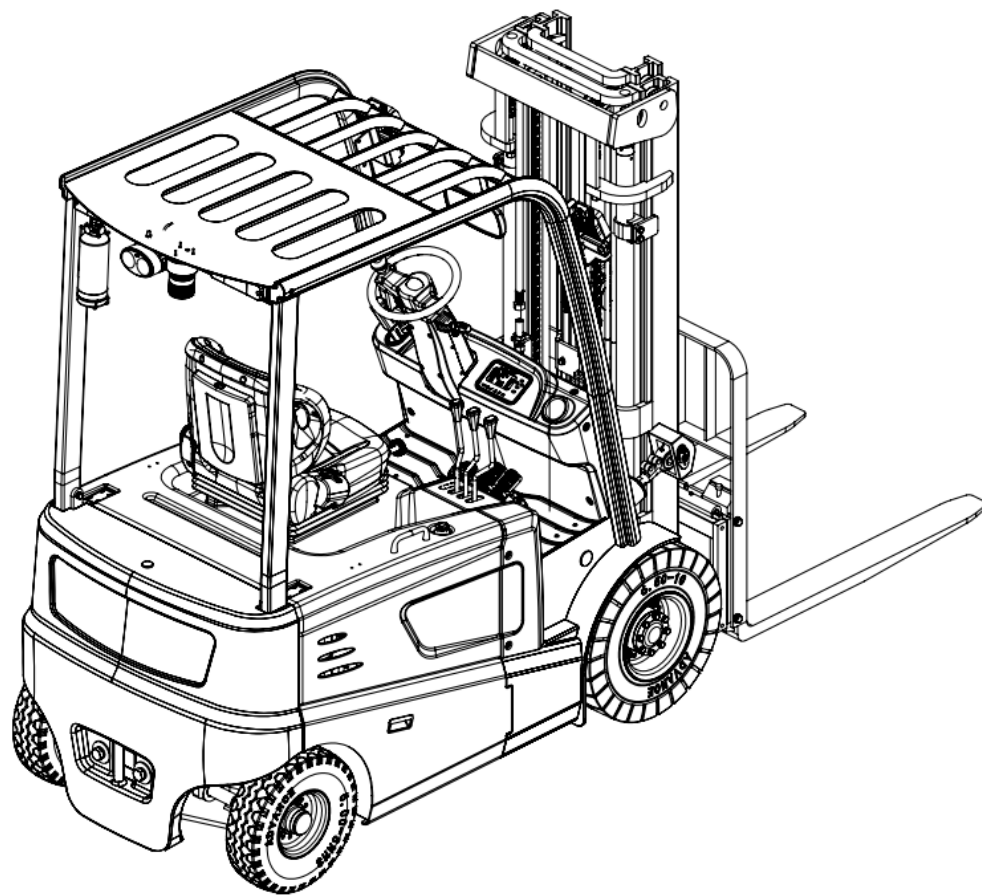




EK20Li/EK22Li

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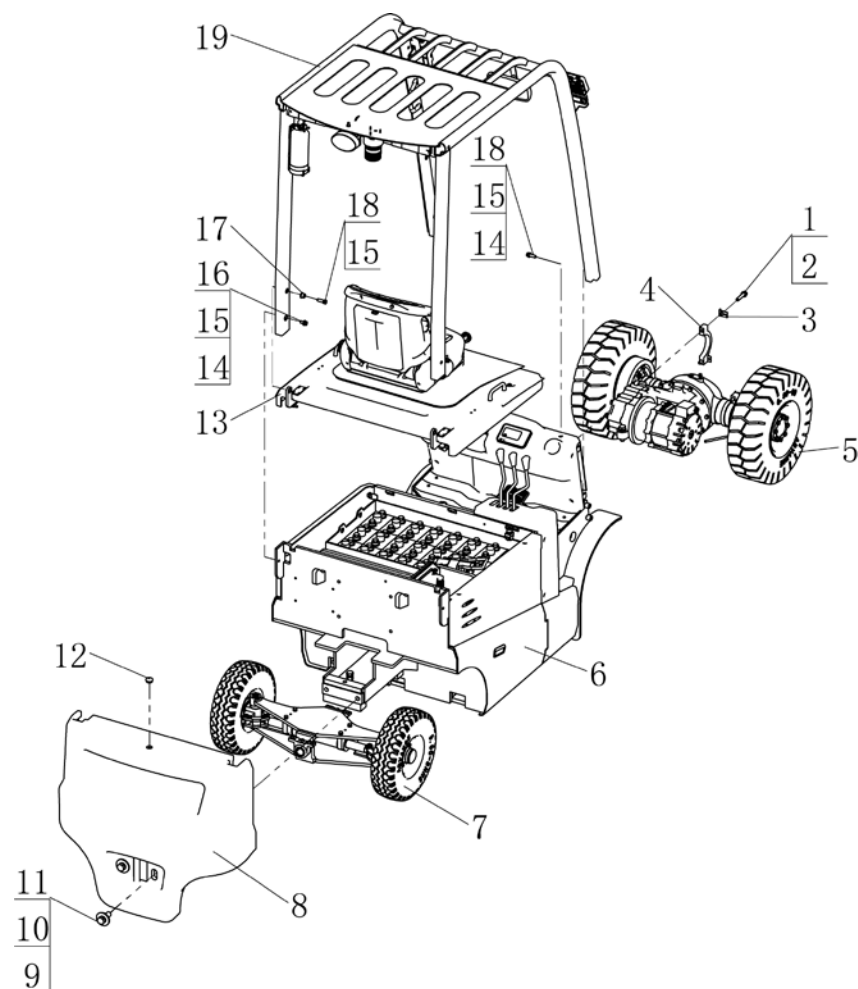
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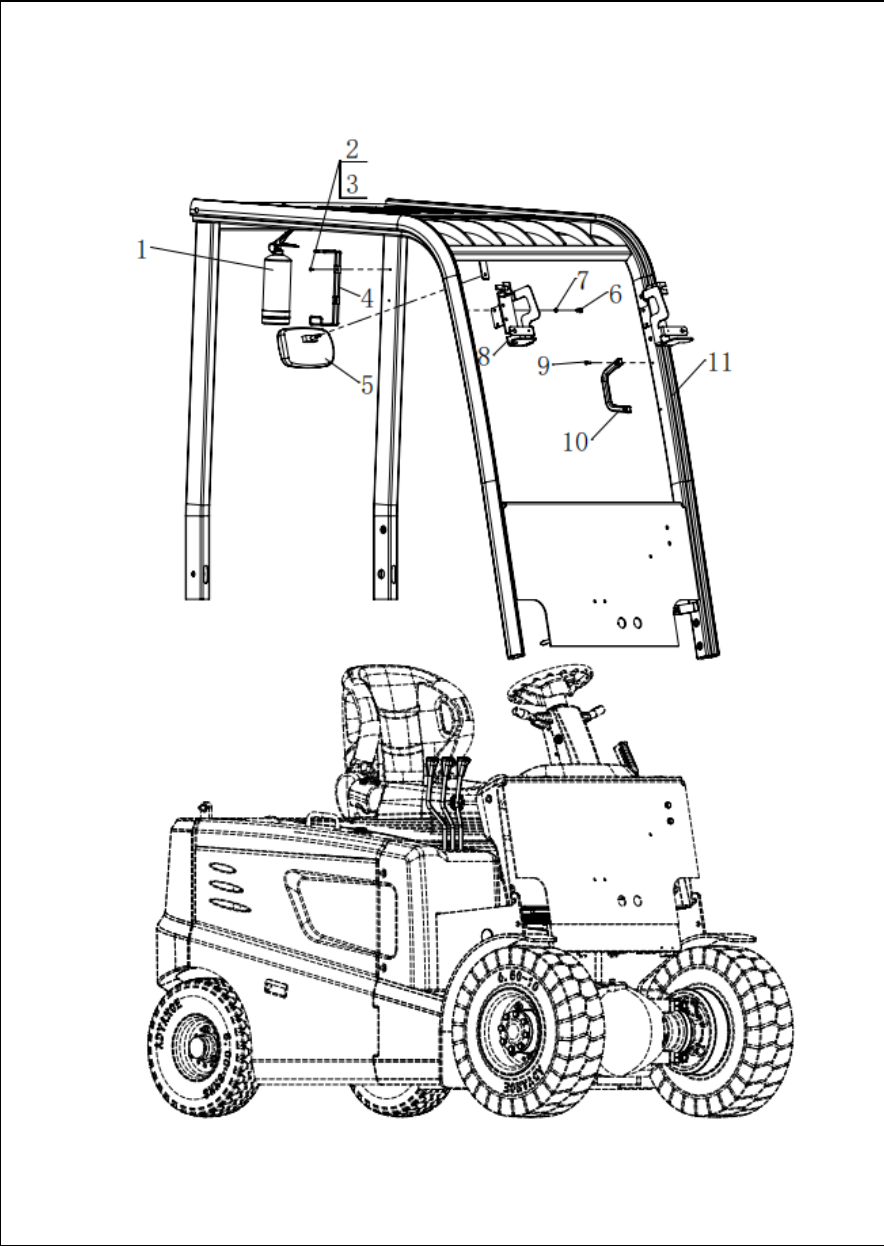
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1.1 Frame System

[illegible]

