

PARTS MANUAL

Starke LiftMaxx Series

PT30-MINI

3000 lb. Electric Pallet Truck
2018-05



STARKE MATERIAL HANDLING GROUP

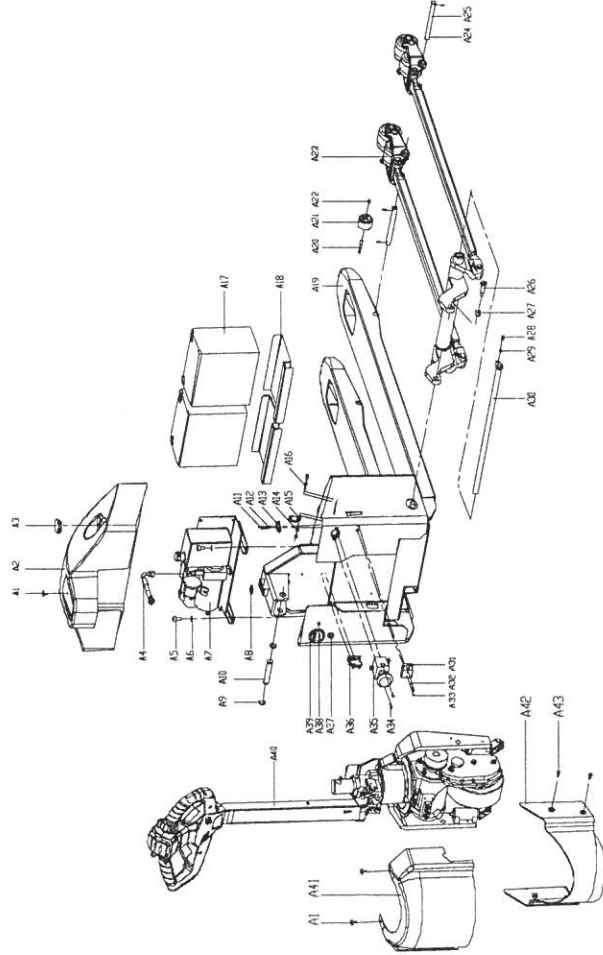
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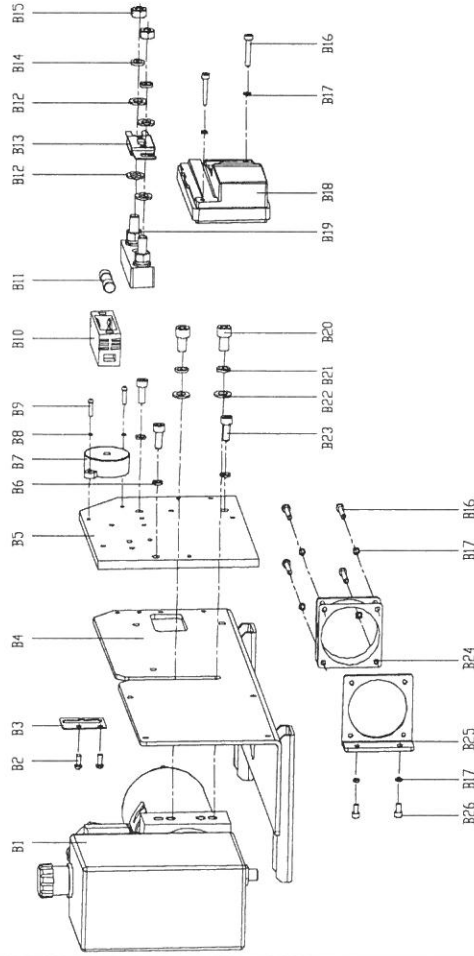
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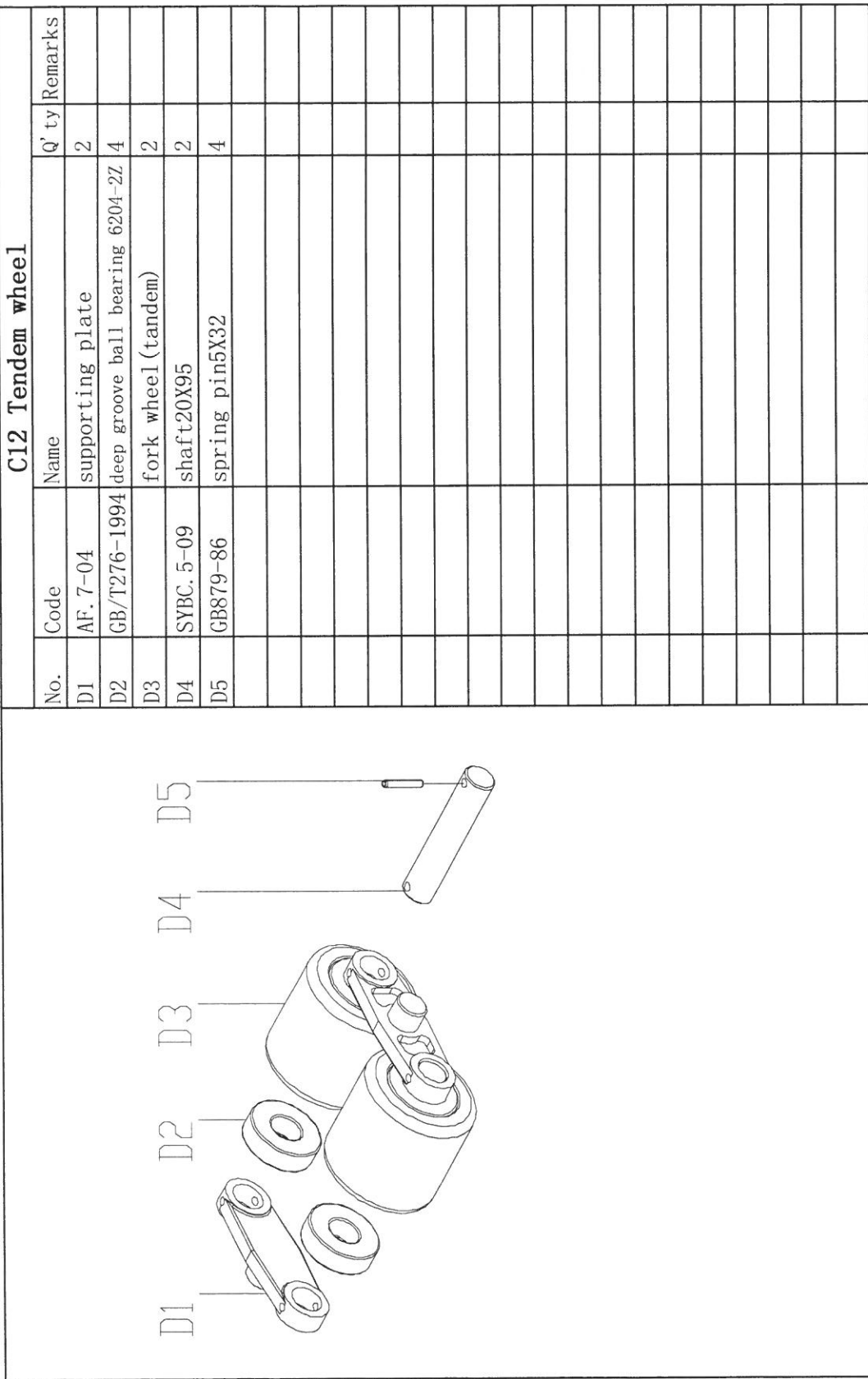
Final assembly (I)				
No.	Code	Name	Q' ty	Remarks
A1	CBD10A3B-10	round head screw M6X16	3	
A2	CBD15WE-03	upper cover	1	
A3	CBD15WE-04	end cap	1	
A4	CBD15WE-05	oil tube	1	
A5	GB/T 70.1-2000	hexagon socket head screw M10X16	2	
A6	GB/T 93-1987	standard spring washer 10	2	
A7	CBD15WE.7-00	integration assembly	1	
A8	C4806-B	cassette nut M6	1	
A9	GB/T 894.1-1986	circlip for shaft, A type 20	2	
A10	CL80-02	pin	1	
A11	GB/T 818-2000	screw M3X16	2	
A12	GB/T 95-2002	flat washer 3	2	
A13	XV-155-1C25	microswitch	2	
A14	GB/T 889.1-2000	lock nut M5	4	
A15	CBD15WE-06	snap	2	
A16	GB/T 70.1-2000	hexagon socket head screw M4X6	2	
A17	6-EVF-50	battery	2	
A18	CBD15WE-08	50Ah base plate	2	only for 50Ah battery
A19	CBD15WE.6-00	520 truck frame	1	
	CBD15WE.6-00	550 truck frame		
A20	CBD15WE.6-00-680	680 truck frame	2	
	GB/T 5782-2000	hexagon screw M6X50		
A21	WEC-05	small wheel	2	
A22	GB/T 889.1-2000	lock nut M6	2	
A23	CBD15WE.4-00	connecting rod and rock arm assembly	1	
A24	GB/T 879.1-2000	spring pin5X28	4	

