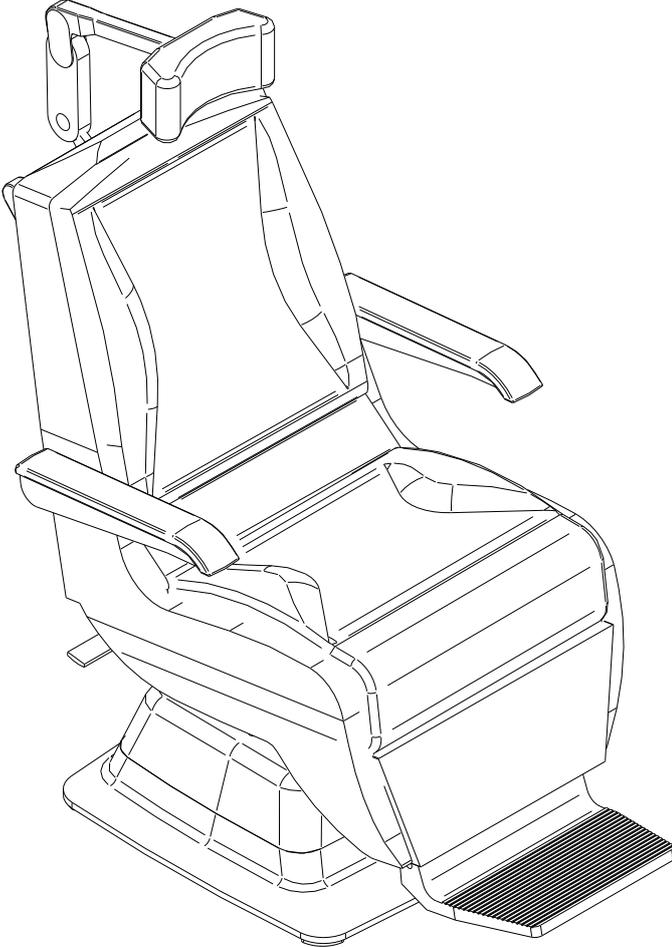




PARTS MANUAL

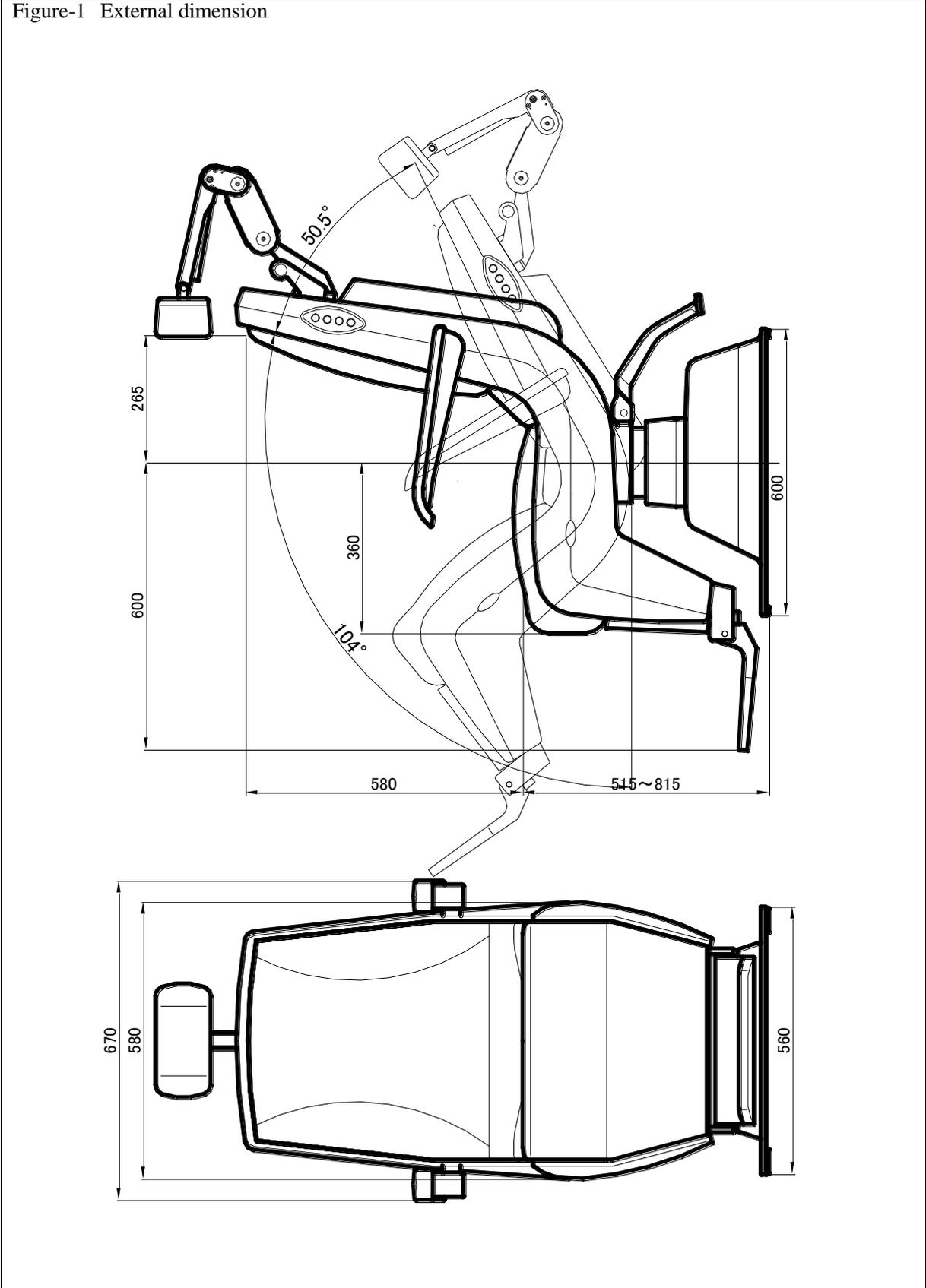
Product Number 1262

Marco Tilt Chair



