bolt	2	M10×50
3	A631003000C	Flat head pin	2	φ10×30
4	A602525000C	Split pin	2	φ2.5×25
5	E12006590000	Rotor spring washer dog	1	
6	A170601600C	Upset hexagon bolt	2	M6×16
7	E14506580000	Rotor spring washer bracket	1	
8	11126320000	Counter knife	1	
9	A111203023A	Bolt	3	M12×30 P1.25
10	A581200000C	Spring washer	3	M12
11	A501235450C	Plain washer	3	t4.5×12.5×35
12	A110601200C	Bolt	2	M6×12
13	12016210000	Rotor shaft	1	
14	11106220000	Chipper knife	2	
15	A501232310C	Plain washer	8	t3.2×12.6×32
16	A581200000C	Spring washer	8	M12
17	A3112020000	Nut	8	M12 45C
18	A231204004C	Hexagon socket flush screw	8	M12×40
19	11116280001	Shredder knife shaft holder	4	
20	A360800000C	Nut with spring washer	8	M8
21	11106270000	Shredder knife shaft	2	
22	11106290000	Spacer	12	
23	11106250000	Shredder knife	8	
24	11106180000	Inner ring	2	
25	12006624000	Screen	1	φ40
26	12006680000	Safety guard	1	
27	A140802000C	Bolt	4	M8×20 P3
28	A200501200D	Torx screw	1	M5×12
29	11106610600	Pin	2	φ12×80
30	E12006610001	Rotor cover	1	
31	11106710000	Hoist setting pin	1	
32	A611000000C	R pin	1	φ10
33	12006650000	Rotor cover hole cover	1	
34	A140802000C	Bolt	7	M8×20 P3
35	A360800000C	Nut with spring washer	3	M8
36	9150-998060	Grease nipple	2	
37	E12006950011	Shooter	1	
38	A78N2010012	Rubber grip	1	
39	11206990000	Shooter fixing bolt handle	2	
40	12006950500	Shooter shim	1	
41	12006980010	Chip reflector	1	
42	A111002500C	Bolt	2	M10×25
43	A501000000C	Plain washer	6	M10
44	A311000000C	Nut	2	M10
45	A311000002C	Hexagon jam nut	2	M10
46	A170601600C	Upset hexagon bolt	2	M6×16
47	E12006960000	Duct stopper	1	
48	A1408018000C	Bolt	1	M8×18 P3
49	E12006690000	Safety guard switch dog	1	
50	A170601200C	Upset hexagon bolt	2	M6×12

This exploded view diagram illustrates the assembly of a control panel. The components are numbered as follows:

- 1**: Main front panel
- 2**: Panel mounting bracket
- 3**: Mounting screw
- 4**: Panel gasket
- 5**: Panel support bracket
- 6**: Support plate
- 7**: Control knob
- 8**: Control knob base
- 9**: Panel screw
- 10**: Panel screw
- 11**: Panel screw
- 12**: Panel screw
- 13**: Control knob base
- 14**: Control knob base
- 15**: Control knob base
- 16**: Control knob base
- 17**: Control knob base
- 18**: Control knob base
- 19**: Control knob base
- 20**: Control knob base
- 21**: Control knob base
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- 36**: Control knob base
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- 38**: Control knob base
- 39**: Control knob base
- 40**: Control knob base
- 41**: Control knob base
- 42**: Control knob base
- 43**: Control knob base
- 44**: Control knob base
- 45**: Control knob base
- 46**: Control knob base
- 47**: Control knob base
- 48**: Control knob base
- 49**: Control knob base
- 50**: Control knob base
- 51**: Control knob base
- 52**: Control knob base

The diagram also includes a reference to a wiring diagram: 配線図へ (to wiring diagram).

Fig. 6 Rotor(2)

No.	Part No.	Part name	Qty/unit	Remarks
51	E14508530000	Switch guard A	1	
52	E14508540000	Switch guard B	1	