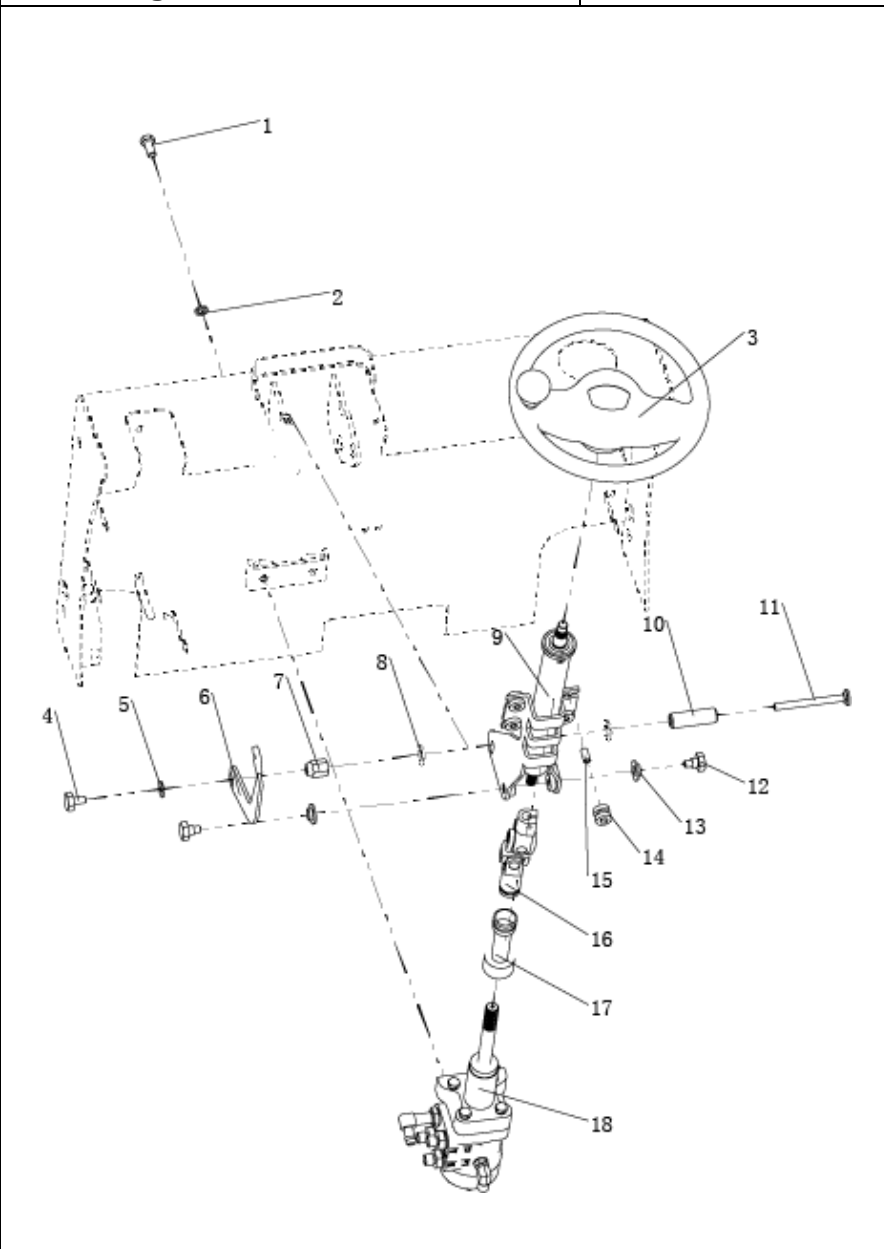
1.2 Top Frame Assembly	
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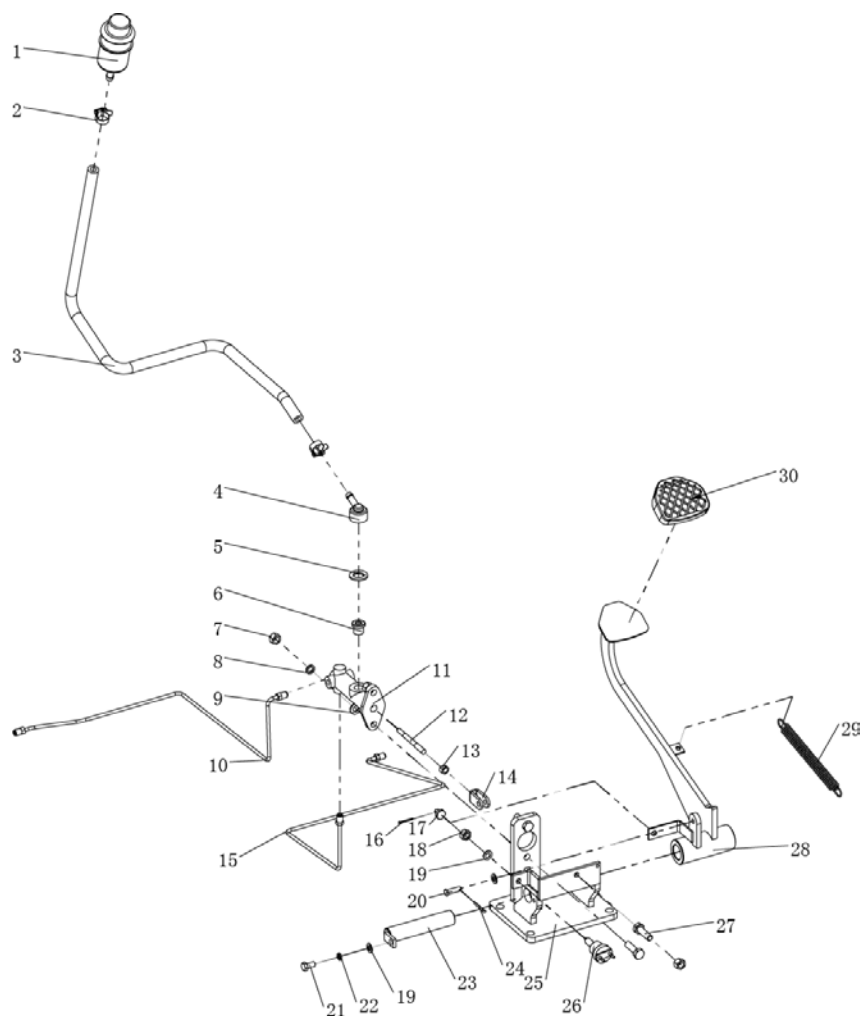
1.3 Covered Assembly

		Item	Part No	Description	Qty	Applied Date	Remark
		1	03.02393	M6×16 Screw	6		
		2	02.FGJ.01728	Instrument Desk	1		
		3	03.0587	M6 Card Buckle Nut	10		
		4	02.FGJ.01727	Protegium	1		
		5	02.FGJ.01731	Blind Flange	1		
		6	EA20.14.07.02-00	Latch	1		
		7	03.03061	φ5×50 Straight Pin	1		
		8	2×22×100	Spring	1		
		9	EA20.14.07.01-00	Plug-In Rack	1		
		10	03.0379	M8×30 Bolt	4		
		11	03.0012	φ8 Spring Washer	4		
		12	03.0050	φ8 Flat Washer	4		
		13	EA20.14.02.02-00	Hinges	1		
		14	30.24.0005	Rubber Insert	1		
		15	EA20.14.02.01-00	Side Pull Door	1		
		16	03.04561	Shoulder Composite Covers Φ20×Φ14×Φ12×11	2		
		17	03.0817	M8×20 Screw	5		
		18	03.0208	Shake Hands	1		
		19	02.FGJ.01730	Coverage	1		
		20	30.24.0124	Blind Flange	1		
		21	02.FGJ.01729	Coverage	1		
		22	02.FGJ.01726	Rear Cover	1		
		23	03.0226	M5×12 Screw	6		
2. Operating System							

2.1 Steering Gear

[illegible]

2.2Foot Brake Assembly



Item	Part No	Description	Qty	Applied Date	备注 Remark
1		Oilcan	1		
2	33.021.0013	Hose Clamp	2		
3	EA20.05-02	Oil Pipe	1		
4		Connector	1		
5	03.0047	Φ16 Flat Washer	1		
6		Nut Bolt	1		
7	03.0259	M10 Nut	3		
8	03.0014	Φ10 Spring Washer	2		
9	03.0043	Φ10 Flat Washer	2		
10	02.YYL.2354	Oil Pipe	1		
11	02.01.3285	Pump Station	1		
12	02.YYL.3285	Push Rod	1		
13	03.0258	M8 Nut	1		
14	E10GS-01.4.7	Fork Lever	1		
15	02.YYL.2369	Oil Pipe	1		
16	03.0336	Φ2.5×20 Cotter	1		
17	30.25.0226	Stop Block	1		
18	03.0259	M10 Nut	1		
19	03.0050	Φ8 Flat Washer	3		
20	03.0556	Φ8×26 Pin Roll	1		
21	03.0776	M8×16 Bolt	1		
22	03.0012	Φ8 Spring Washer	1		
23	33.021.0007	Ear Shaft	1		
24	03.0861	Φ3.2×28 Cotter	1		
25	33.021.0005	Support	1		
26	02.01.2296	Inches Switch	1		
27	03.0777	M10×35 Bolt	3		
28	EA20.05.01-00	Footstep	1		

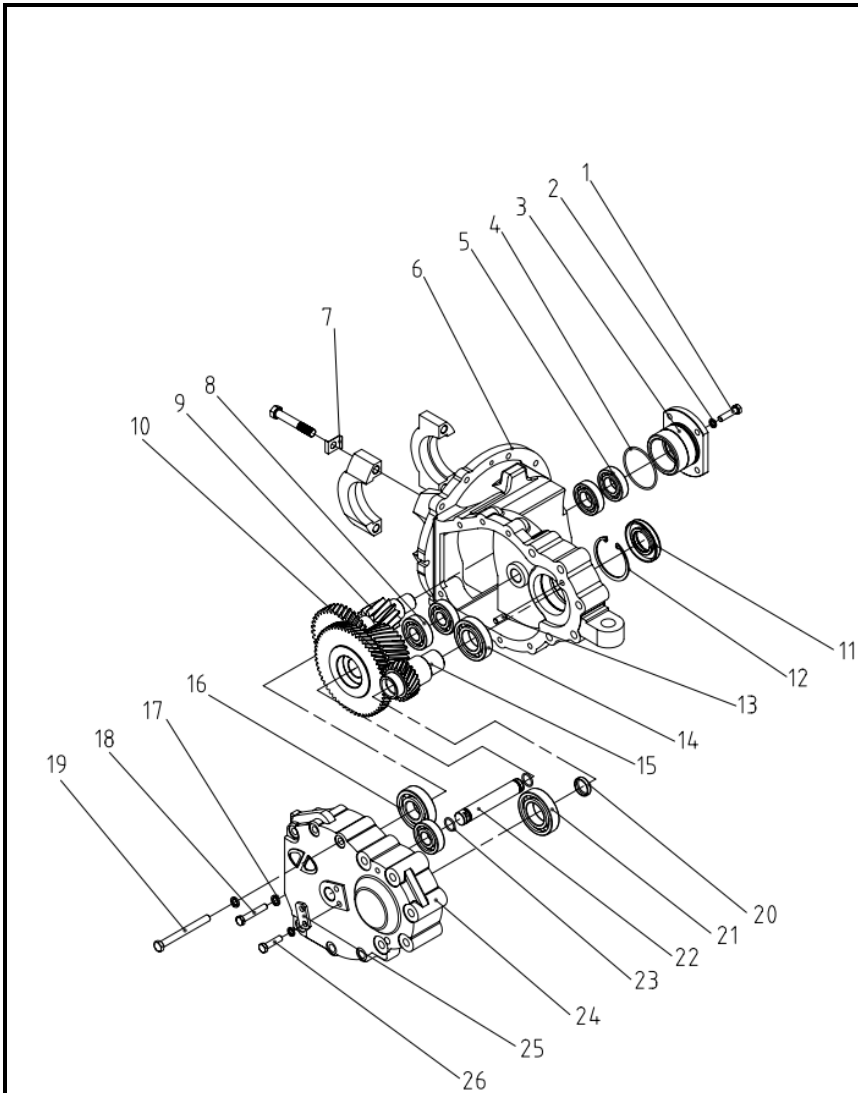
2.2 Foot Brake Assembly

	1		03.0779	M10×25	Bolt	2		
	2		03.0043	φ10	Flat Washer	4		
	3		03.0014	φ10	Spring Washer	2		
	4		03.0259	M10	Nut	2		
	5		30.25.0007		Hand Braking	1		

3. Drive System								
3.1 Drive Bridge Assembly								
		Item	Part No	Description	Qty	Applied Date	Remark	
		1	6.50-10-10PR	Tyre	2			