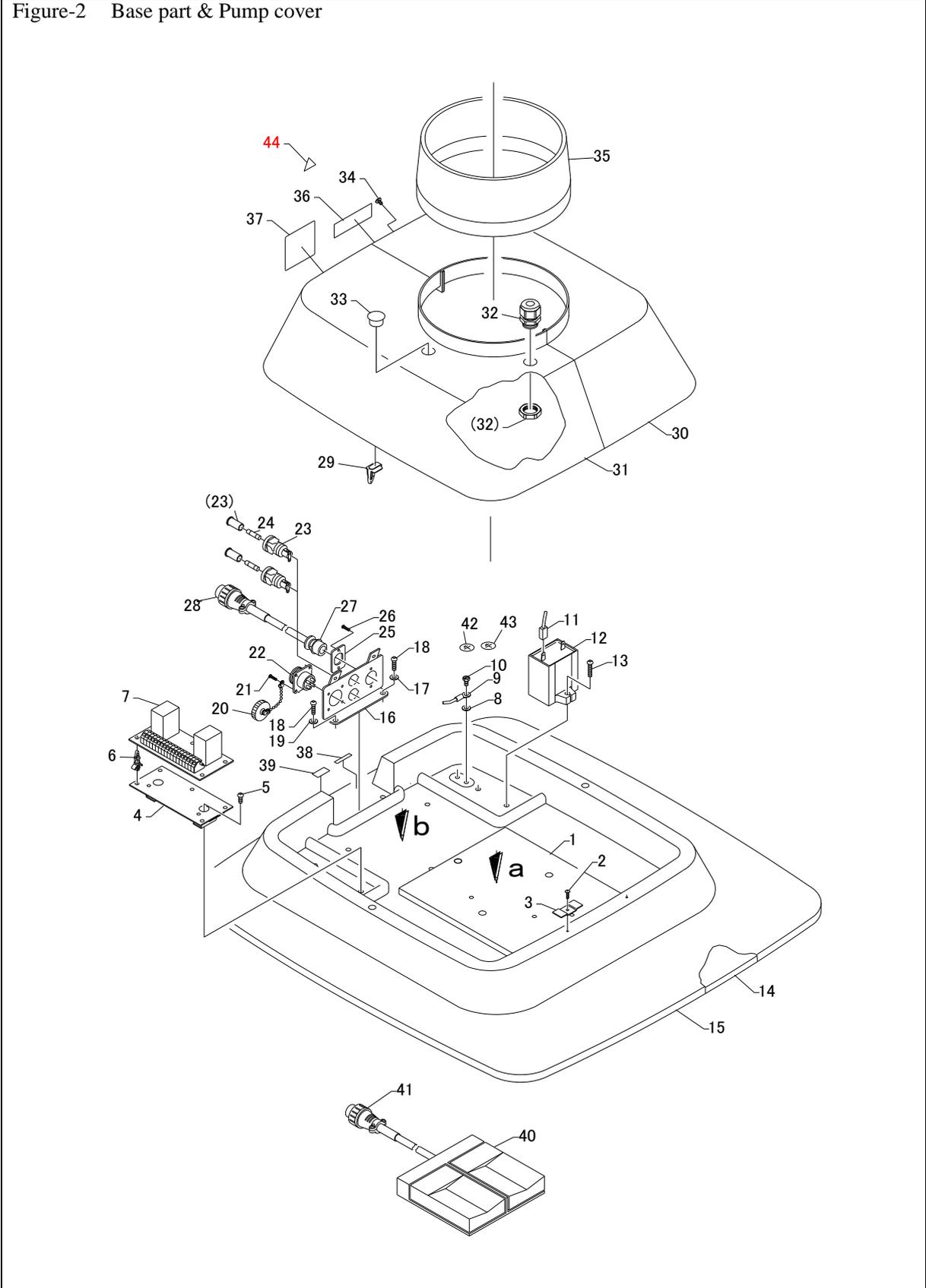
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Figure-1 External dimension