Fig. 7 Blower

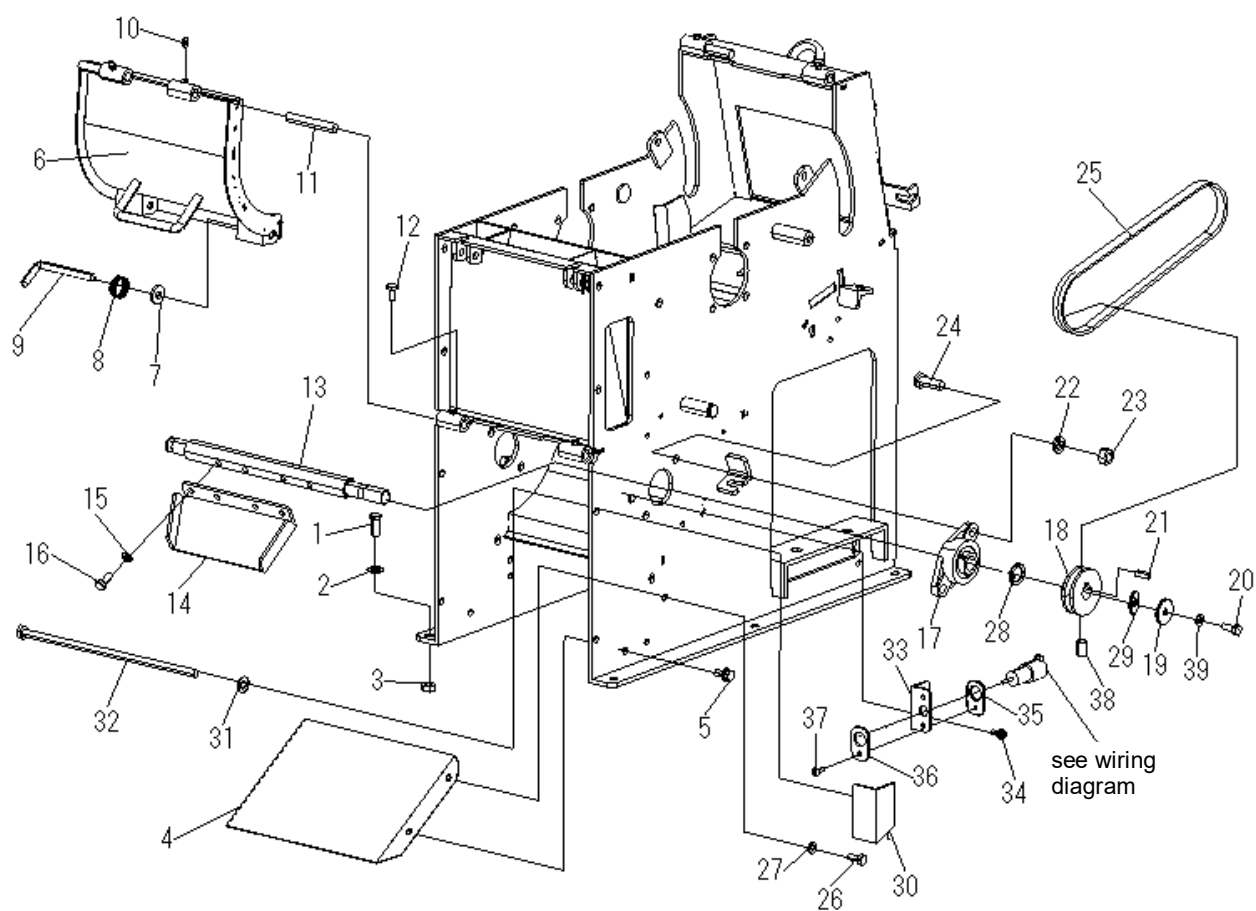


Fig. 7 Blower

No.	Part No.	Part name	Qty/unit	Remarks
1	A111002500C	Bolt	6	M10×25
2	A501000000C	Plain washer	6	M10
3	A361000000C	Nut with spring washer	6	M10
4	12006160000	Low dispatch guide	1	
5	A140802000C	Bolt	2	M8×20 P3
6	12006410001	Blower cover	1	
7	A5410000000	Push nut	2	M10
8	11106620300	Set spring	2	
9	12006490000	Blower cover pin	2	
10	9150-998060	Grease nipple	2	
11	11106610600	Pin	2	φ12×80
12	A250601200A	Hexagon socket set screw	2	M6×12
13	12016430000	Blower shaft	1	New shaft and key (below 21) from serial 00137~ ok for pre ~00137
14	12006450000	Blower fin	2	
15	A580800000C	Spring washer	8	M8
16	A110801803A	Bolt	8	M8×18-11T
17	A7030C20400	Blower bearing unit	2	UCFL204
18	12014930000	Blower pulley	1	
19	A500832350C	Plain washer	1	t3.2×8.5×35
20	A110802001C	Bolt	1	M8×20-8T
21	A680606200A	Parallel key	1	6×6×25 one rounded, one square ended
22	A581200000C	Spring washer	2	M12
23	A311200000C	Nut	2	M12
24	A111203500C	Bolt	2	M12×35
25	A81SA010036	Blower belt	2	SA-36
26	A110802000C	Bolt	2	M8×20
27	A500800000C	Plain washer	2	M8
28	12014920000	Blower pulley Spacer	1	
29	A500800000C	Plain washer	1	M8
30	E12006480000	Blower cover switch dog	1	
31	A501000000C	Plain washer	1	M10
32	A111029000C	Bolt	1	M10×290
33	E14506580000	Rotor spring washer bracket	1	
34	A170601600C	Upset hexagon bolt	2	M6×16
35	E14508540000	Switch guard B	1	
36	E14508530000	Switch guard A	1	
37	A200501200D	Torx screw	1	M5×12
38	A250801000A	Hexagon socket set screw	1	M8×10 Serial No. 00137~
39	A580800000C	Spring washer	1	M8

Fig. 8 Feeding system(1)

