

PARTS LIST

Spring Balancer

ELF-15

ELF-40

ELF-70

ELF-22

ELF-50

ELF-30

ELF-60

This Parts List covers products from 2021 onwards. Please contact us for any inquiries regarding other parts of the product.

1. Introduction

- Please use only genuine parts for replacements or repairing.

- Scope of the parts list

This parts list shows parts for the Spring balancer ELF series. Models are as below.

Model	Capacity range (kg)	Factory Setting Load (kg)	Stroke (m)	Wire rope diameter (φ mm)	Mass (kg)
ELF-15	9.0~15.0	12	2.5	4.76	10.0
ELF-22	15.0~22.0	18	2.5	4.76	10.2
ELF-30	22.0~30.0	26	2.5	4.76	11.0
ELF-40	30.0~40.0	35	2.5	4.76	14.5
ELF-50	40.0~50.0	45	2.5	4.76	14.9
ELF-60	50.0~60.0	55	2.5	4.76	17.1
ELF-70	60.0~70.0	65	2.5	4.76	18.0

- How to find the parts from the list

Please refer the reference number on the exploded view and choose the parts from the list according to its reference number.

Ref. No	Parts No.	Description	Quantity			Remarks
			ELF-15	ELF-22	ELF-30	
—	LBP001364	Casing assembly	1	1	1	
1	P2B100155	—Casing	1	1	1	
—	LBP000215	—Hook complete	1	1	1	
2	—	— — Hook	1	1	1	
—	LBP000216	— — Latch set	1	1	1	
3	—	— — — Latch	1	1	1	
4	—	— — — Spring	1	1	1	
5	—	— — — Rivet	1	1	1	
6	—	— — Shaft	1	1	1	

The mark indicates the range of the set or the complete unit.

- How to order the parts

Please inform us or our distributors of the parts information which include the model, part description, parts number and quantity.