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Figure-2 Base part & Pump cover



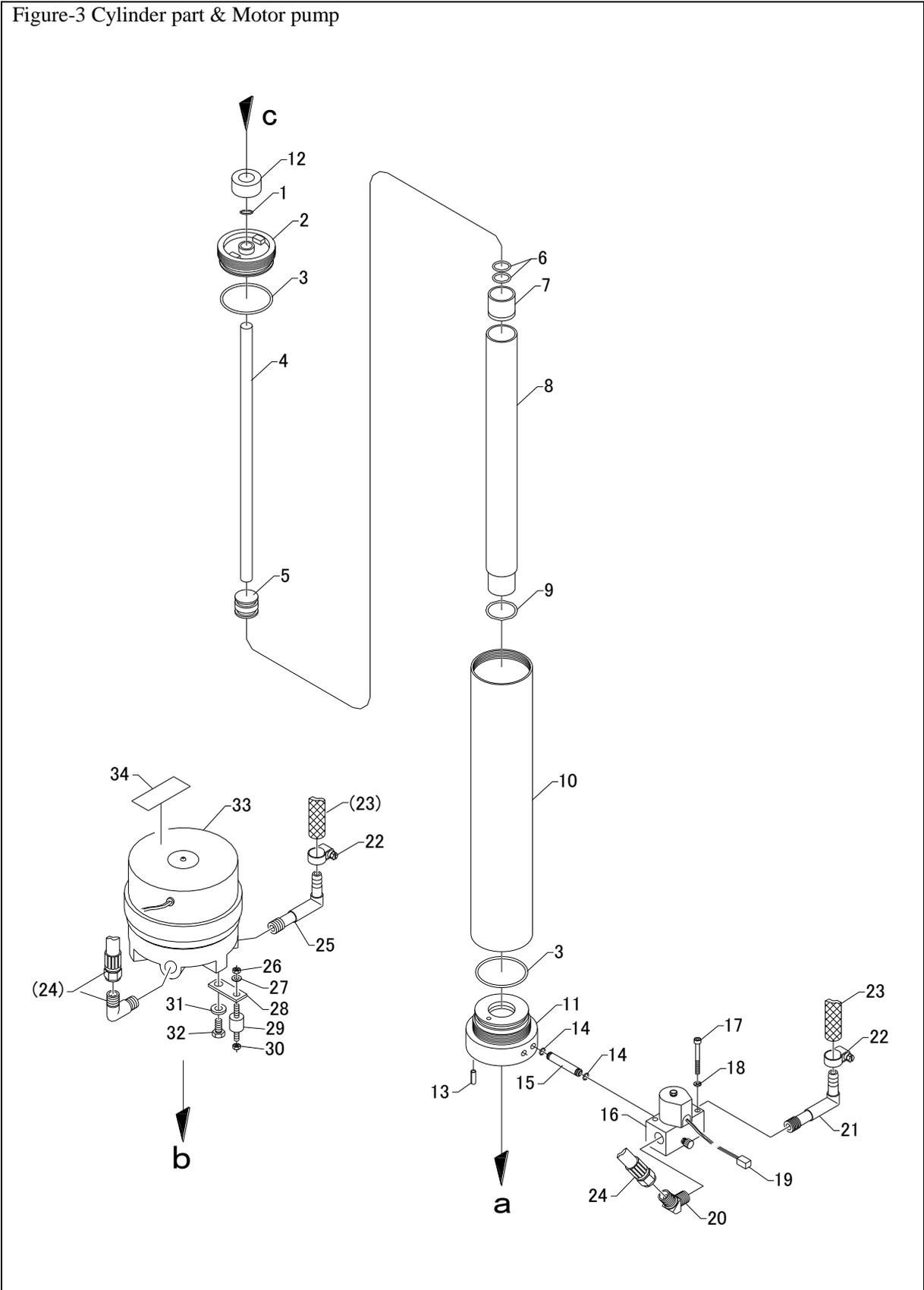
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Table-2 Base part & Pump cover