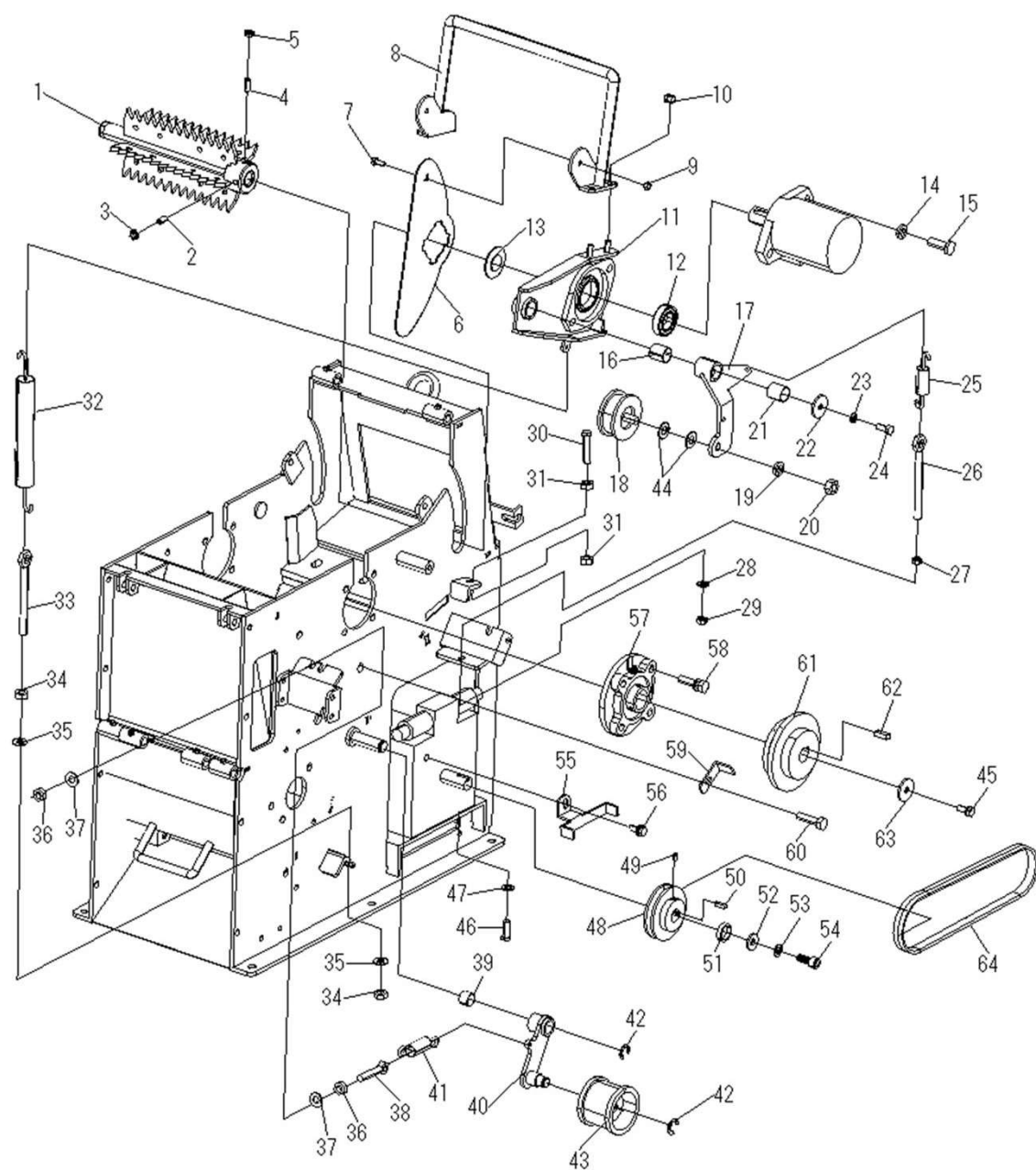


Fig. 8 Feeding system(1)

No.	Part No.	Part name	Qty/unit	Remarks
1	11107510001	Feed roller	1	
2	A250801600A	Hexagon socket set screw	1	M8×16
3	A310800002C	Hexagon jam nut	1	M8
4	A250802000A	Hexagon socket set screw	1	M8×20
5	A310800002C	Hexagon jam nut	1	M8
6	11127590000	Chip guard (left)	1	
7	A070601600C	Weld bolt	1	M6×16
8	11117470000	Stabilizer	1	
9	A340600000C	U nut	1	M6
10	A360800000C	Nut with spring washer	4	M8
11	11127450000	Feed arm (left)	1	
12	A70600500ZZ	Bearing	1	6005ZZ
13	11117560000	Motor BB Guard	1	
14	A581200000C	Spring washer	2	M12
15	A111203500C	Bolt	2	M12×35
16	A7720250000	Dry metal	1	LFB2025
17	12014310000	Hydraulic belt tension arm	1	
18	11104610000	Hydraulic belt tension pulley	1	
19	A581200000C	Spring washer	1	M12
20	A311200002C	Hexagon jam nut	1	M12
21	A7720300000	Dry plain bearing	1	LFB2030
22	A500832350C	Plain washer	1	t3.2×9×35
23	A580800000C	Spring washer	1	M8
24	A110802000C	Bolt	1	M8×20
25	11104340002	Hydraulic belt tension spring	1	
26	12014970000	B tension adjuster	1	
27	A310800002C	Nut	1	M8
28	A500800000C	Plain washer	1	φ8
29	A310800000C	Nut	1	M8
30	A111004003C	Bolt	2	M10×40 11T
31	A311000000C	Nut	4	M10
32	11107710000	Feed roller spring	1	
33	11107730000	Feed roller spring adjuster	1	
34	A311000000C	Nut	2	M10
35	A501000000C	Plain washer	2	M10
36	A310800000C	Nut	2	M8
37	A500800000C	Plain washer	2	M8
38	12014970000	B tension adjuster	1	
39	A7718150000	Dry plain bearing	2	LFB1815
40	14504950002	Blower belt tension arm	1	
41	12004960001	Blower belt tension spring	1	
42	A751500000C	E ring	2	E-15
43	A8401070500	Tension pulley	1	VFF7050-6202W
44	A501200000C	Plain washer	2	M12
45	A160802000C	Bolt	1	M8×20 P2
46	A161002500C	Bolt	2	M10×25 P2
47	A501000000C	Plain washer	2	M10
48	11124210000	Pump pulley	1	
49	A250601000A	Hexagon socket set screw	1	M6×10
50	-	Parallel key	1	5×5×18 (accessory)

Fig. 8 Feeding system(2)