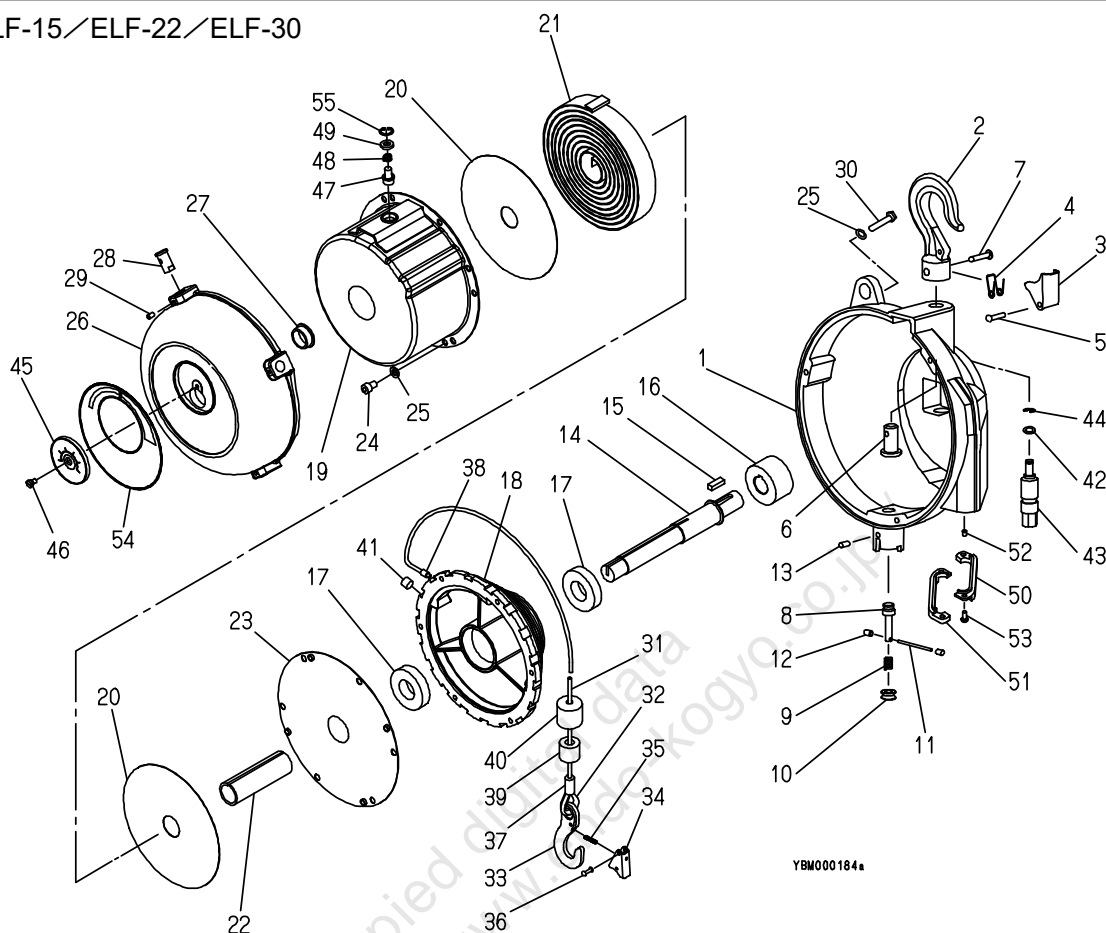
Example

model: ELF-15 parts name: drum parts number: P2B100006 quantity: 1

2. Parts list

2-1 Spring balancer Body

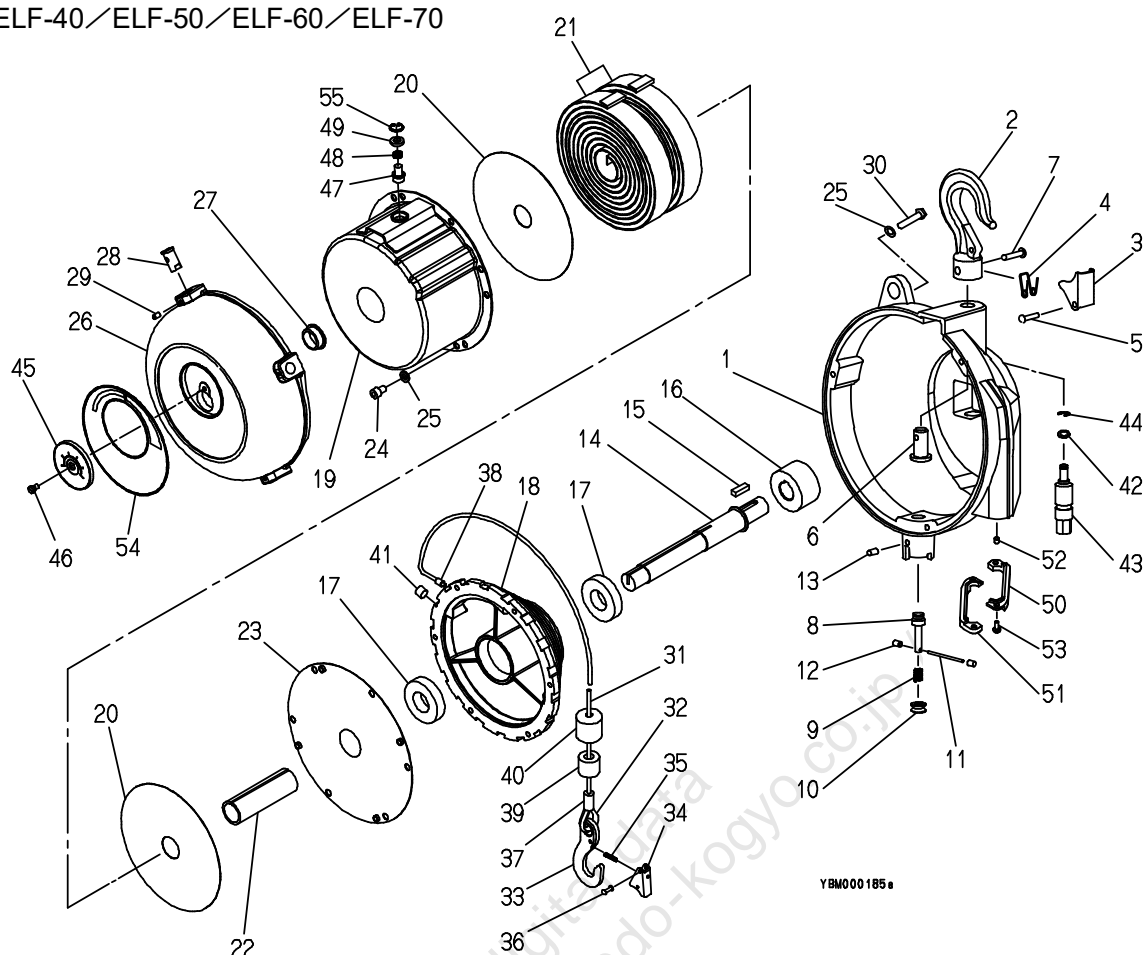
■ ELF-15/ELF-22/ELF-30



Ref. No	Parts No.	Description	Quantity			Remarks
			ELF-15	ELF-22	ELF-30	
—	LBP001364	Casing assembly	1	1	1	
1	P2B100155	—Casing	1	1	1	
—	LBP000215	—Hook complete	1	1	1	
2	—	— — Hook	1	1	1	
—	LBP000216	— — Latch set	1	1	1	
3	—	— — — Latch	1	1	1	
4	—	— — — Spring	1	1	1	
5	—	— — — Rivet	1	1	1	
6	—	— — Shaft	1	1	1	
7	—	— — Rivet	1	1	1	
—	LBP001366	—Drum lock assembly	1	1	1	
8	—	— — Pin	1	1	1	
9	—	— — Spring	1	1	1	
10	—	— — Collar	1	1	1	
11	—	— Spring pin	1	1	1	
12	P2B400359	Cap	2	2	2	
13	P2B400041	Set screw	1	1	1	
14	P2B300052	Spindle	1	—	—	
14	P2B300053	Spindle	—	1	1	
15	P2B400164	Key	1	1	1	
16	P2B300051	Worm wheel	1	1	1	
17	KA60103040	Ball bearing	2	2	2	

Ref. No	Parts No.	Description	Quantity			Remarks
			ELF-15	ELF-22	ELF-30	
18	P2B100006	Drum	1	1	1	
—	LBP000607	Spring assembly	1	—	—	
—	LBP000608	Spring assembly	—	1	—	
—	LBP000609	Spring assembly	—	—	1	
19	—	—Spring case	1	1	1	
20	—	—Plate	2	2	2	
21	—	—Spring	2	1	1	
22	—	—Bushing	1	1	1	
—	LBP001823	—Safety pin set	1	1	1	
47	—	— — Safety pin	1	1	1	