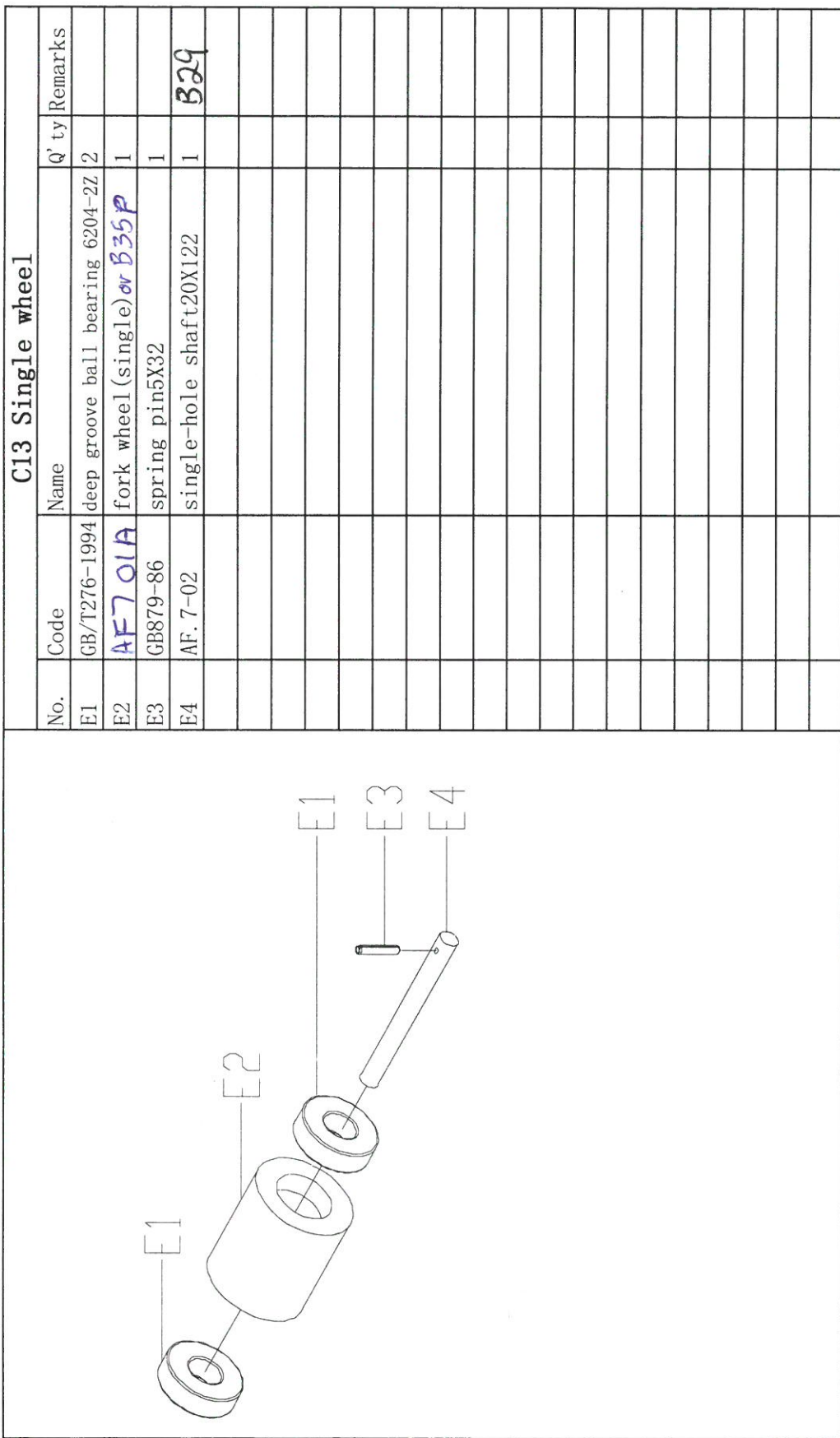


Final assembly II				
No.	Code	Name	Q' ty	Remarks

A7 Integration assembly				
No.	Code	Name	Q'ty	Remarks
B1	CBD15WE.7.1-00	Hydraulic power unit	1	
B2	GB/T 818-2000	screw M4X6	2	
B3	CBD15WE.7-03	fourteen-core supporting plate	1	
B4	CBD15WE.7.2-00	integration seat	1	
B5	CBD15WE.7-01	Aluminum plate	1	
B6	GB/T 93-1987	standard spring washer 6	3	
B7		buzzer	1	
B8	GB/T 93-1987	standard spring washer 3	2	
B9	GB/T 818-2000	screw M3X14	2	
B10		fuse seat	1	
B11		fuse 10A	1	
B12		fuse seat cover	1	
B13	GB/T 95-2002	flat washer 8	4	
B14		fuse 50A	1	
B15	GB/T 93-1987	standard spring washer 8	2	
B16	GB/T 6170-2000	(1 type hexagon nut) M8	2	
B17	GB/T 70.1-2000	hexagon socket head screw M4X30	6	
B18	GB/T 93-1987	standard spring washer 4	8	
B19		controller	1	
B20		fuse bracket	1	
B21	GB/T 70.1-2000	hexagon socket head screw M8X20	2	
B22	GB/T 93-1987	standard spring washer 8	2	
B23	GB/T 95-2002	flat washer 8	2	
B24	GB/T 70.1-2000	hexagon socket head screw M6X16	3	
B25		fan 24V	1	
B26	CBD15WE.7-04	supporting plate of fan	1	
B27	GB/T 70.1-2000	hexagon socket head screw M4X8	2	