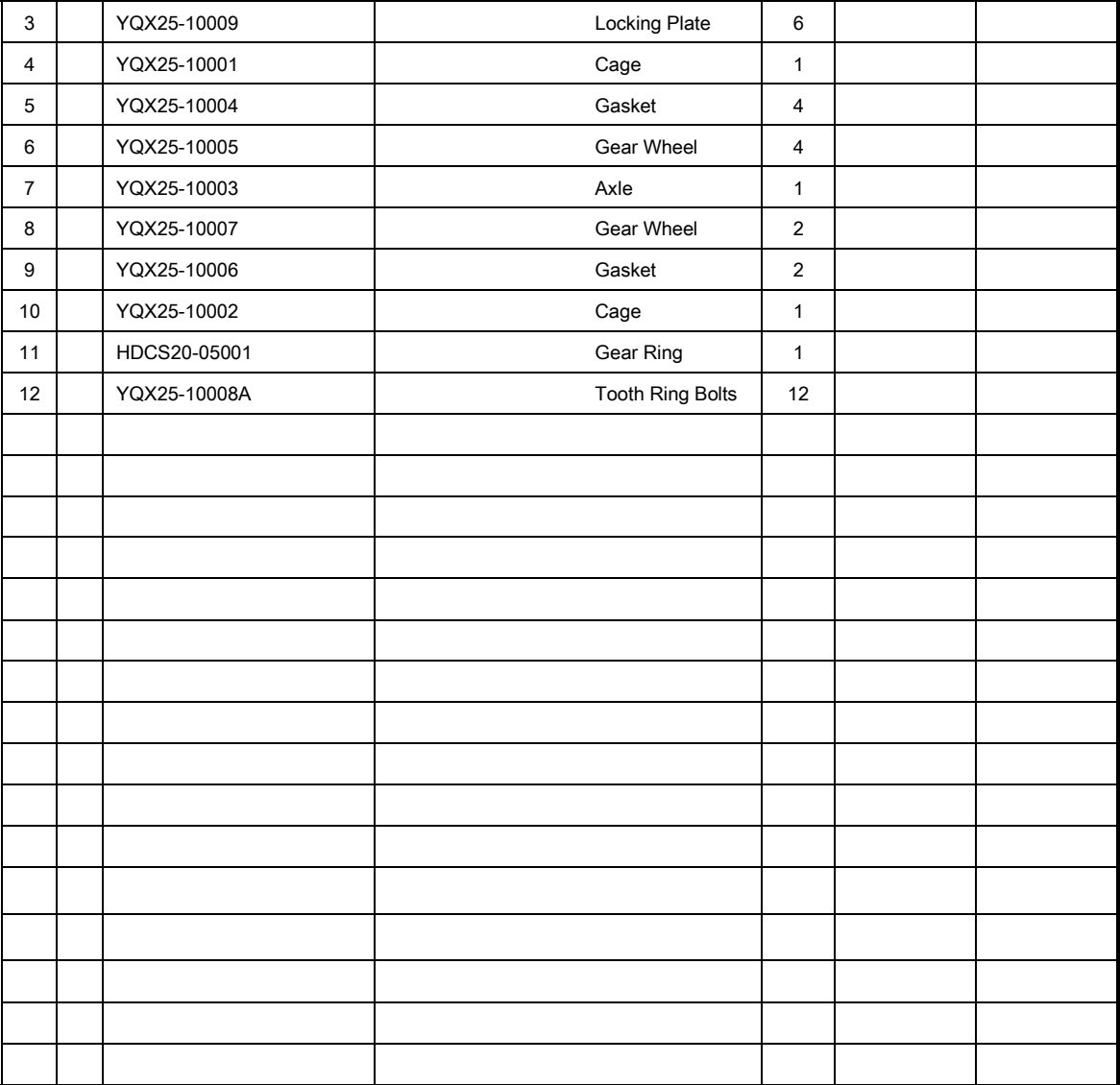
	Item		Part No	Description	Qty	Applied Date	Remark
	1		03.0779	M10×25 Bolt	4		
	2		GB/T 93	φ10 Pad	6		



3		HDCS20-01003		Bearing Cap	1		
4		03.0515		O Molding Ring	1		
5		03.90.017	6206	Bearing	2		
6		HDCS20-01200-1		Box	1		
7		YQX25-01008		Locking Plate	4		
8		03.90.019	6305	Bearing	3		
9		HDCS20-04001		Tooth Shaft	1		
10		HDCS20-03003-1		Gear Wheel	1		
11		HDCS20-01004		Grease Seal	1		
12		GB/T 893.1	φ80	Bead Flange	1		
13		GB/T 119.1	M10×22	Cylindrical Pin	2		
14		03.90.030	6208	Bearing	1		
15		HDCS20-02001-1		Input Axis	1		
16		03.90.073	6307	Bearing	1		
17		03.0013	φ12	Spring Washer	11		
18		03.0386	M12×40	Bolt	2		
19		GB/T 5785	M12×100	Bolt	9		
20		HDCS25-01002		Sealed Cap	1		
21		03.90.039	6209	Bearing	1		
22		HDCS20-03003		Axle	1		
23		02.01.9106		O Molding Ring	2		
24		HDCS20-01002		Tank Cover	1		
25		HDCS20-03004		Guard	1		
26		GB/T 5783	M10×16	Bolt	2		

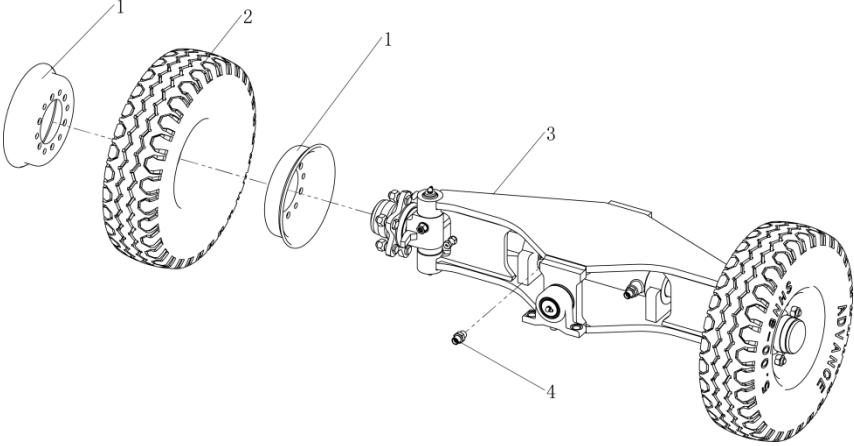
3.3 Differential Mechanism

		Item	Part No	Description	Qty	Applied Date	Remark
	1		GB/T 276	6211 Bearing	2		
	2		03.0259	M10×1.25 Nut	12		

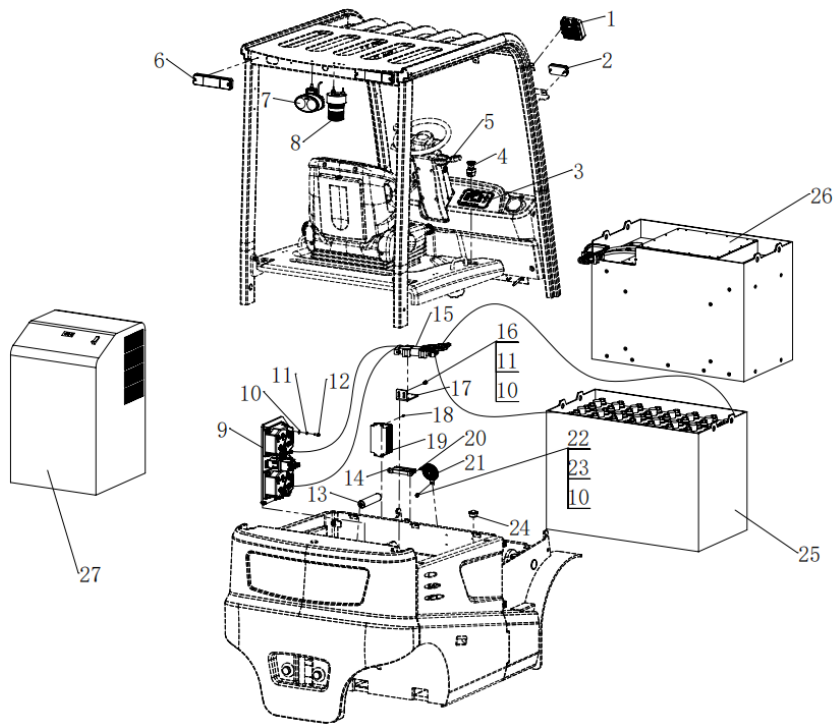


4.1 Steering Bridge Assembly

Item		Part No	Description	Qty	Applied Date	Remark
1		5.0-8-10PR	Rim	4		
2		5.0-8-10PR	Tyre	2		

	3		30.25.0243	Turn To Bridge	1		
	4		02.01.2355	Direct Head	2		

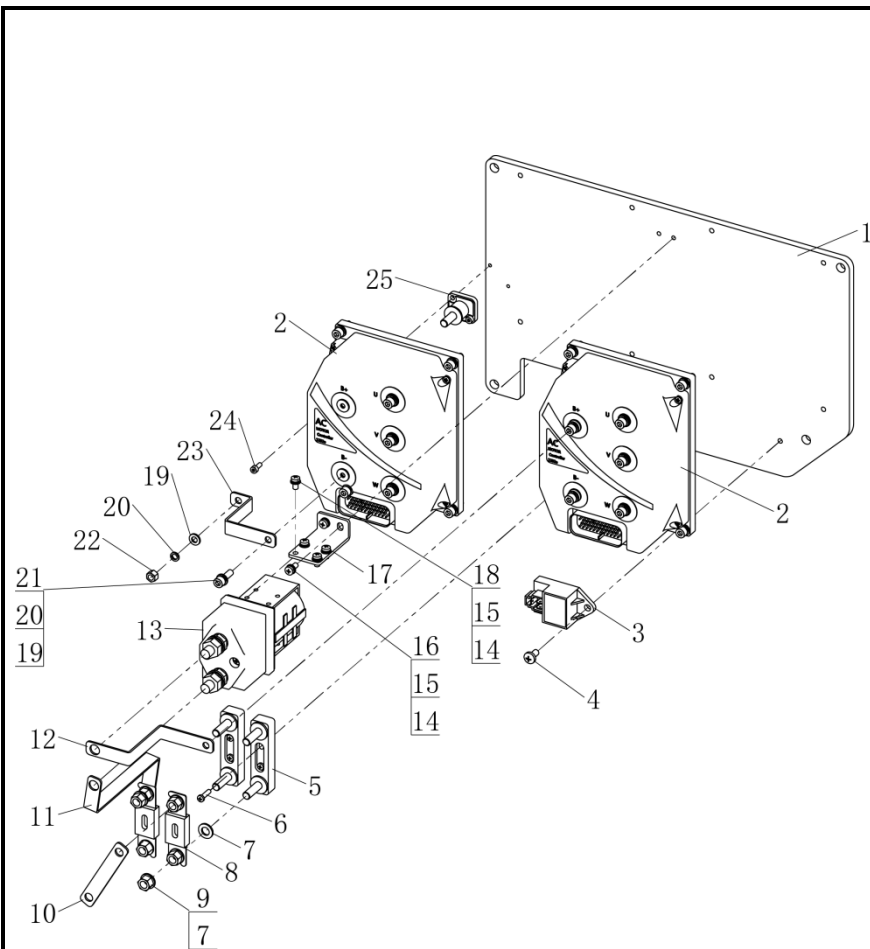
5. Electric System							
5.1 Electric System							
		Item	Part No	Description	Qty	Applied Date	Remark
		1	19.0334	Head Lighting	2		
		2	19.03341	Cornering Lamp	2		
		3	02.DLB.21544	Appearance	1		



4	02.01.21701		Emergency Stop	1		
5	02.01.2205		Key Switch	1		
6	19.03343		Rear Taillight	2		
7	16.0505		Border Light	1		
8	02.01.9176		Caution Light	1		
9	EA20.01.01-00		Drive-By-Wire	1		
10	03.0050	φ8	Flat Washer	3		
11	03.0012	φ8	Spring Washer	4		
12	03.0154	M8×20	Screw	4		
13	02.01.9179		Roller	8		
14	BX2081X		Catch Holder	1		
15	16.0138		Linker	1		
16	03.0357	M8×20	Bolt	2		
17	EA20.14-09		Plug-In Board	1		
18	03.0230	M4×10	Screw	4		
19	DC-DC		changer	1		
20	03.0227	M6×12	Screw	1		
21	02.01.2218		Bugle	1		
22	03.0776	M8×16	Bolt	1		
23	03.0012	φ8×2.1	Spring Washer	3		
24	03.90.063		Bearing	2		
25	EA20.01.02-00		Cell	1		
26	02.XDC.2227		Cell	1		Option
27			Charger	1		