48	—	— — Spring	1	1	1	
49	—	— — Spacer	1	1	1	
55	—	— — Retaining ring	1	1	1	
23	—	—Cover	1	1	1	
24	KA00910610	Cap screw	6	6	6	
25	KA31120600	Spring washer	10	10	10	
—	LBP001367	Cover assembly	1	—	—	
—	LBP001368	Cover assembly	—	1	1	
—	LBP001371	—Cover complete	1	—	—	
—	LBP001372	—Cover complete	—	1	1	
26	—	— — Cover	1	1	1	
27	—	— — Bushing	1	1	1	
28	P2B400045	—Pin	4	4	4	
29	P2B400042	—Set screw	4	4	4	
30	KA00120642	Hex. head bolt	4	4	4	
—	LBP000223	Wire rope assembly	1	1	1	
31	—	—Wire rope	1	1	1	
32	—	—Thimble	1	1	1	
—	LBP002127	—Hook complete	1	1	1	
33	—	— — Hook	1	1	1	
—	LBP002128	— — Latch set	1	1	1	
34	—	— — — Latch	1	1	1	
35	—	— — — Spring	1	1	1	
36	—	— — — Rivet	1	1	1	
37	—	—Lock tube	1	1	1	
38	—	—Lock tube	1	1	1	
39	P2B400151	—Collar	1	1	1	
40	P2B400148	—Buffer	1	1	1	
41	P2B400179	Plug	1	1	1	
42	P2B400163	Washer	1	1	1	
43	P2B300063	Worm	1	1	1	
44	KA40310060	Retaining ring	1	1	1	
45	P2B300066	Gauge	1	—	—	
45	P2B300067	Gauge	—	1	—	
45	P2B300068	Gauge	—	—	1	
46	P2B400165	Screw	1	1	1	
—	LBP001375	Wire guide set	1	1	1	
50	—	—Wire guide	1	1	1	
51	—	—Wire guide	1	1	1	
52	P2B401352	—Spacer	2	2	2	
53	P2B401213	—Hex. socket button bolt	2	2	2	
54	P2B300989	Name plate	1	—	—	
54	P2B300990	Name plate	—	1	—	
54	P2B300991	Name plate	—	—	1	