A36 Limit switch assembly

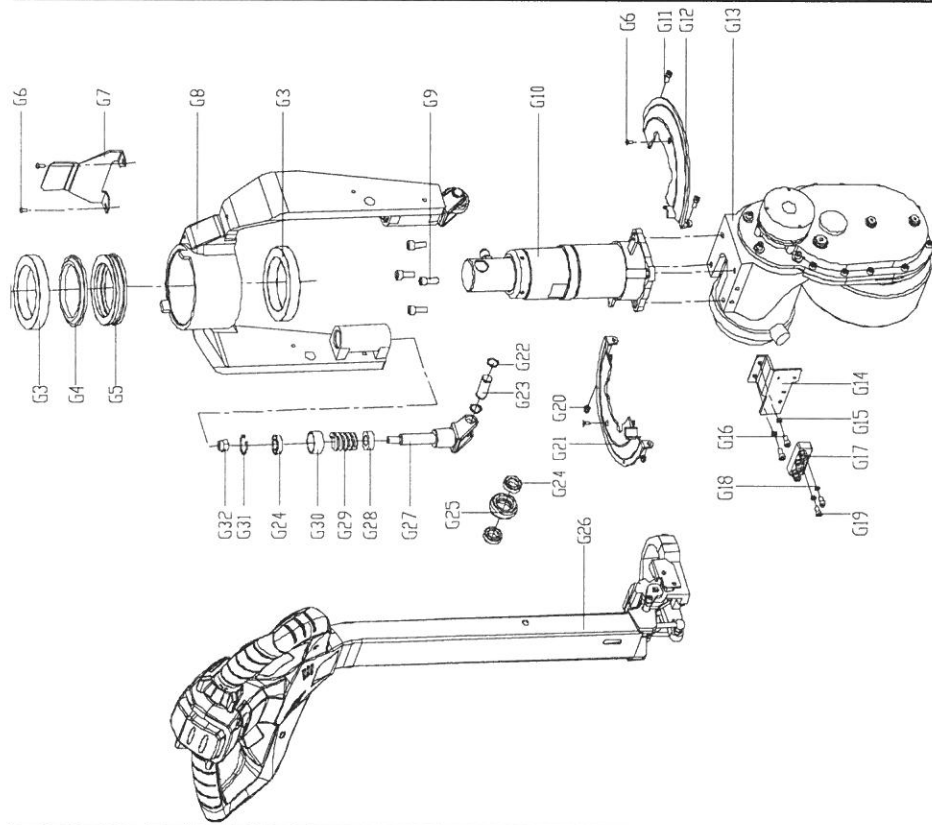
This diagram shows an exploded view of a mechanical assembly. The components are labeled as follows:

- F1**: A small circular washer or spacer.
- F2**: A small circular washer or spacer.
- F3**: A small circular washer or spacer.
- F4**: A rectangular plate with a central slot and two mounting holes.
- F5**: A long cylindrical pin or bolt.
- F6**: A small circular washer or spacer.
- F7**: A small circular washer or spacer.
- F8**: A small circular washer or spacer.

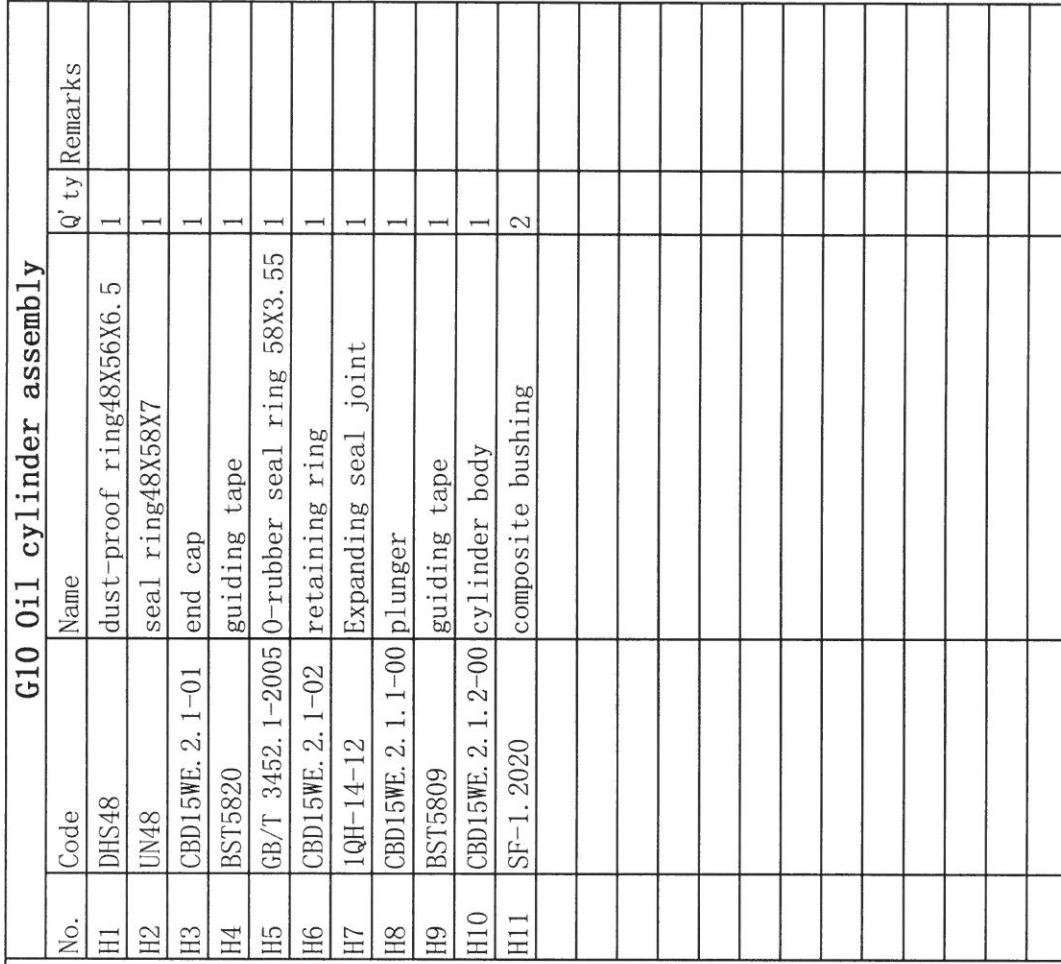
The assembly is shown in a disassembled state, with dashed lines indicating the alignment and intended position of each part. The parts are arranged in a linear fashion, with F1, F2, and F3 positioned at the top, followed by F4, F5, F6, F7, and F8 at the bottom.