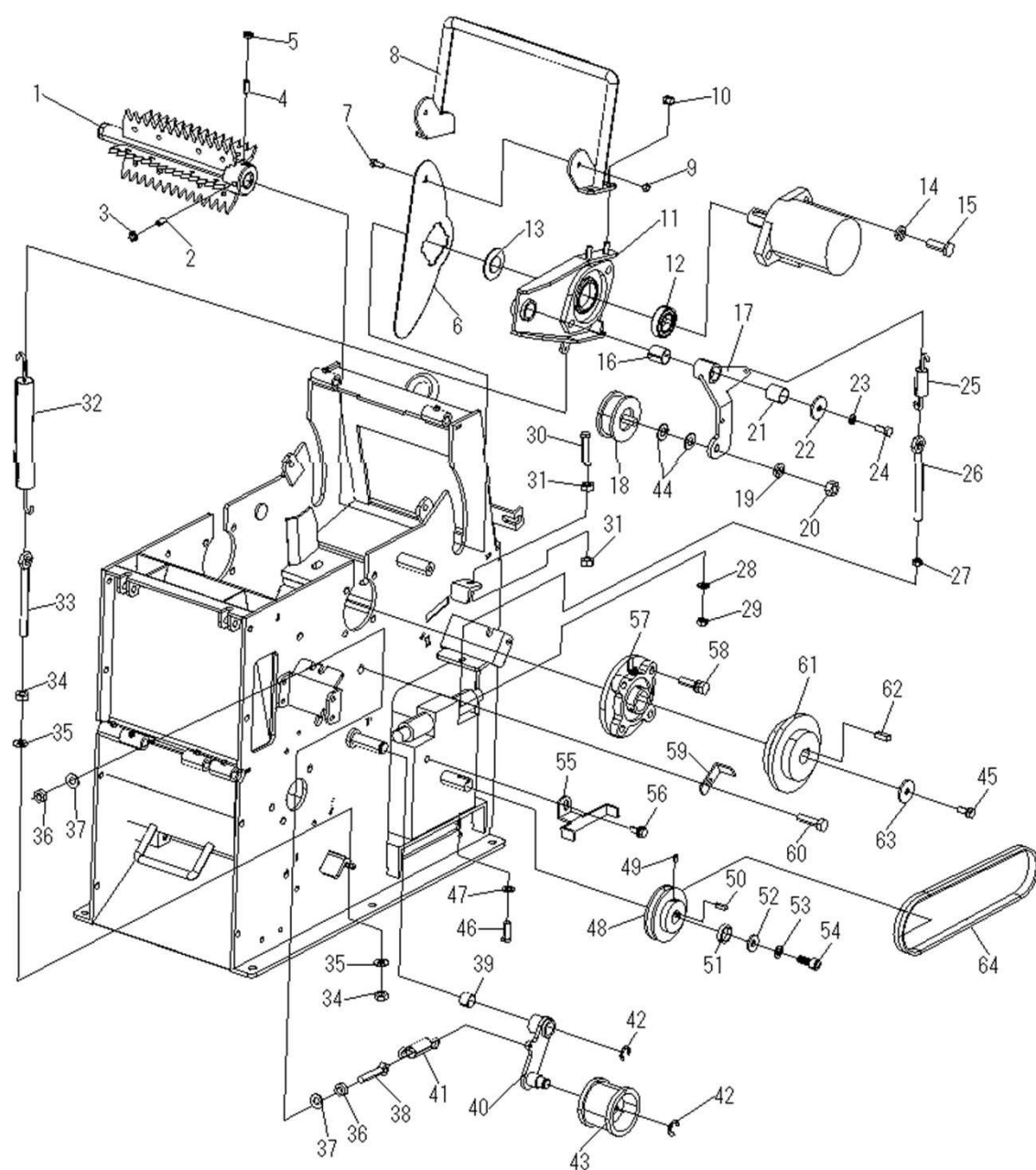


Fig. 8 Feeding system(2)

No.	Part No.	Part name	Qty/unit	Remarks
51	11124940000	Hydraulic pulley spacer	1	
52	A501030250C	Thick plain washer	1	M10
53	A581000000C	Spring washer	1	M10
54	A241002500A	Hexagon socket bolt	1	M10×25
55	12014460000	Hydraulic belt stay A	1	
56	A140802000C	Bolt	1	M8×20 P3
57	A702020600N	Ball bearing unit	1	
58	A161004000C	Bolt	3	M10×40 P2
59	14504480003	Hydraulic belt stay B	1	
60	A140801600C	Bolt	1	M8×16 P3
61	12014770000	Rotor pulley (2)	1	
62	A680807220A	Parallel key	1	8×7×22 one rounded, one square ended
63	A500832350C	Plain washer	1	t3.2×9×35
64	A81SB010043	Hydraulic belt	1	SB-43