5.2 Electric Control Assembly

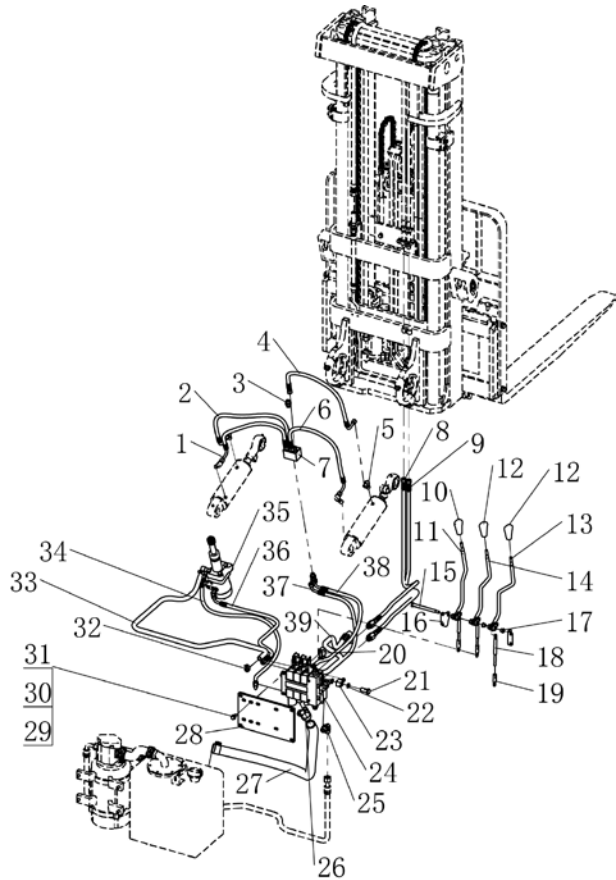
Item	Part No	Description	Qty	Applied Date	Remark
1	02.01.00005	Aluminium Sheet	1		
2	02.KZQ.2306	Drive-By-Wire	2		
3	02.01.3353	Flash Apparatus	1		
4	03.0227	M6×12 Screw	1		
5	02.01.3057	Base	2		



6	03.02152	M4×16	Screw	4		
7	03.0050	φ8	Flat Washer	8		
8	300A		Fuse	2		
9	03.0258	M8	Nut	6		
10	Q20GA-DK.01.4		Twig	1		
11	QGB18X-DK.01.7		Twig	1		
12	QGB18X-DK.01.2		Twig	1		
13			Master Contactor	1		
14	03.0055	φ5×1	Flat Washer	6		
15	03.0007	φ5	Spring Washer	6		
16	03.0226	M5×12	Screw	2		
17	QGB18X-DK.01.10		Support	1		
18	03.02360	M5×10	Screw	4		
19	03.0049	φ6	Flat Washer	19		
20	03.0011	φ6	Spring Washer	19		
21	03.0149	M6×20	Screw	18		
22	03.0257	M6	Nut	1		
23	QGB18X-DK.01.3		Twig	1		
24	03.0123	M4×10	Screw	2		
25	16.0543		Wiring Terminal	1		

6.1 I Hydraulic Pipeline

Item	Part No	Description	Qty	Applied Date	Remark
1	02.YYL.4169	Slant Duct	1		
2	02.YYL.4169	Slant Duct	1		
3	02.01.3051	Direct Head	6		
4	02.YYL.4161	Slant Duct	1		
5	02.01.3260	Angle Coupling	8		
6	02.YYL.4161	Slant Duct	1		

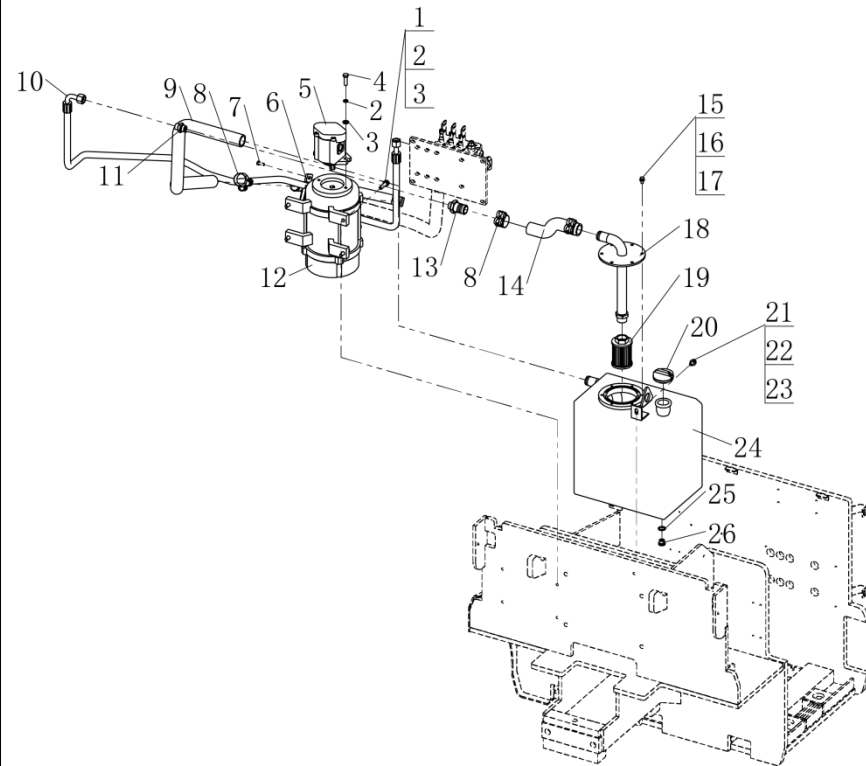


7		02.YYL.3997	Socket	1		
8		02.YYL.3995	Side Shift Hose	1		
9		02.YYL.3995	Side Shift Hose	1		
10		02.01.3362	Lift The Handle	1		
11		EA20.07.01-00	Vertical Pole	1		
12		02.01.3364	Slope The Handle	2		
13		EA20.07.03-00	Side Joystick	1		
14		EA20.07.02-00	Slant Joystick	1		
15		30.24.0121	Support Shaft	1		
16		EA20.07-04	Support	1		
17		03.04561	Shoulder Composite Sleeve $\Phi 20 \times \Phi 14 \times \Phi 12 \times 11$	10		
18		30.24.0111	Connecting Link	3		
19		30.01.0212	Adapter Sleeve	3		
20		Z-15GW22-B	Inches Switch	3		
21		02.YYL.2393	Bolt	1		
22		03.0483	$\Phi 16$ Gland	8		
23		02.YYL.2394	Connect	1		
24		02.DLF.0329	Multiple Unit Valve	2		
25		02.01.31040	Connect	1		
26		03.05384	Anchor Ear	6		

6. I Hydraulic Pipeline

Item		Part No	Description	Qty	Applied Date	Remark
27		02.YYL.4013	Return Tube	1		
28		EA20.07-08	Multi-Way Valve	2		

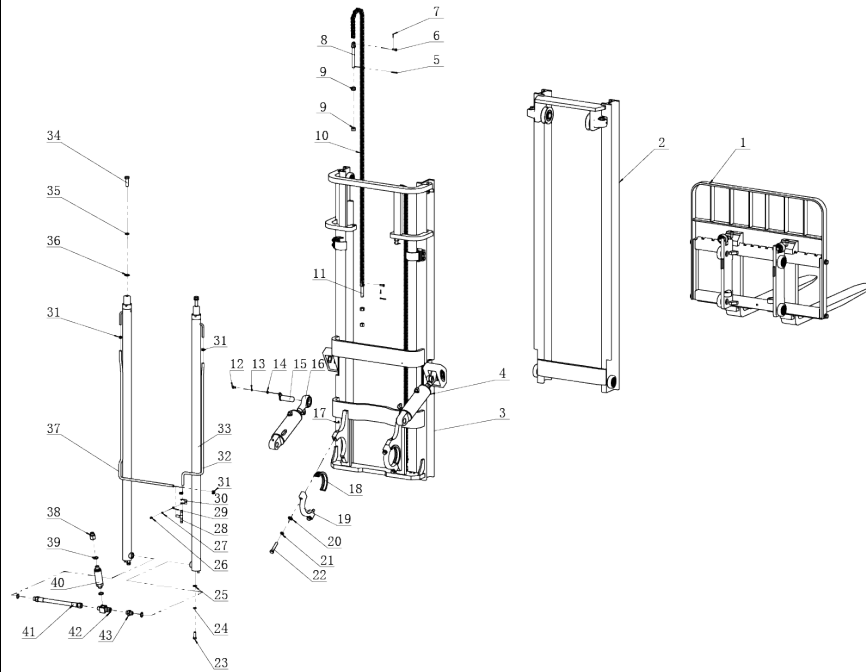
6.2 II Hydraulic Pipeline



Item	Part No	Description	Qty	Applied Date	Remark
1	03.0354	M10×40 Bolt	4		
2	03.0014	Φ10 Spring Washer	6		
3	03.0043	Φ10 Flat Washer	6		
4	03.0777	M10×35 Bolt	2		
5	02.01.00961	Gear Pump	1		
6	30.24.0122	Steel Pipe	1		
7	03.03570	M8×20 Bolt	2		
8	03.05384	Anchor Ear	6		
9	02.YYL.4012	Oil Return Line	1		
10	02.YYL.20318	Sebific Duct	1		
11	02.01.324326	Direct Head	1		
12	02.DJ.00827	Electrical Machinery	1		
13	02.01.324325	Pump Connector	1		
14	02.YYL.4011	Oil Suction Pipe	1		
15	03.0776	M8×16 Bolt	1		
16	03.0012	Φ8 Spring Washer	1		
17	03.0050	φ8 Flat Washer	1		
18	30.24.0108	Tank Cup	1		
19	19.1374	Filter	1		
20	02.01.01396	Tank Cup	1		
21	03.0864	M10×18 Bolt	1		
22	03.0014	φ10 Spring Washer	1		
23	03.0043	φ10 Flat Washer	1		
24	30.24.0107	Body	1		
25	03.0484	Φ18 Gland	1		
26	03.1196	Plug Screw	1		