■ ELF-40/ELF-50/ELF-60/ELF-70



Ref. No	Parts No.	Description	Quantity				Remarks
			ELF-40	ELF-50	ELF-60	ELF-70	
—	LBP001365	Casing assembly	1	1	1	1	
1	P2B100156	—Casing	1	1	1	1	
—	LBP000215	—Hook complete	1	1	1	1	
2	—	— —Hook	1	1	1	1	
—	LBP000216	— —Latch set	1	1	1	1	
3	—	— — —Latch	1	1	1	1	
4	—	— — —Spring	1	1	1	1	
5	—	— — —Rivet	1	1	1	1	
6	—	— —Shaft	1	1	1	1	
7	—	— —Rivet	1	1	1	1	
—	LBP001366	—Drum lock assembly	1	1	1	1	
8	—	— —Pin	1	1	1	1	
9	—	— —Spring	1	1	1	1	
10	—	— —Collar	1	1	1	1	
11	—	— —Spring pin	1	1	1	1	
12	P2B400359	Cap	2	2	2	2	
13	P2B400041	Set screw	1	1	1	1	
14	P2B300287	Spindle	1	1	—	—	
14	P2B300288	Spindle	—	—	1	1	
15	P2B400482	Key	1	1	1	1	
16	P2B300289	Worm wheel	1	1	1	1	
17	KA60103050	Ball bearing	2	2	2	2	
18	P2B100053	Drum	1	1	1	1	
—	LBP000610	Spring assembly	1	—	—	—	
—	LBP000611	Spring assembly	—	1	—	—	

Ref. No	Parts No.	Description	Quantity				Remarks
			ELF-40	ELF-50	ELF-60	ELF-70	
—	LBP000612	Spring assembly	—	—	1	—	
—	LBP000613	Spring assembly	—	—	—	1	
19	—	— Spring case	1	1	1	1	
20	—	— Plate	2	2	2	2	
21	—	— Spring	2	2	2	2	
22	—	— Bushing	1	1	1	1	
—	LBP001140	— Safety pin set	1	1	1	1	
47	—	— — Safety pin	1	1	1	1	
48	—	— — Spring	1	1	1	1	
49	—	— — Spacer	1	1	1	1	
55	—	— — Retaining ring	1	1	1	1	
23	—	— Cover	1	1	1	1	
24	KA00910610	Cap screw	6	6	6	6	
25	KA31120600	Spring washer	10	10	10	10	
—	LBP001369	Cover assembly	1	1	—	—	
—	LBP001370	Cover assembly	—	—	1	1	
—	LBP001373	— Cover complete	1	1	—	—	
—	LBP001374	— Cover complete	—	—	1	1	
26	—	— — Cover	1	1	1	1	
27	—	— — Bushing	1	1	1	1	
28	P2B400045	— Pin	4	4	4	4	
29	P2B400042	— Set screw	4	4	4	4	
30	KA00120644	Hex. head bolt	4	4	4	4	
—	LBP000223	Wire rope assembly	1	1	1	1	
31	—	— Wire rope	1	1	1	1	
32	—	— Thimble	1	1	1	1	
—	LBP002127	— Hook complete	1	1	1	1	
33	—	— — Hook	1	1	1	1	
—	LBP002128	— — Latch set	1	1	1	1	
34	—	— — — Latch	1	1	1	1	
35	—	— — — Spring	1	1	1	1	
36	—	— — — Rivet	1	1	1	1	
37	—	— Lock tube	1	1	1	1	
38	—	— Lock tube	1	1	1	1	
39	P2B400151	— Collar	1	1	1	1	
40	P2B400148	— Buffer	1	1	1	1	
41	P2B400179	Plug	1	1	1	1	
42	P2B400163	Washer	1	1	1	1	
43	P2B300063	Worm	1	1	1	1	
44	KA40310060	Retaining ring	1	1	1	1	
45	P2B300280	Gauge	1	—	—	—	
45	P2B300281	Gauge	—	1	—	—	
45	P2B300282	Gauge	—	—	1	—	
45	P2B300283	Gauge	—	—	—	1	
46	P2B400165	Screw	1	1	1	1	
—	LBP001375	Wire guide set	1	1	1	1	
50	—	— Wire guide	1	1	1	1	
51	—	— Wire guide	1	1	1	1	
52	P2B401352	— Spacer	2	2	2	2	
53	P2B401213	— Hex. socket button bolt	2	2	2	2	
54	P2B300992	Name plate	1	—	—	—	
54	P2B301014	Name plate	—	1	—	—	
54	P2B301015	Name plate	—	—	1	—	
54	P2B301016	Name plate	—	—	—	1	

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