Fig. 9-1 Hopper

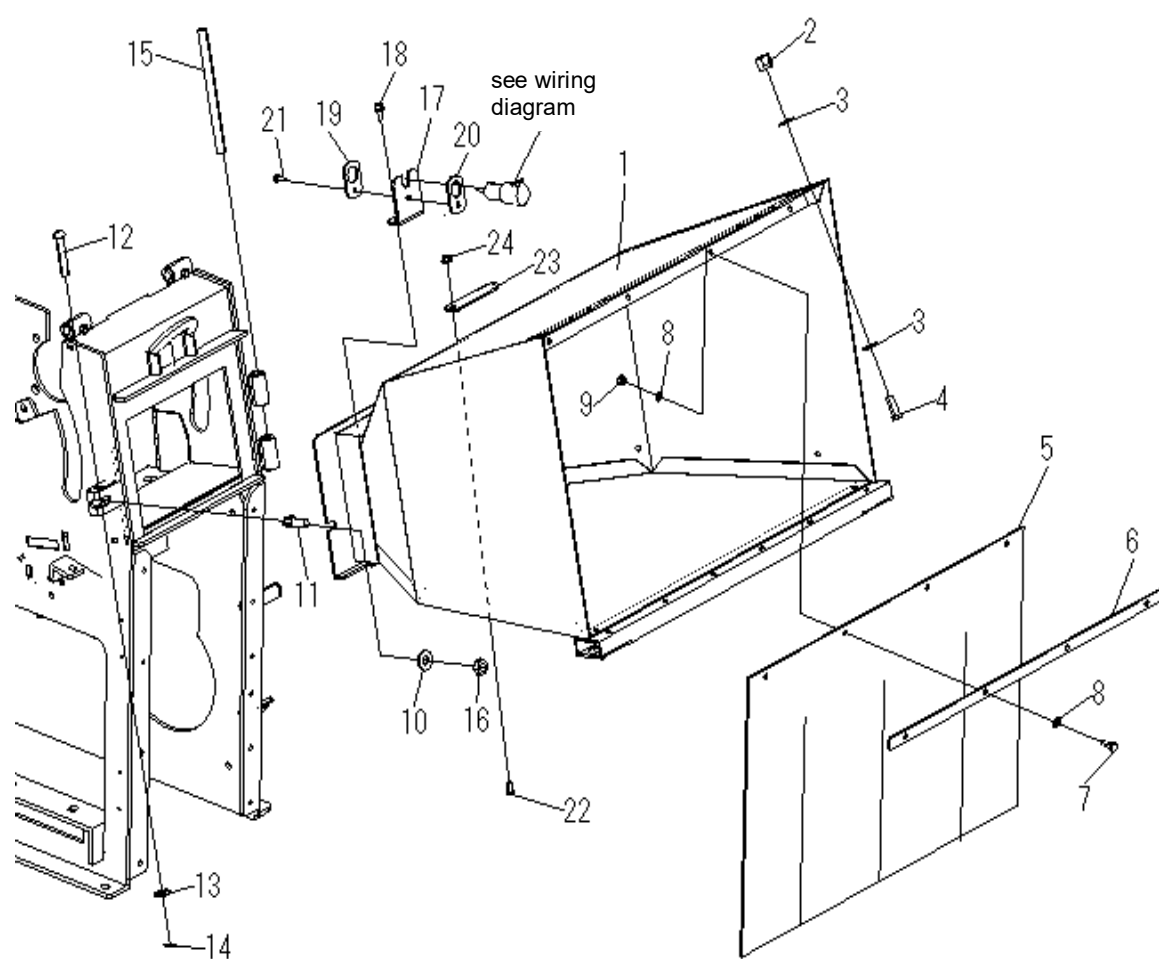


Fig. 9-1 Hopper

No.	Part No.	Part name	Qty/unit	Remarks
1	E12018010000	Hopper 1	1	
2	A331001500C	High nut	2	M10×15
3	A501000000C	Plain washer	4	M10
4	A111002500C	Bolt	2	M10×25
5	E12008210000	Chip guard	1	
6	E12008220000	Chip guard lock	1	
7	A110601800C	Bolt	4	M6×18
8	A500600000C	Plain washer	8	M6
9	A341000000C	U Nut	1	M10
10	A501032250C	Thick plain washer	1	M10
11	11106013000	Hopper bolt	1	M10×50
12	A621005010C	Round head pin	1	M10×50
13	A501000000C	Plain washer	1	M10
14	A602520000C	Split pin	1	φ2.5×20
15	11108850000	Hinge pin	1	
16	A351000001C	Nylon U nut	1	M10
17	E12018150000	Safety spring washer support	1	
18	A170601600C	Upset hexagon bolt	2	M6×16
19	E14508530000	Switch guard A	1	
20	E14508540000	Switch guard B	1	
21	A200501200D	Torx screw	1	M5×12
22	A280601200C	Cross recessed truss screw	1	M6 x 12 (00139 serial~)
23	A880206501C	Clip	2	(00139 serial~)
24	A430600000C	Flange nut	1	M6 (00139 serial~)