A40 Steering mechanism assembly (一)				
No.	Code	Name	Q'ty	Remarks
G1	GB/T 894.1-1986	circlip for shaft, A type 80	1	
G2	CBD15WE. 2-01	dust cover	1	
G3	GB/T 276-1994	deep groove ball bearing 61916-SRS	2	
G4	CBD15WE. 2-02	retaining ring	1	
G5	GB/T 301-1995	undirectional thrust ball bearing 51116	1	
G6	GB/T 819.1-2000	cross recessed countersunk head screw M4X8	4	
G7	CBD15WE. 2-03	baffle	1	
G8	CBD15WE. 2.2-00	supporting base	1	
G9	GB/T 70.2-2000	hexagon round head screw M8X20	4	
G10	CBD15WE. 2.1-00	oil cylinder	1	
G11	GB/T 70.1-2000	hexagon socket head screw M5X14	2	
G12	CBD10A3B. 3.2.2-00	right disc	1	
G13	CBD15WE. 2.3-00	drive wheel	1	
G14	CBD15W-19	load line plate	1	
G15	GB/T 93-1987	standard spring washer 6	2	
G16	GB/T 70.1-2000	hexagon socket head screw M6X12	2	
G17	CBD15W-24	wiring terminal	1	
G18	GB/T 93-1987	standard spring washer 5	2	
G19	GB/T 70.1-2000	hexagon socket head screw M5X10	2	
G20	GB/T 889.1-2000	lock nut M5	2	
G21	CBD10A3B. 3.2.1-00	left disc	1	
G22	GB/T894.1-1986	circlip for shaft15	4	
G23	CBD10A-08	shaft	2	
G24	GB/T276-94	deep groove ball bearing61902-2RS	6	
G25	CBD10A3B-12	wheel	2	
G26	CBD15WE. 1-00	operation handle	1	

A40 Steering mechanism assembly (二)				
No.	Code	Name	Q'ty	Remarks
G1				
G2				

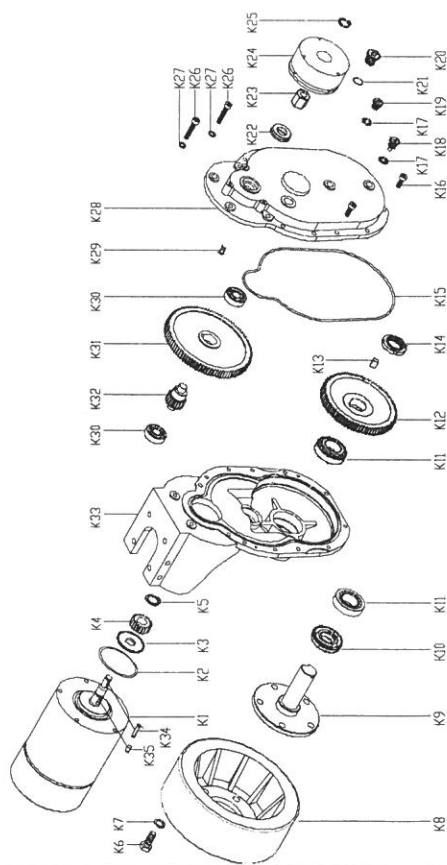


G27	CBD10A3B-07	universal wheel carriage	2	
G28	GB/T301-1995	thrust ball bearing51102	2	
G29	CBD15W. 8-01	spring 5X27X40	2	
G30	SF-1. 2815	composite bushing	2	
G31	GB/T 893. 2-1986	circlip for hole, B type 28	2	
G32	GB/T 889. 1-2000	lock nut M10	2	
G33				
G34				
G35				
G36				
G37				
G38				
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G49				
G50				
G51				
G52				