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	U02634	Plate	1	27	71059143	Cord bush	1
2	3-10	Tapping screw	2	28	71083047	Metal connector	1
3	U02421	Cover fixing bracket	2	29	52067010	Mount	2
4	U02382	Bracket Assy	1	30	U02427-3	Pump cover R.H.	1
5	M5-10	Screw	2	31	U02428-4	Pump cover L.H.	1
6	71060004	Support (LCBS-6N)	5	32	71059276	Cord bush (3211)	1
7	U02-18E2	PCB unit Assy	1	33	U02633-1	Hole plug	1
8	5	Toothed lock washer	2	34	M4-6	Truss head screw	2
9	*	Earth terminal	2	35	U02635-1	Cover cap	1
10	M5-8	Hexagon bolt (ground)	2	36	Z52319	Warning label	1
11	71070067	Connector(1P-187)	2	37	Z52336	Flash label	1
12	72084035	Condenser 45 μ F(220VAC)	1	38	Z53084	Label (T8L250V)	1
13	M4-15	Screw	1	39	Z52148	Label (FOOT.SW)	1
14	U02375	Base Assy	1	40	*	Foot switch	1
15	U02426-2	Base cover	1	41	*	(Metal connector)	1
16	U02422-3	Power panel	1	42	Z54001	Label (ground)	1
17	5	Toothed lock washer	1	43	Z54071	Label (ground)	1
18	M5-15	Screw	2	44	Z52241	Warning label	
19	5	Spring washer	1				
20	71083041	Metal cap	1				
21	M3-10	Screw	4				
22	71083036	Metal connector	1				
23	71076080	Fuse holder	2				
24	71076144	Fuse	2				
25	U02420-1	Cord panel	1				
26	M3-10	Screw	2				

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Figure-3 Cylinder part & Motor pump