Fig. 9-2 Hopper

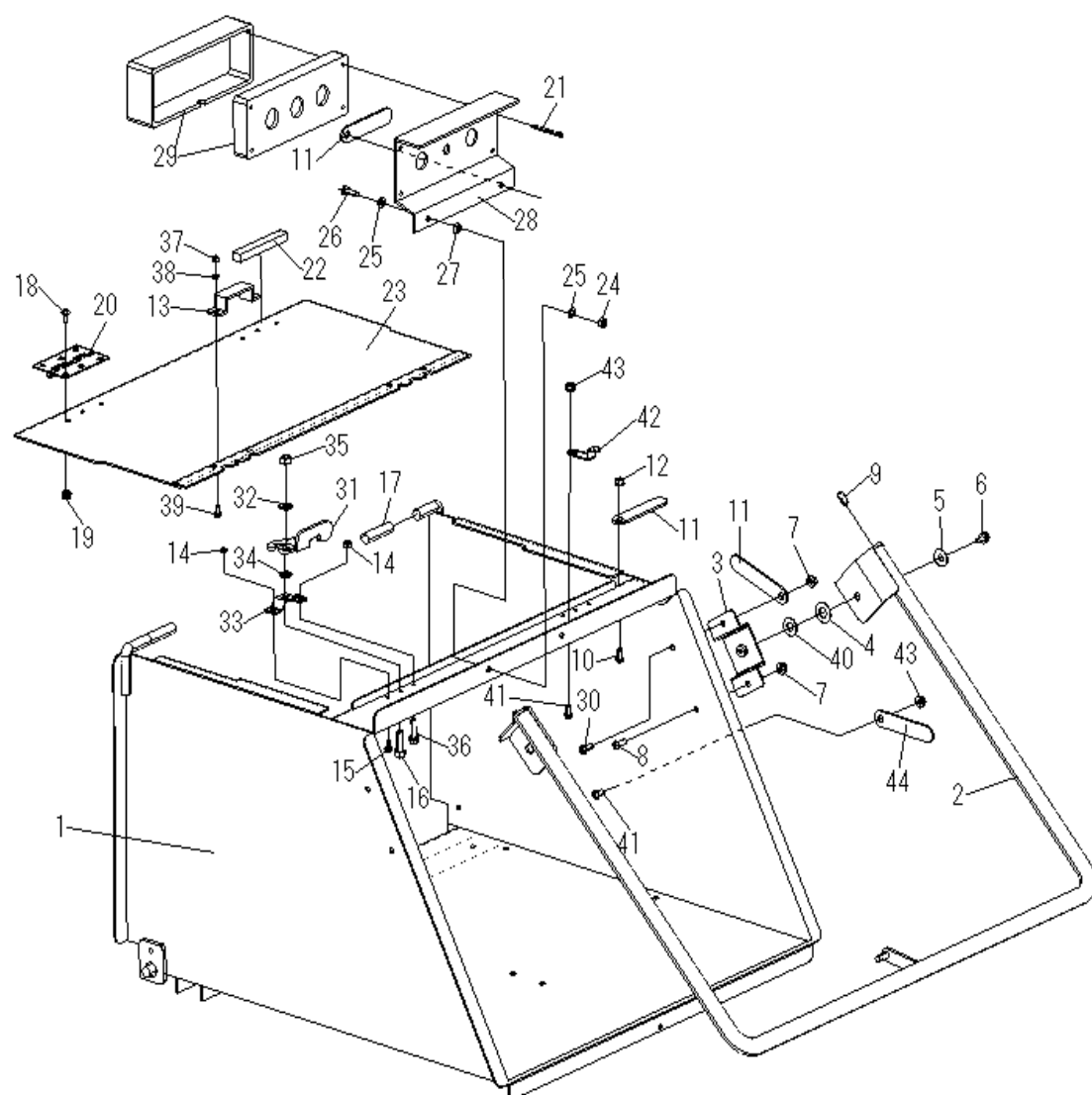


Fig. 9-2 Hopper

No.	Part No.	Part name	Qty/unit	Remarks
1	E12018020000	Hopper 2	1	
2	E12008410000	SW Lever	1	
3	E12008430000	SW Lever Support	2	
4	A501200000C	Plain washer	2	M12
5	A500616190C	Plain washer	2	t1.6×6×19
6	A170601200C	Upset hexagon bolt	2	M6×12
7	A430600000C	Flange nut	4	M6
8	A280601200C	Cross recessed truss screw	3	M6×12
9	A7601100700	Cap	2	
10	A280601200C	Cross recessed truss screw	1	M6×12
11	A880206501C	Clip	2	
12	A430600000C	Flange nut	1	M6
13	E14508350000	Crescent receiver	2	
14	A440600000C	Terminal nut	4	M6
15	A170602500C	Upset hexagon bolt	2	M6×25
16	A110803000C	Bolt	2	M8×30
17	12508910000	Vinyl hose	2	
18	A280501600C	Cross recessed truss screw	12	M5×16
19	A440500000C	Terminal nut	12	M5
20	11201410000	Hinge	2	TH-TM-90
21	A080404000B	Log screw	4	M4×40
22	E10626980000	CR sponge	4	
23	E14508030000	Hopper 2 doors	1	
24	A340600000C	U nut	2	M6
25	A500600000C	Plain washer	4	M6
26	A110601800C	Bolt	2	M6×18
27	11108830000	Grommet	2	
28	E14508510000	Switch bracket	1	
29	11128560000	SW box	1	
30	A280601600C	Cross recessed truss screw	1	M6×16
31	E14508330000	Crescent lock	2	
32	A500800000C	Plain washer	2	M8
33	E14508340000	Crescent mounting part	2	
34	A5508000000	Disc spring	6	M8
35	A310800000C	Nut	2	M8
36	A170601600C	Upset hexagon bolt	2	M6×16
37	A340600000C	U nut	4	M6
38	A500600000C	Plain washer	4	M6
39	A170601600C	Upset hexagon bolt	4	M6×16
40	A5712000000	Wave washer	2	M12 Serial No. 00130~
41	A280601200C	Cross recessed truss screw	2	M6 x 12 (00139 serial~)
42	E12015910000	Short clip	1	(00139 serial ~)
43	A430600000C	Flange nut	2	M6 (00139 serial~)
44	A880206501C	Clip	1	(00139 serial~)

Fig. 9-3 Hopper

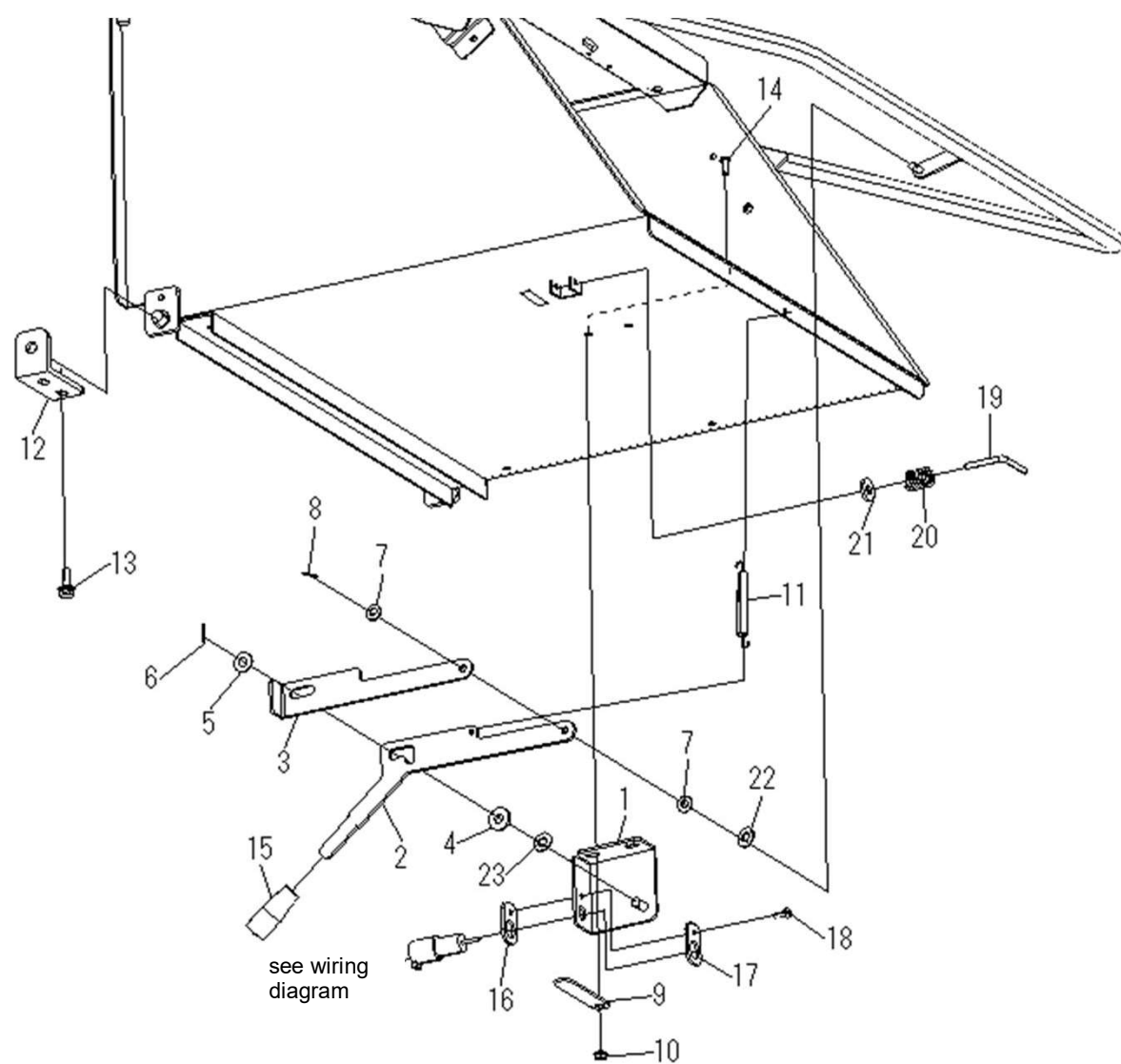


Fig. 9-3 Hopper

No.	Part No.	Part name	Qty/unit	Remarks
1	E14508460000	Lever SW bracket	1	
2	E12008440001	SW lever link 1	1	
3	E12008450000	SW lever link 2	1	
4	A501032250C	Thick plain washer	1	M10
5	A501000000C	Plain washer	1	M10
6	A602520000C	Split pin	1	φ2.5×20
7	A500800000C	Plain washer	2	M8
8	A602520000C	Split pin	1	φ2.5×20
9	A880206501C	Clip	1	
10	A430600000C	Flange nut	2	M6
11	10705350000	D tension spring	1	
12	E12008070000	Hopper hinge	2	
13	A140802500C	Bolt	4	M8×25 P3
14	A280601600C	Cross recessed truss screw	2	M6×16
15	A78N2010012	Handle rubber	1	
16	E14508540000	Switch guard B	1	
17	E14508530000	Switch guard A	1	
18	A200501200D	Torx screw	1	M5×12
19	11508180000	Hopper lock pin	1	
20	11508160000	Lock pin spring	1	
21	11508170000	Push nut	1	
22	A5708000000	Wave washer	1	M8
23	A5710000000	Wave washer	1	M10