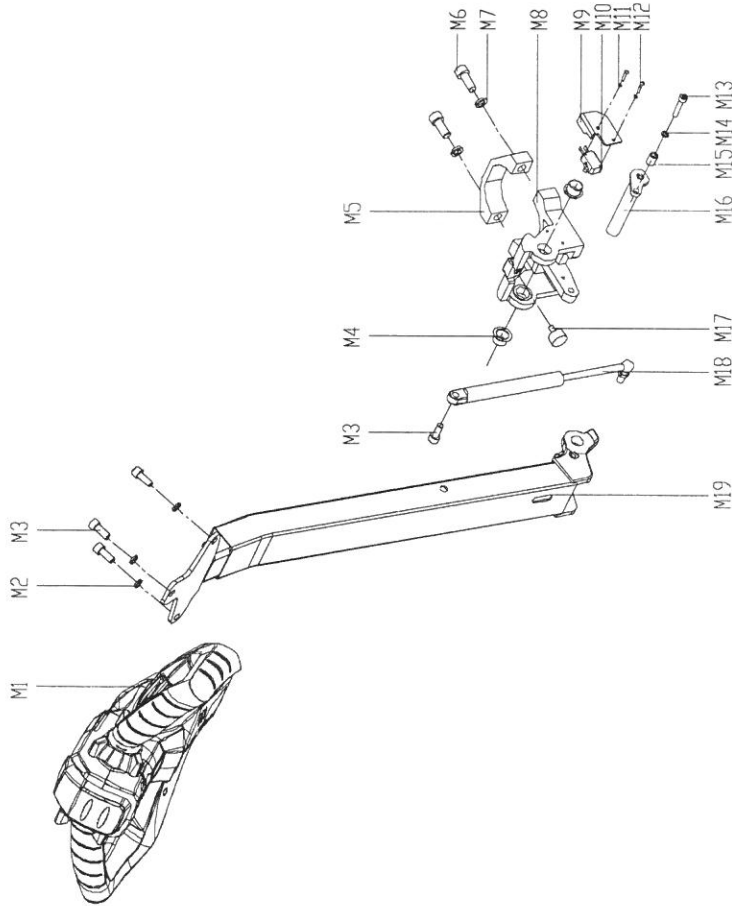
G13 Drive wheel assembly

No.	Code	Name	Q'ty	Remarks
K1	Z130D650-24A1-26.5S	motor	1	
K2	GB3452.1-92	0-ring56X2.65	1	
K3	CBD10A.5-13	oil retaining ring	1	
K4	CBD10A.5-04	gear1-19	1	
K5	GB/T894.1-1986	circlip for shaft15	1	
K6	GB5783-2000A	hexagon screwM10X20	5	
K7	GB93-1987	spring washer10	5	
K8	CBD15W.1-06	PU wheel195X70	1	
K9	CBD15W.1-05	wheel shaft	1	
K10	HG-692-67	skeleton rubber oil seal35-47-7	1	
K11	GB/T297-1994	tapered roller bearing32005(D class)	2	
K12	CBD15W.1-03	gear4-87	1	
K13	GB1096-79B	flat key8X18	1	
K14	CBD10A.5-08	round nutM25X1.5	1	
K15	CBD15W.1-04	2.65 seal ring	1	
K16	GB/T70.1-2000	hexagon socket head screwM6X15	10	
K17	JB982-77	combined washer10	2	
K18	CBD10A.5-10	oil outlet plug	1	
K19	CN.2-17	plug	1	
K20	AM.2-15	oil plug	1	
K21	GB3452.1-92	0-ring10X2.65	1	
K22	HG4-692-67	skeleton rubber oil seal14-25-5	1	
K23		brake connecting axle sleeve	1	with brake
K24	DHD-4	brake	1	
K25	GB894.1-86	circlip for shaft10	1	
K26	GB/T70.1-2000	hexagon socket head screwM6X35	4	
K27	GB93-1987	spring washer6	4	
K28	CBD15W.1-02	left gear box	1	
K29	GB1096-79C	flat key6X10	1	
K30	GB/T276-1994	deep groove ball bearing6201(D class)	2	
K31	CBD10A.5-05	gear 2-90	1	
K32	CBD10A.5-06	gear shaft3-17	1	
K33	CBD15W.1-01	right gear box	1	
K34	GB1096-79A	flat key3X16	1	
K35	GB1096-2003	A-flat key5X14	1	