7. Lifting System

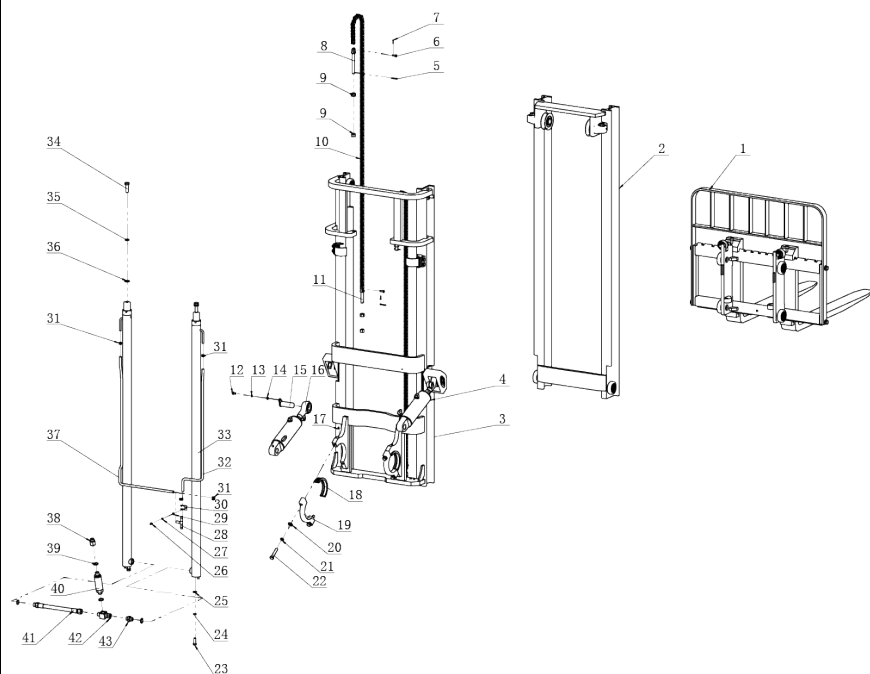
7.1 Door Frame Assembly



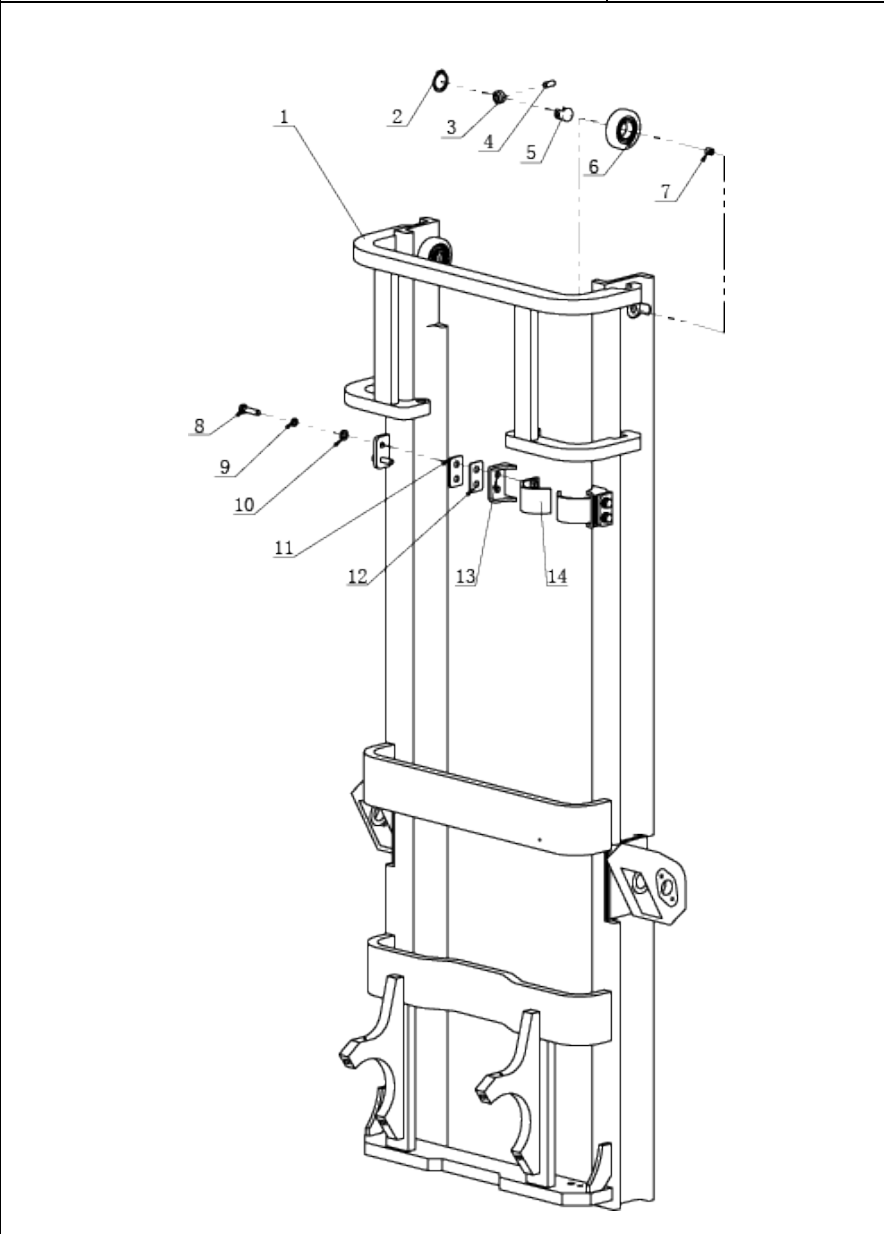
Item	Part No	Description	Qty	Applied Date	Remark
1	82.47.0019	Tray Rack	1		
2	82.47.0018	Internal Door Frame	1		
3	82.47.0017	External Door Frame	1		
4	02.01.2320	Dump Ram	1		
5	03.0339	Φ4×30 Cotter	4		
6	03.03202	Pin Roll	4		
7	03.0557	Φ3×20 Cotter	4		
8	30.05.158	Bar	2		
9	03.0850	M16 Nut	8		
10	02.LT.31720	Plate Chain	2		
11	30.01.0214	Bar	2		
12	03.0776	M8×16 Bolt	2		
13	03.0012	Φ8 Spring Washer	2		
14	03.0050	Φ8 Flat Washer	2		
15	30.05.140	Pin Roll	2		
16	02.01.2323	Dump Ram	1		
17	03.0505	Grease Cup	2		
18	E15A-05.8	Bearing Bush	2		
19	30.01.0217	Anchor Ear	2		
20	03.0045	Φ14 Flat Washer	4		
21	03.0016	Φ14 Spring Washer	4		
22	03.0910	M14×70 Bolt	4		
23	03.0786	M12×35 Bolt	2		
24	03.0015	Φ12 Spring Washer	2		
25	03.0044	Φ12 Flat Washer	2		
26	03.0918	M6×12 Bolt	1		

7. Level II Door Frame

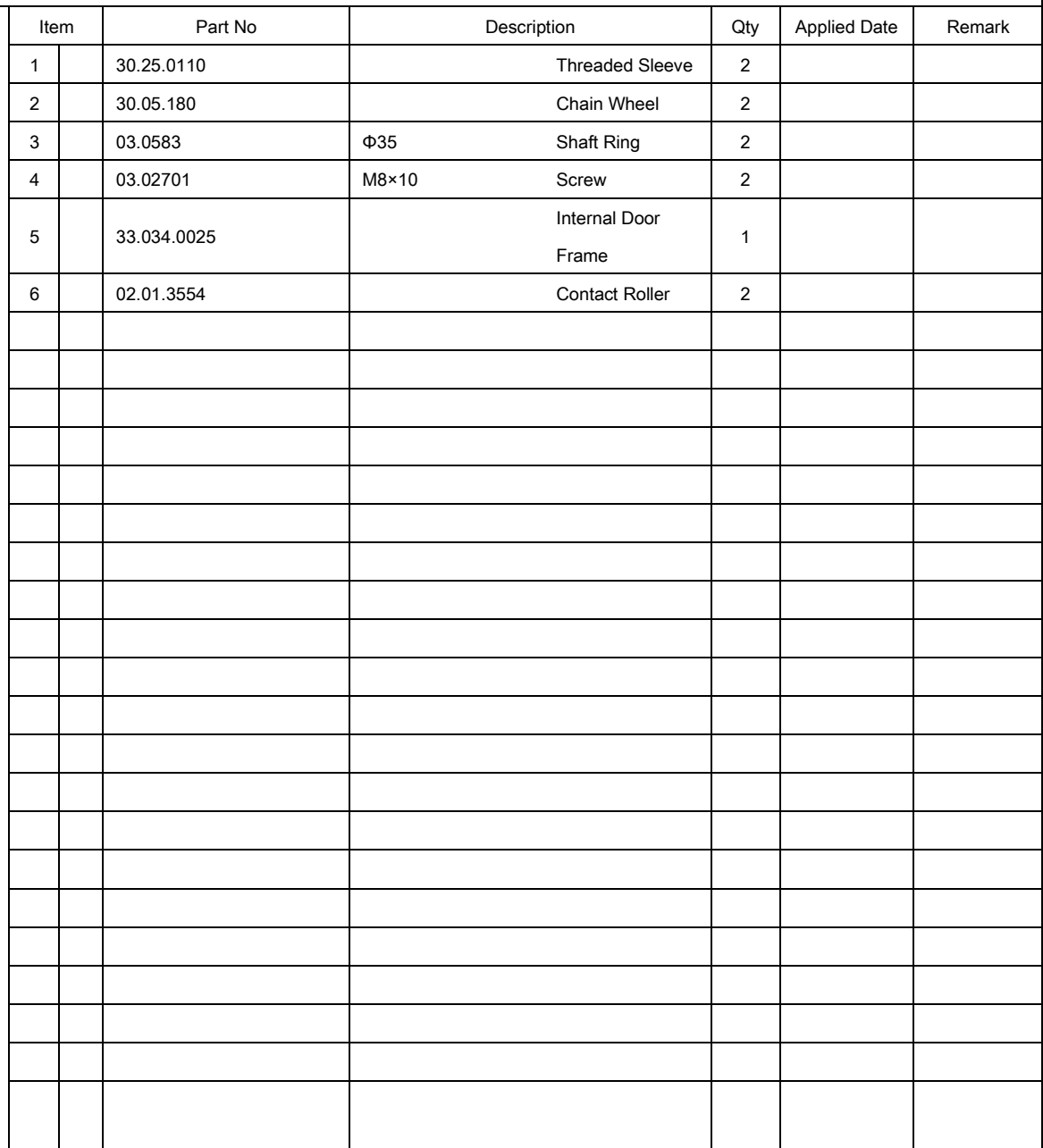
7.1 Door Frame Assembly

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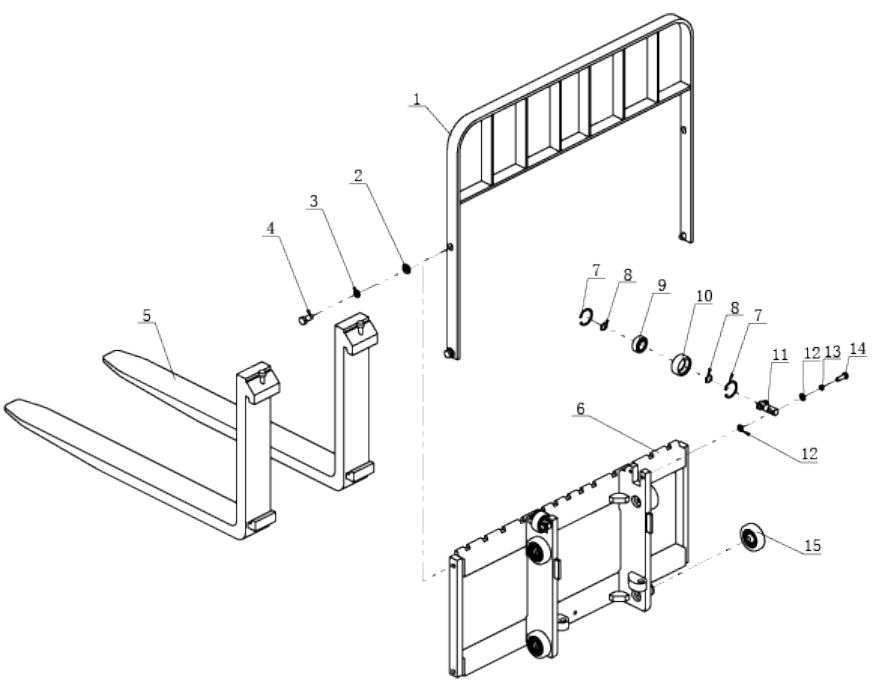
7.2 External Door Frame Assembly	
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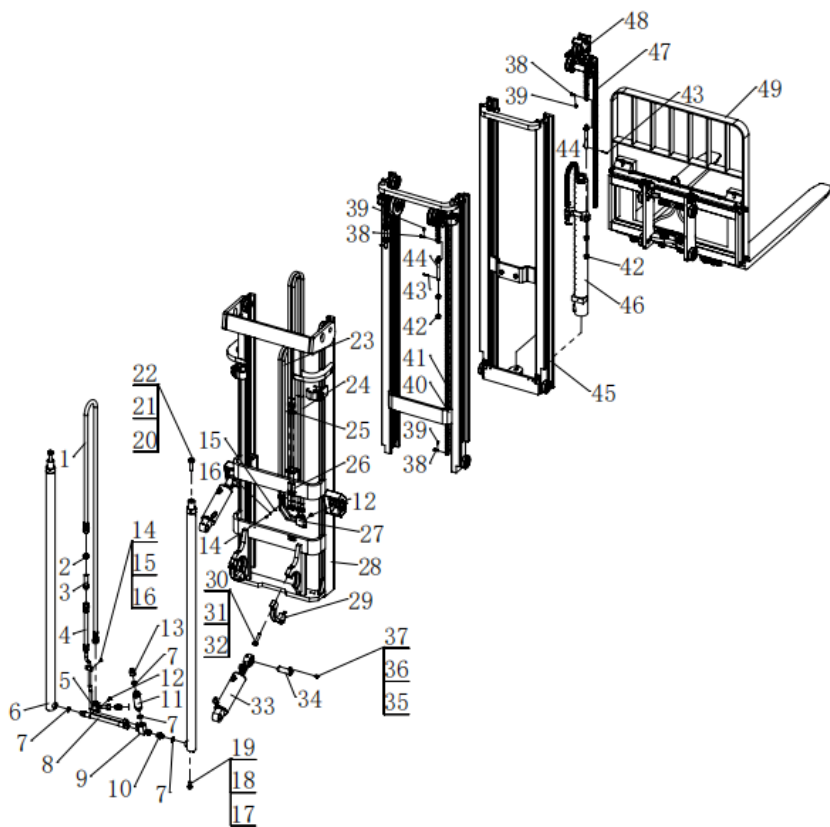
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7.3 Internal Door Frame Assembly