Fig. 10 Wiring

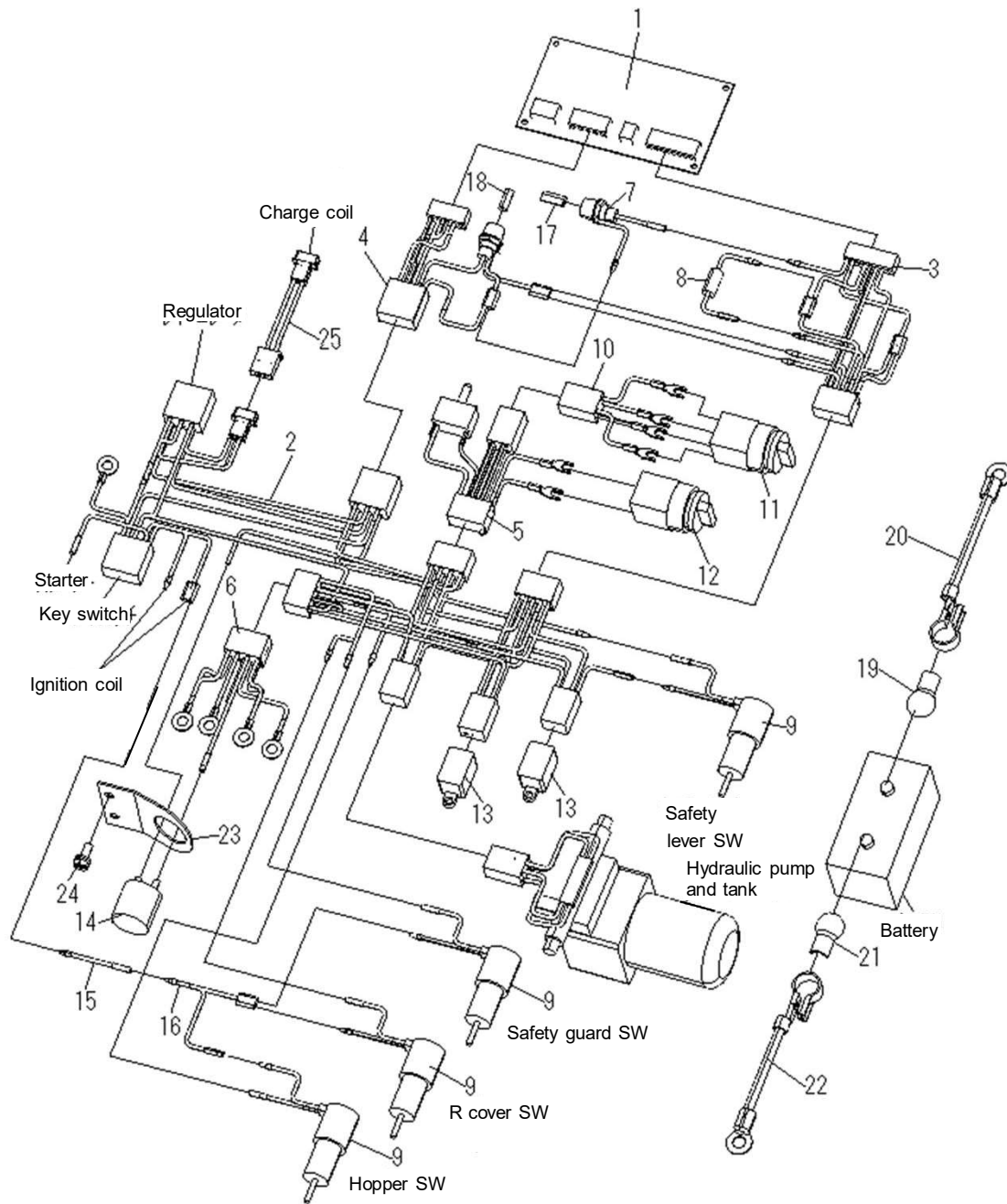


Fig. 10 Wiring

No.	Part No.	Part name	Qty/unit	Remarks
1	E12015780000	Valve control board	1	MR-EF
2	E12015920100	Cord 1	1	1.E1-2.E1-3.10-2 11-2.13.14.9-2.20. 9-4.29.30.31.32.35.36 40-1.38.41-1.42.43 53.56.57.58.59.60.61.62 63.64.65.66.67.68.A1. E3.50-1.50-2
3	E12015920200	Cord 2	1	E.E1-1.8.9-1.10-1 11-2.12.37.39. 40-2.41-2.44
4	E12015920300	Cord 3	1	2.3.4.7.25.26.27.28. Fuse Holder 10A
5	E12015920400	Cord 4	1	15.16.17.18.33.34.45.46
6	E12015920500	Cord 5	1	E2.A2.54
7	E12015871000	Fuse Holder B (1A)	1	5.6
8	E12015920600	Diode	1	47.48
9	E12005923200	Safety sensor	4	NC
10	E12015980000	Feed control switch SW wire	1	21.22.23.24
11	11115850010	Feed control switch	1	
12	11115850020	Mode switch	1	
13	10615830000	Relay	2	
14	9162-938000	Hour meter	1	
15	E12015920700	Cord 7	1	51
16	E12015920800	Cord 8	1	49.52
17	A9905212501	Fuse	1	1A
18	A9905212510	Fuse	1	10A
19	11105960200	Black cord cap	1	
20	11105940200	Battery cord (-)	1	760mm
21	11105960100	Red cord cap	1	
22	11105940100	Battery cord (+)	1	1160mm
23	11125890000	Hour meter support	1	
24	A170601600C	Upset hexagon bolt	2	M6×16
25	E12015920900	Cord 9	1	69.7