also rubber-

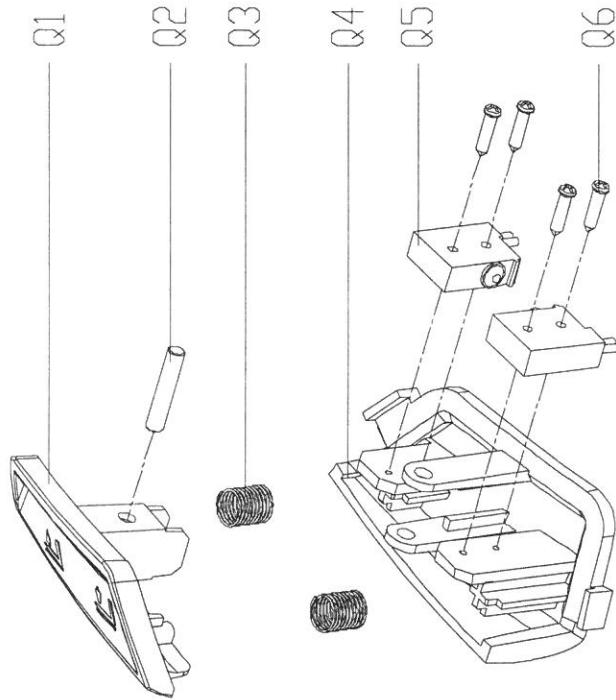
G26 Operation handle assembly				
No.	Code	Name	Q'ty	Remarks
M1	RYTN2-00	handle	1	
M2	GB/T 93-1987	standard spring washer 8	3	
M3	GB/T 70. 1-2000	M8X20	4	
M4	SF-IF 16120	purfled bearing	2	
M5	CBD15WE. 1-03	platen	1	
M6	GB/T 70. 1-2000	hexagon socket head screw M10X25	2	
M7	GB/T 93-1987	standard spring washer 10	2	
M8	CBD15WE. 1-01	handle seat	1	
M9	CBD15WE. 1-02	switch platen	1	
M10	XV-155-1C25	microswitch	1	0609101018
M11	GB/T 93-1987	standard spring washer 3	2	
M12	GB/T 818-2000	cross recessed countersink head screw. H type M16	2	
M13	GB/T 70. 1-2000	hexagon socket head screw M6X30	1	
M14	GB/T 93-1987	standard spring washer 6	1	
M15	CBD15WE. 1-04	axle sleeve	1	
M16	CBD15WE. 1.2-00	pin	1	
M17	CDD15RZ. 08-03	rubber block	1	
M18	CDD15RZ. 08-01	Damping gas spring (265)	1	
M19	CBD15WE. 1. 1-00	handle welding	1	