20

	Item	Part No	Description	Qty	Applied Date	Remark
	1	33.034.0026	Block Shelves	1		
	2	03.0045	Φ14 Flat Washer	4		
	3	03.0016	Φ14 Spring Washer	4		
	4	03.0668	M14×30 Bolt	4		
	5	02.DDHC.32826	Goods Fork	2		
	6	33.034.0027	Wheel Carrier	1		
	7	03.0028	Φ47 Hole Ring	4		
	8	03.0064	Φ20 Shaft Ring	4		
	9	03.90.057	6204 Bearing	2		
	10	02.01.3615	Contact Roller	2		
	11	02.01.3615	Fixed Axis	2		
	12	03.0043	Φ10 Flat Washer	8		
	13	03.0014	Φ10 Spring Washer	4		
	14	03.0078	M10×30 Bolt	4		
	15	02.01.3554	Contact Roller	4		
8.Level 3 Door Frame						
8.1 Door Frame Assembly						

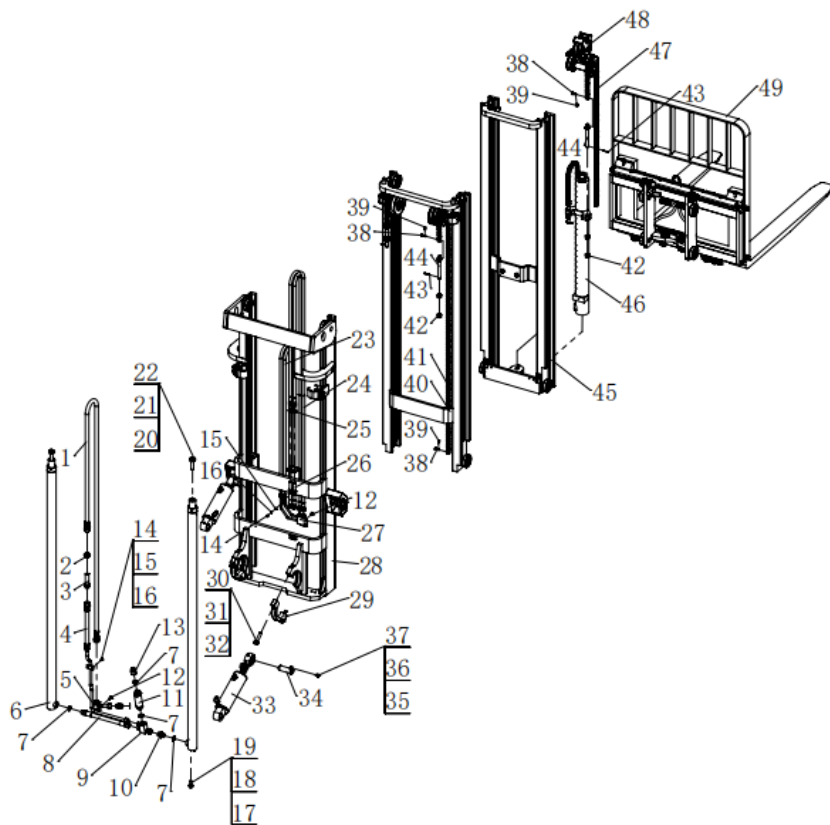


Item	Part No	Description	Qty	Applied Date	Remark
1	02.YYL.2401	Sebific Duct	1		
2	03.0286	M22×1.5 Nut	1		
3	02.01.32841	Connect	1		
4	02.YYL.2402	Steel Pipe	1		
5	02.YYL.2400	Steel Pipe	1		
6	02.YG.2301	Hydro-Cylinder	2		
7	03.0486	Φ22 Gland	5		
8	02.YYL.2378	Sebific Duct	1		
9	02.YYL.2396	Connect	1		
10	02.01.3444	Connect	2		
11	XSF-F16L-60-1.5T	Governor Valve	1		
12	03.0092	M8×20 Screw	3		
13	02.01.324330	Connect	1		
14	03.0918	M6×12 Bolt	3		
15	03.0011	Φ6 Spring Washer	3		
16	03.0049	Φ6 Flat Washer	3		
17	03.0786	M12×35 Bolt	2		
18	03.0015	Φ12 Spring Washer	2		
19	03.0044	Φ12 Flat Washer	2		
20	03.0047	Φ16 Flat Washer	2		
21	03.0017	Φ16 Spring Washer	2		
22	03.0395	M16×70 Bolt	2		
23	02.YYL.2397	Sebific Duct	2		
24	02.YYL.2399	Sebific Duct	2		
25	03.0281	M16×1.5 Nut	2		
26	02.YYL.3482	Connect	2		
27	02.YYL.2398	Steel Pipe	1		
28	82.47.0024	Portal	1		

8.Level 3 Door Frame

8.1 Door Frame Assembly

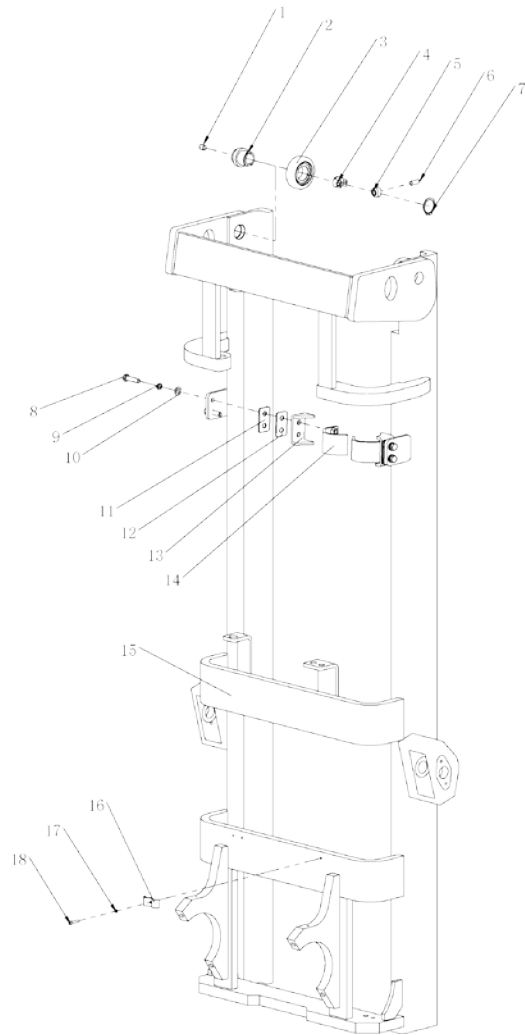
Item	Part No	Description	Qty	Applied Date	Remark
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29		30.01.0217		Anchor Ear	2		
30		03.0045	Φ14	Flat Washer	4		
31		03.0016	Φ14	Spring Washer	4		
32		03.0910	M14×70	Bolt	4		
33		02.01.2323		Hydro-Cylinder	2		
34		33.019.0021		Pin Roll	2		
35		03.0050	Φ8	Flat Washer	2		
36		03.0012	Φ8	Spring Washer	2		
37		03.0776	M8×16	Bolt	2		
38		03.03202		Pin Roll	6		
39		03.0557	Φ3×20	Cotter	6		
40		82.47.0025		Middle Door Frame	1		
41		02.LT.3493		Plate Chain	2		
42		03.0850	M16	Nut	8		
43		03.0339	Φ4×30	Cotter	4		
44		30.05.158		Bar	4		
45		82.47.0026		Internal Door Frame	1		
46		02.YG.2292		Hydro-Cylinder	1		
47		LH1223 (BL623)		Plate Chain	2		
48		82.47.0028		Wheel Carrier	1		
49		82.47.0027		Tray Rack	1		