Fig. 11 Cover - Accessory tool

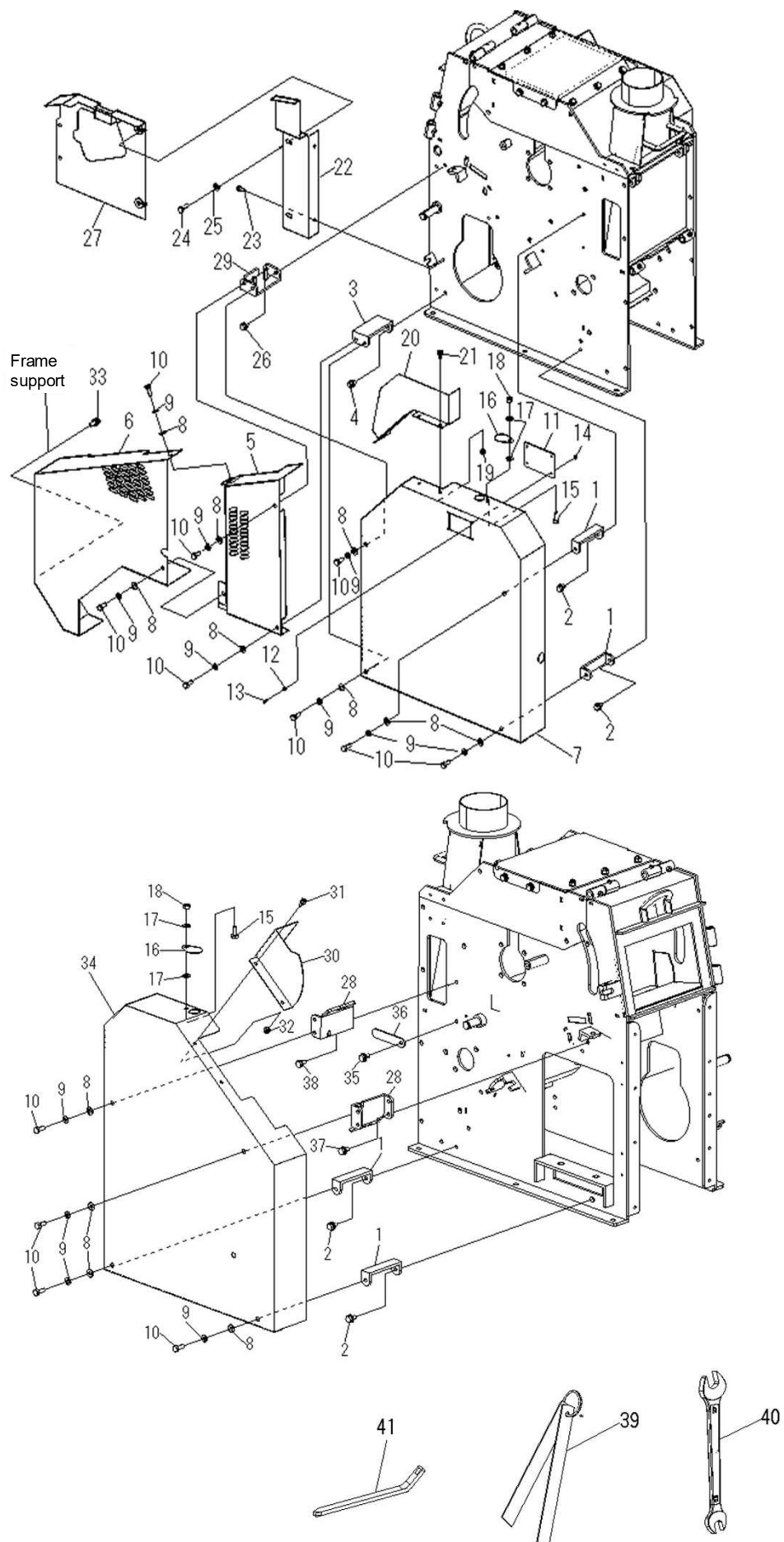


Fig. 11 Cover - Accessory tool

No.	Part No.	Part name	Qty/unit	Remarks
1	11126910000	Cover stay 1	4	
2	A140801800C	Bolt	4	M8×18 P3
3	11126920000	Cover stay 2	1	
4	A140801800C	Bolt	2	M8×18 P3
5	E12016820000	Side cover E1	1	Homda
6	E12016830000	Side cover E2	1	Homda
7	E12016860000	Side cover (right)	1	
8	A500800000C	Plain washer	12	M8
9	A580800000C	Spring washer	12	M8
10	A110802000C	Bolt	12	M8×20
11	E10626790000	Verification window	1	
12	A500400000C	Plain washer	4	φ4
13	A270401000C	Cross recessed pan small screw	4	M4×10
14	A310400000C	Nut	4	M4
15	A110802000C	Bolt	2	M8×20
16	E12006770000	Blind cover	2	
17	A500800000C	Plain washer	4	φ8
18	A340800000C	U nut	2	M8
19	A440600000C	Terminal nut	4	M6
20	E12016760000	Side sub cover R	1	
21	A170601600C	Upset hexagon bolt	4	M6×16
22	E12016730000	Inner cover E2	1	
23	A170601600C	Upset hexagon bolt	2	M6×16
24	A110802500C	Bolt	2	M8×25
25	A500800000C	Plain washer	2	φ8
26	A140801800C	Bolt	2	M8×18 P3
27	E12016720000	Inner cover E1	1	
28	14506930000	Cover stay 3	2	
29	11136900000	Cover stay 4	1	
30	E12006780000	Side sub cover L	1	
31	A170601600C	Upset hexagon bolt	2	M6×16
32	A440600000C	Terminal nut	2	M6
33	A140802500C	Bolt	1	M8×25
34	E12006880000	Side cover (left)	1	
35	A140801800C	Bolt	1	M8×18 P3
36	A880206501C	Clip	1	
37	A140802000C	Bolt	2	M8×20
38	A140801600C	Bolt	2	M8×16
39	B9800150000	150mm scale	2	
40	11129900000	Accessory tool set (Double-ended wrench 8×10 Double-ended wrench 10×13 Double-ended wrench 13×17 Double-ended wrench 17×19 Double-ended wrench 22×24 Wrench 17×19 Allen wrench 3mm Allen wrench 4mm Allen wrench 5mm Allen wrench 8mm	1 1 1 1 1 1 1 1 1 1	
41	B7102150000	Cable Tie (Black)	-	150mm
	B7102300000	Cable Tie (Black)	-	300mm



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