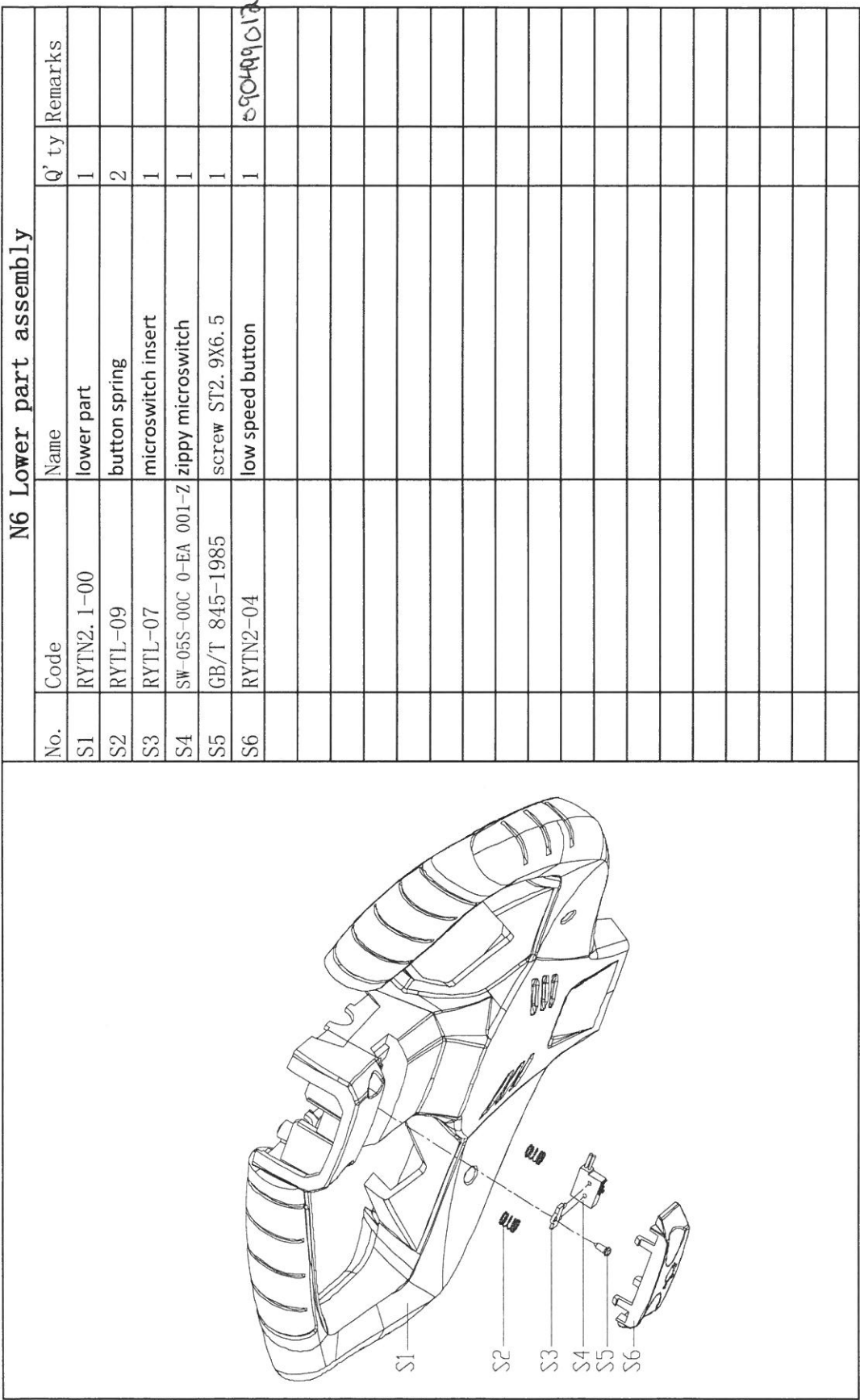


N1 Upper part assembly

This exploded view diagram illustrates the assembly of a motorcycle seat. The components are labeled as follows:

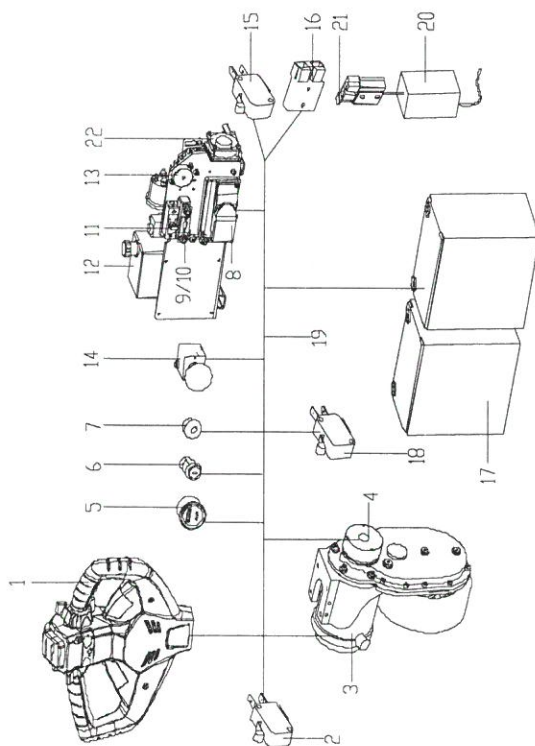
- P1**: The main seat cushion, shown with two oval cutouts.
- P2**: A small, curved plastic piece that fits into the side of the seat cushion.
- P3**: A rectangular plastic bracket or support piece.
- P4**: A complex plastic bracket that serves as a base for the rear of the seat.
- P5**: A small screw or bolt used for assembly.
- P6**: A small plastic pin or clip.
- P7**: A small plastic pin or clip.
- P8**: The main rear section of the seat, which includes the backrest and side panels.

[illegible]



Electrical list

No.	Code	Name	Q'ty	BOM No.	Remarks
1	RYTN2-00	control handle	1		
2	TMV164-C	handle switch	1	060901018	
3	Z130D650-24AI-26.5S	driving motor	1		
4	DHD-4	brake	1	060706006	
5	DXJ-808Y24BZ1	coulombmeter	1	060701514	
6	S286A-1	electric lock	1	060908034	
7	LED	LED/red 0805	1	060814019	
8	Curtis 1212P-2501	driving controller	1	0604456	
9	FU1	fuse/50A	1	060710035	
10		fuse bracket/FUJ-01	1	060805040	
11	FU2	fuse box/RT14-20/10×38	1	060806031	
12		fuse/RT14/10×38 (10A)	1	060805001	
13	HYD4216	hydraulic station/ (24V/0.8kw horizontal type)	1		
14	ZJK 125A	buzzer	1		
15	TMV164-C	DC power switch125A	1		
16	SR50	charging switch	1	060901018	
17	6-EVF-50	power connector/78184-00 red	1	060809060	
18	TMV164-C	battery/(12V/50AH)	2		
19	CBD15WE-01-02-DQ	height limit switch	1	060901018	
20	CH	wiring harness	1		
21	CBD15WE. 8-01	external charger/24V-6A	1		
22		power disconnect bracket	1		
		fan 24V	1		



Charger PF2405S-Factory P/N
CS24105R-North American charger