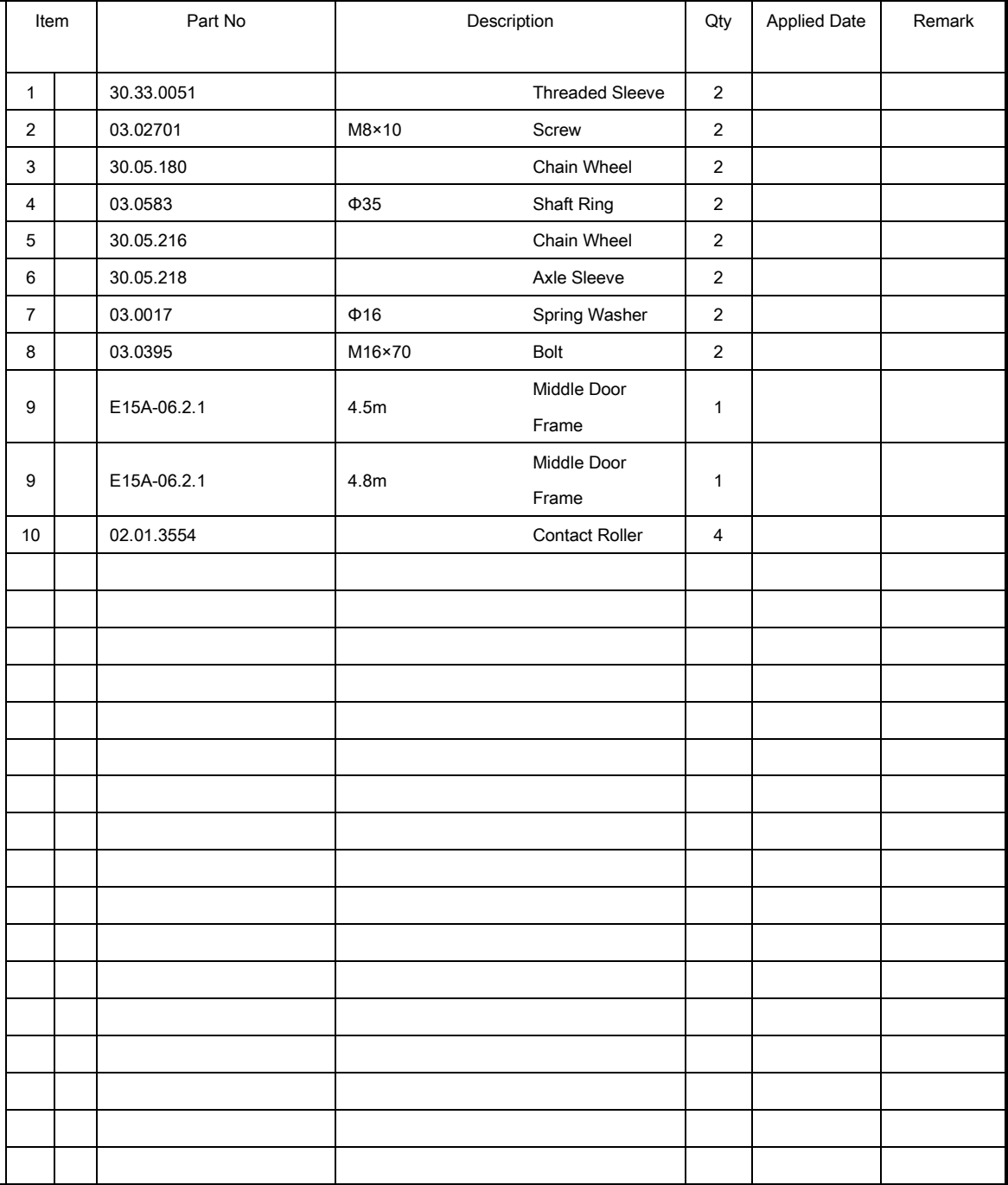
8.2 External Door Frame Assembly

Item	Part No	Description	Qty	Applied Date	Remark
1	02.01.3094	Adjust Screws	2		

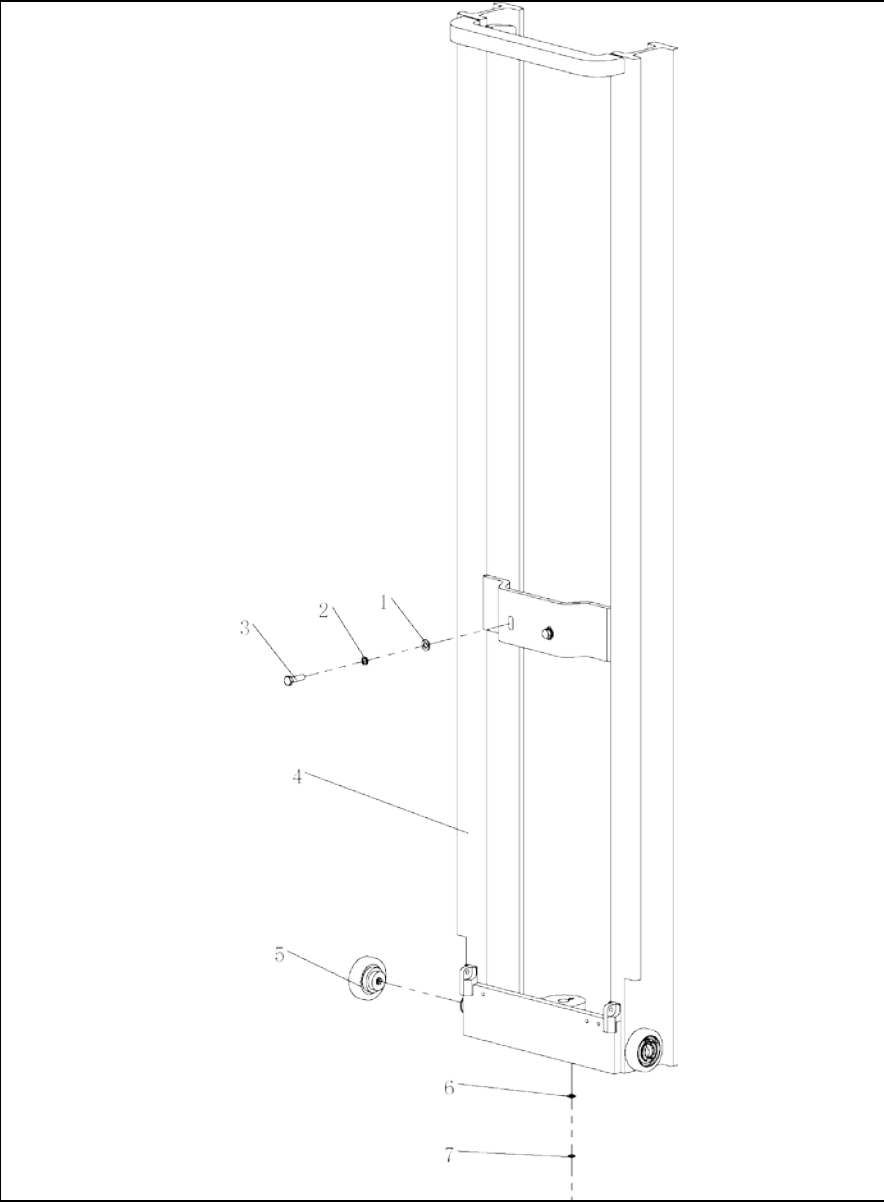


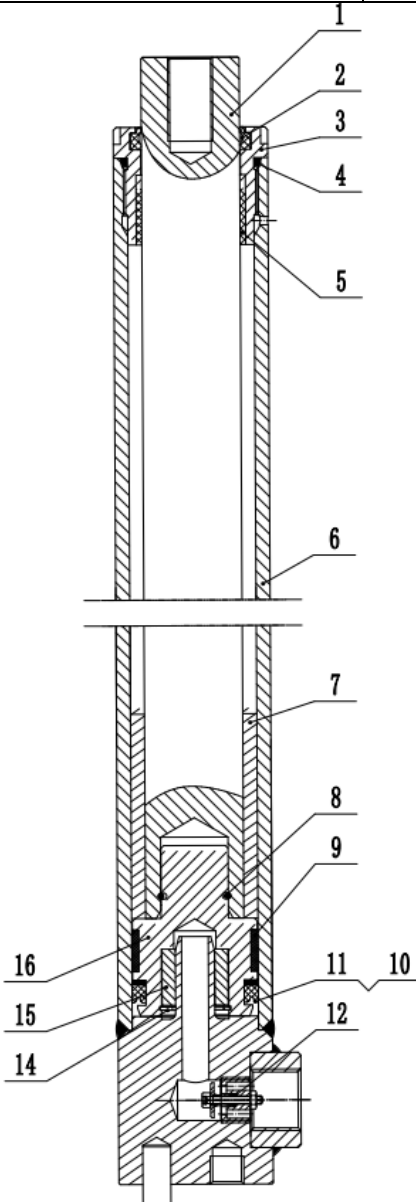
2		02.01.3094	Roller Shaft	4		
3		02.01.3094	Contact Roller	2		
4		02.01.3094	Wheel Carrier	2		
5		02.01.3094	Contact Roller	2		
6		02.01.3094	Pin Roll	2		
7		03.0583	Φ35 Shaft Ring	2		
8		03.0354	M10×40 Bolt	4		
9		03.0014	Φ10 Spring Washer	4		
10		03.0043	Φ10 Flat Washer	4		
11		30.01.0649	2 Pad Two	2		
12		30.01.0648	1 Pad One	2		
13		30.01.0650	Bend Board	2		
14		33.034.0024	Anchor Ear	2		
15		E15A-06.1.1	4.5m External Door Frame	1		
15		E15A-06.1.1	4.8m External Door Frame	1		
16		30.03.005	Pipe Clamp	1		
17		03.0007	Φ5 Spring Washer	1		
18		03.01410	M5×25 Screw	1		

8.3 Internal Door Frame Assembly

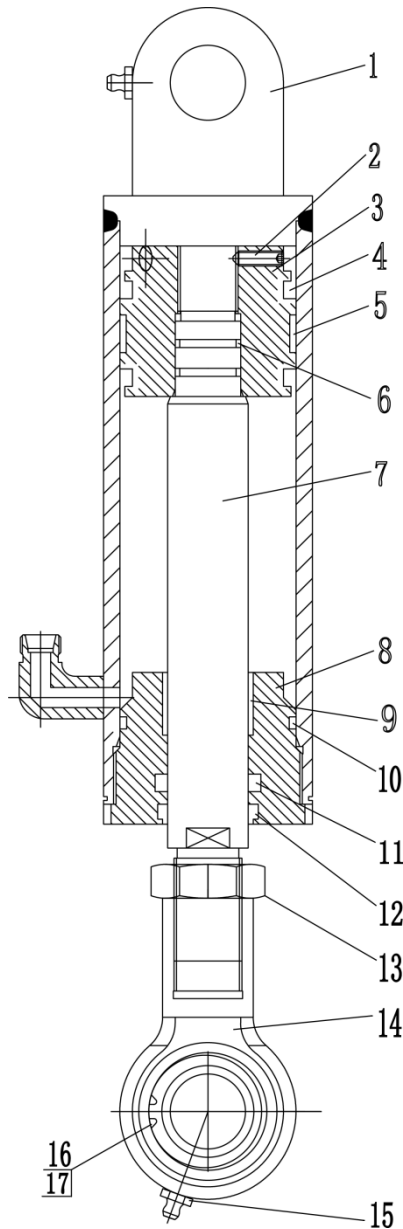


8.4 Internal Door Frame Assembly	
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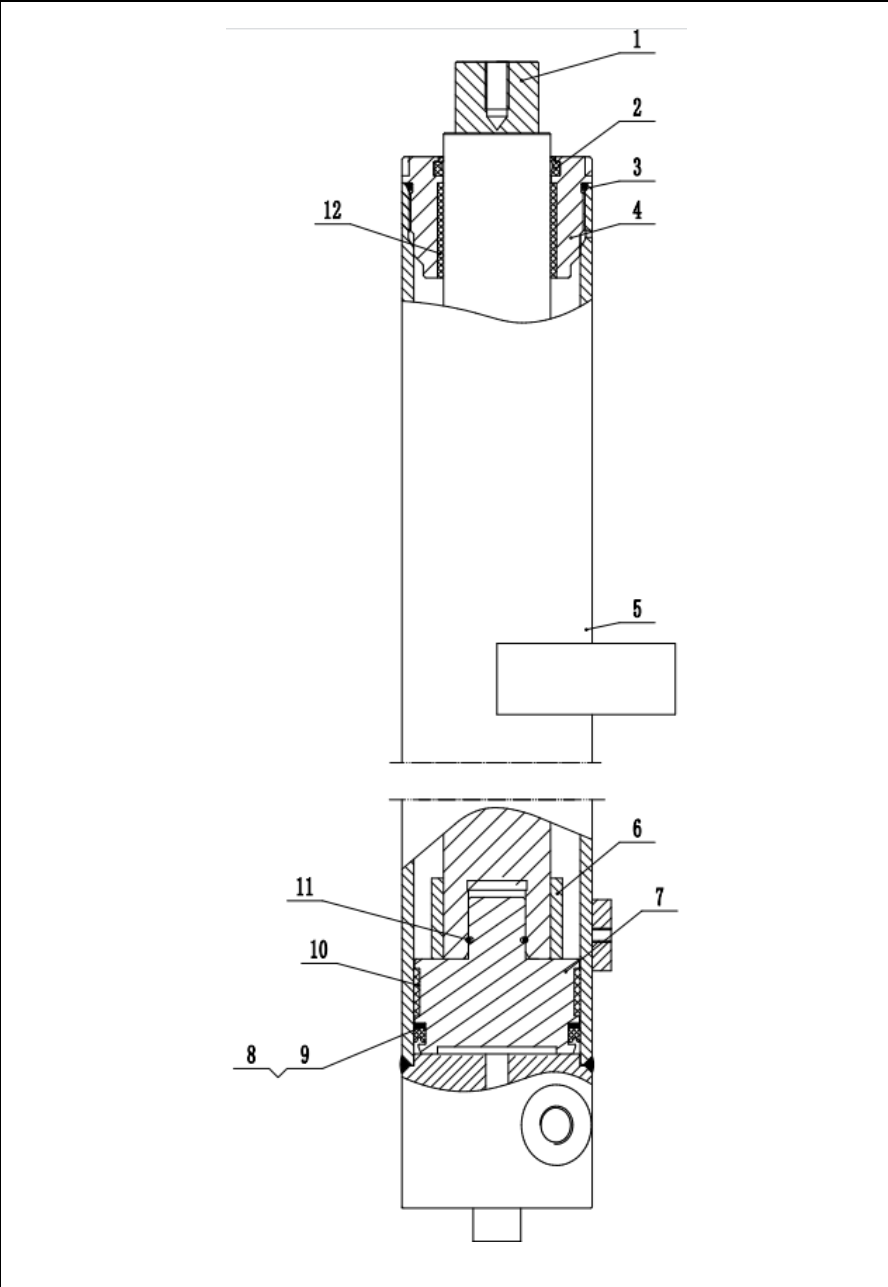
[illegible]

8.5 Lift Cylinder Components							
	Item	Part No	Description	Qty	Applied Date	Remark	
	1	E15A-06.5.1	Piston Rod	1			
	1	E15A-06.5.1	Piston Rod	1			
	2	02.01.9186	Scraper Seal	1			
	3	E15A-06.5.2	End Cap	1			
	4	02.01.0038	O-Ring	1			
	5	35×39×25	Bearing	1			
	6	E15A-06.5.3	Cylinder Block	1			
	6	E15A-06.5.3	Cylinder Block	1			
	7	E15A-06.5.4	Separate Set	1			
	8	03.00361	Φ24	Hole Ring	1		
	9	03.1072		Retaining Ring	1		
	10	02.01.9143		Gasket Ring	1		
	11	E15A-06.5.5		Bead Flange	1		
	12			Cut-Off Valve	1		
	13	GB/T119.1	Φ10×30	Cylindrical Pin	1		
	14	03.0023	Φ24	Hole Ring	1		
	15	30.01.6573		Cushion Collar	1		
	16	30.24.0117		Plunger	1		

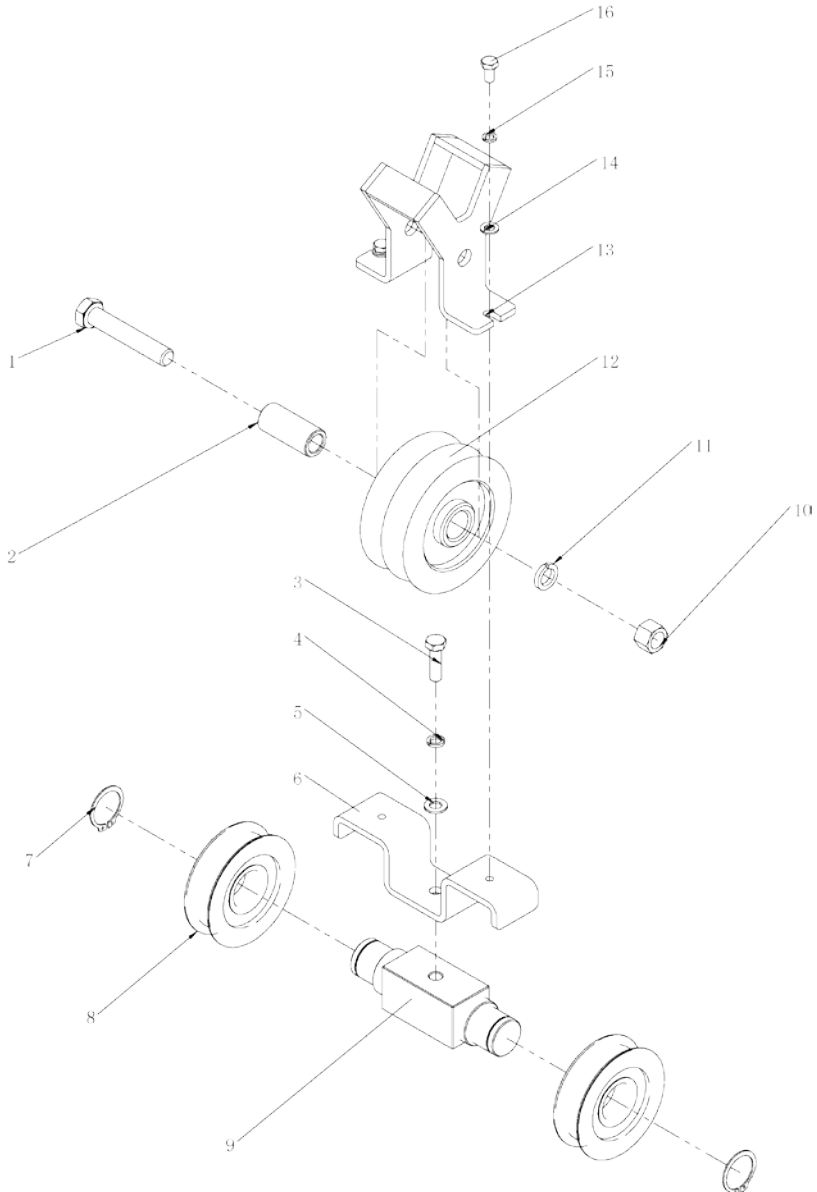
8.6 Dump Ram Assembly

[illegible]

8.7 Internal Lift Cylinder Assembly	
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[illegible]

8.8 Chain Wheel Frame Assembly

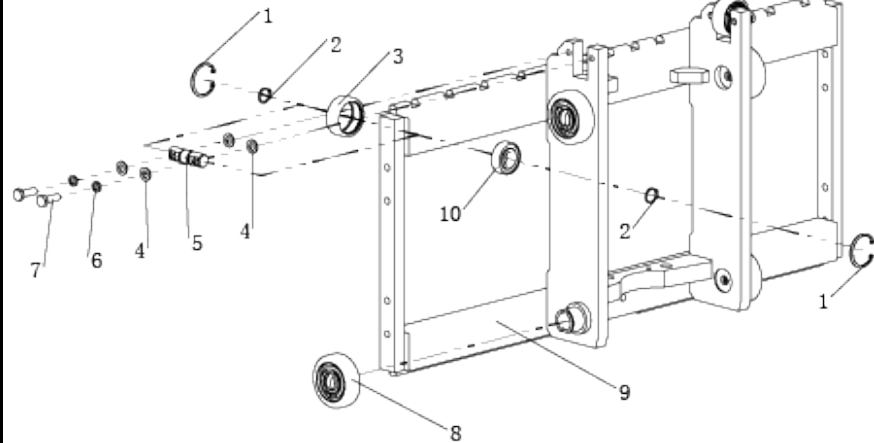
		Item	Part No	Description	Qty	Applied Date	Remark
		1	03.0391	M16×90 Bolt	1		
		2	E25A-06.6.2	Separate Set	1		
		3	03.0777	M10×35 Bolt	1		
		4	03.0014	Φ10 Spring Washer	1		
		5	03.0043	Φ10 Flat Washer	1		
		6	30.25.0231	Baseboard	1		
		7	03.0583	Φ35 Shaft Ring	2		
		8	30.05.180	Chain Wheel	2		
		9	30.01.6417	Footstock	1		
		10	03.0260	M16 Nut	1		
		11	03.0017	Φ16 Spring Washer	1		
		12	30.05.181	Chain Wheel	1		
		13	E25A-06.6.1	Wheel Carrier	1		
		14	03.0050	Φ8 Flat Washer	2		
		15	03.0012	Φ8 Spring Washer	2		
		16	03.0776	M8×16 Bolt	2		
8.9Tray Rack Assembly							



	Item	Part No	Description	Qty	Applied Date	Remark
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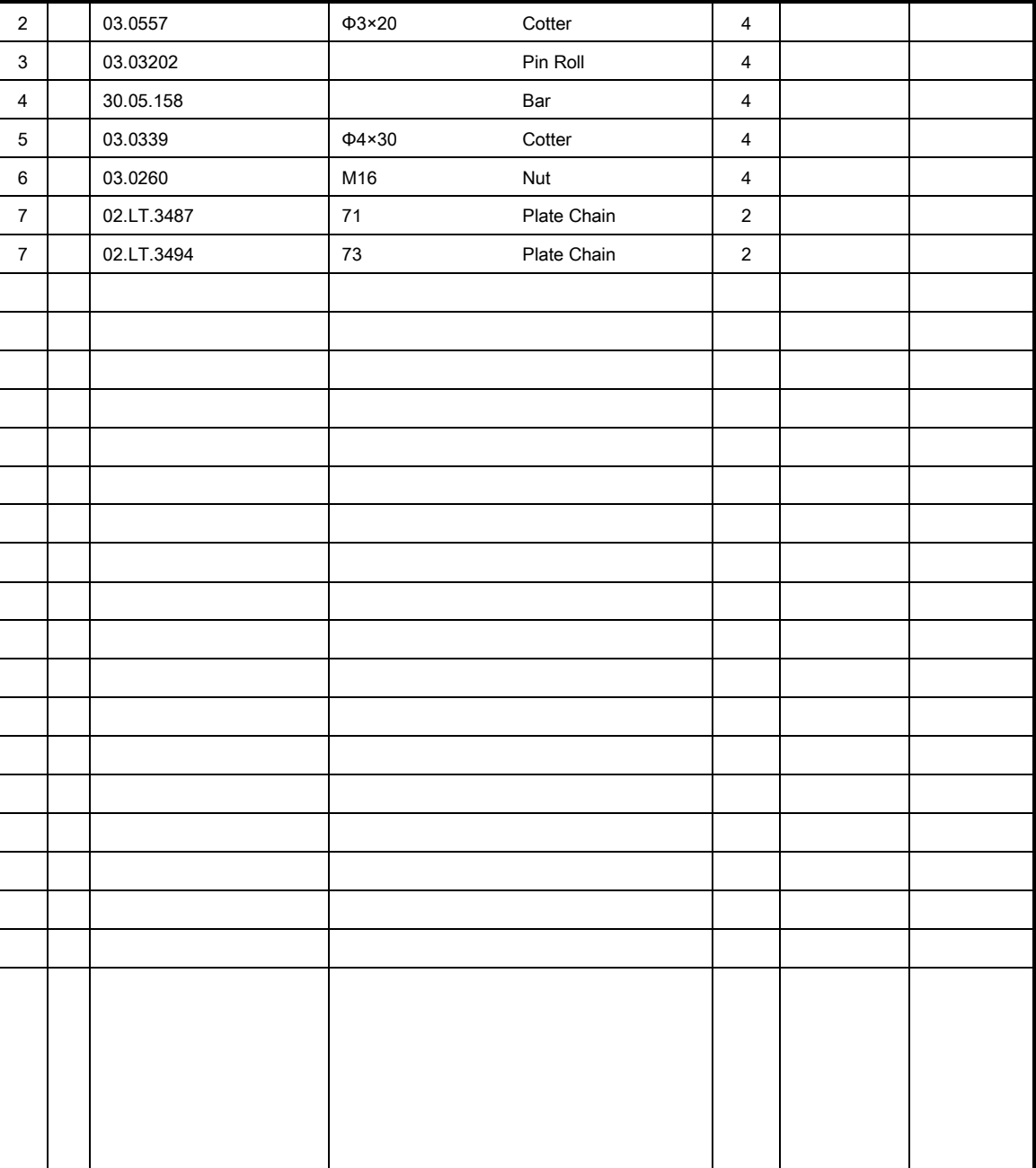
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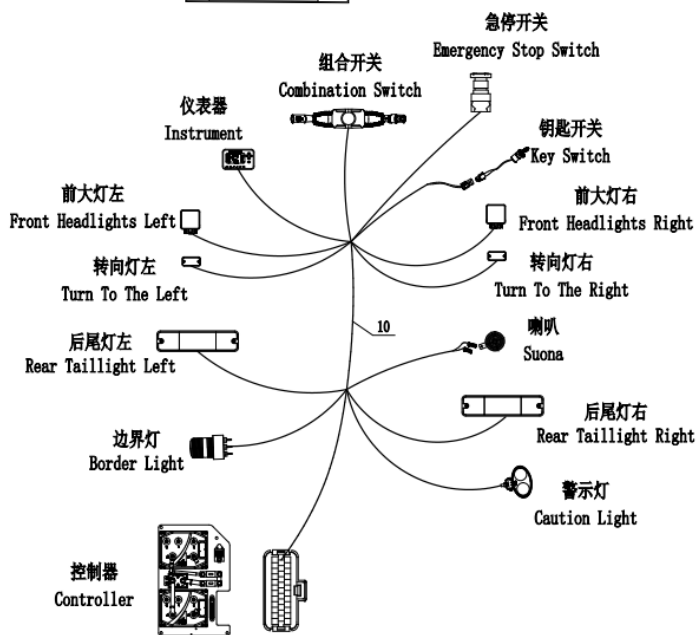
Item		Part No	Description	Qty	Applied Date	Remark
1		03.0028	Φ47 Hole Ring	4		

[illegible]

8.12 Chain Assembly

Item		Part No	Description	Qty	Applied Date	Remark
1		02.LT.3488	107 Plate Chain	2		
1		02.LT.3493	111 Plate Chain	2		



35