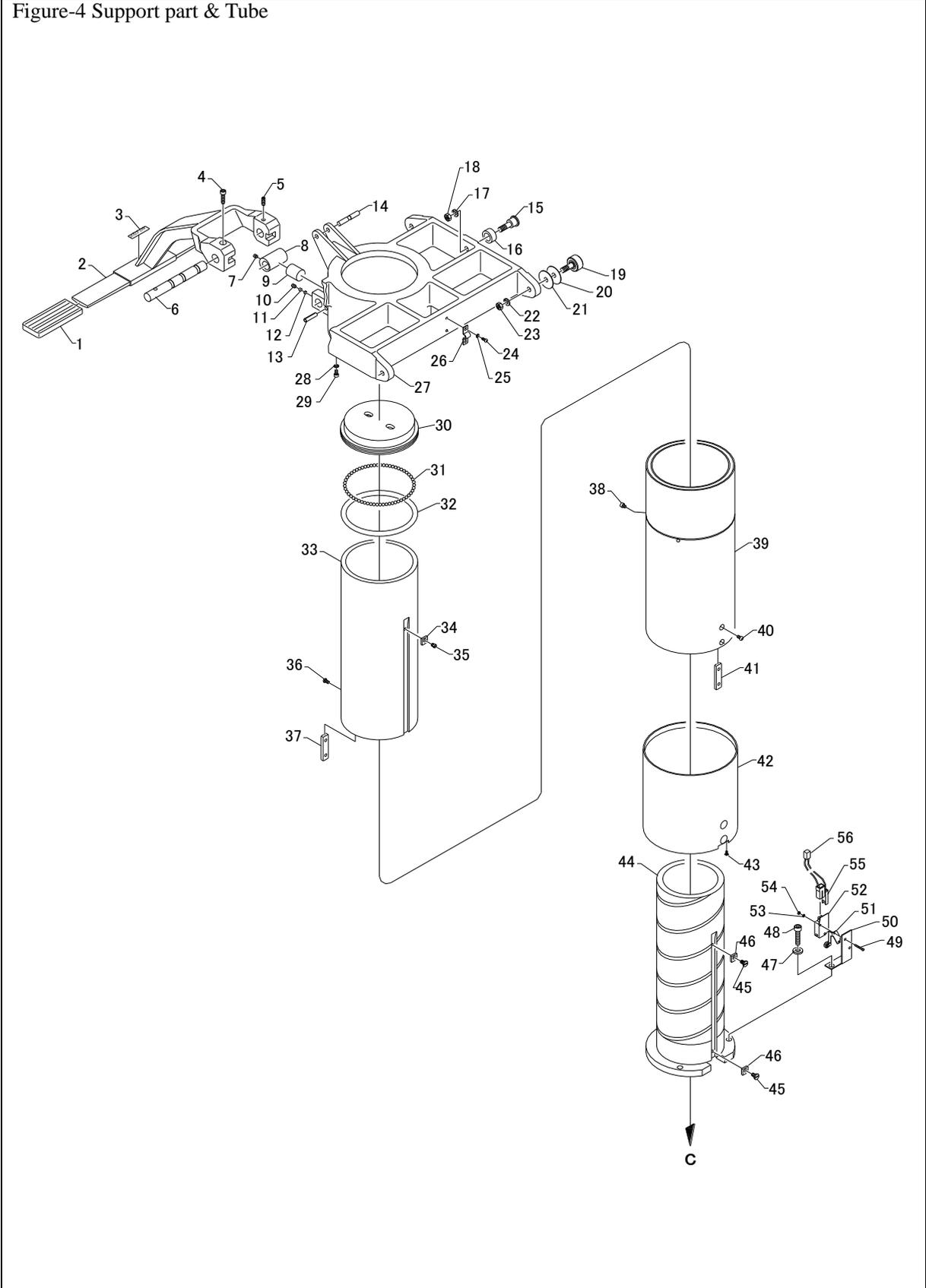
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Table-3 Cylinder part & Motor pump

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	52015009	O-ring(P-15)	1	27	5	Spring washer	3
2	U02339	Rod end cap	1	28	U02037	Motor mounting plate	3
3	52015008	O-ring(G-65)	2	29	52079012	Anti-vibration rubber	3
4	U02343-2	Piston rod	1	30	M5	Nut	3
5	U02342	Piston	1	31	8	Spring washer	3
6	52015021	O-ring(P-24)	2	32	M8-15	Hexagon bolt	3
7	U02341	Sleeve	1	33	72084035	Motor pump	1
8	U02340	Main cylinder	1	34	Z52335	Label (CAUTION. GND)	1
9	52015007	O-ring(G-35)	1				
10	U02338	Cylinder tube	1				
11	U02337	Head end cap	1				
12	U02010	Cushion	1				
13	5-15	Spring pin	1				
14	52068010	O-ring(S6)	4				
15	52068010	Pipe	2				
16	52068010	Electromagnetic valve	1				
17	M5-40	Cap screw	2				
18	5	Spring washer	2				
19	71070052	Connector (VHR-2N-UL)	1				
20	52050051	Adapter(1036 1/4)	1				
21	U02158	Hose joint L	1				
22	52079001	Hose clip(17ABA)	2				
23	U02336-1	Suction tube	1				
24	U02372-1	Pressure-resistant tube Assy	1				
25	U02158	Hose joint L	1				
26	M5	Nut	3				

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Figure-4 Support part & Tube



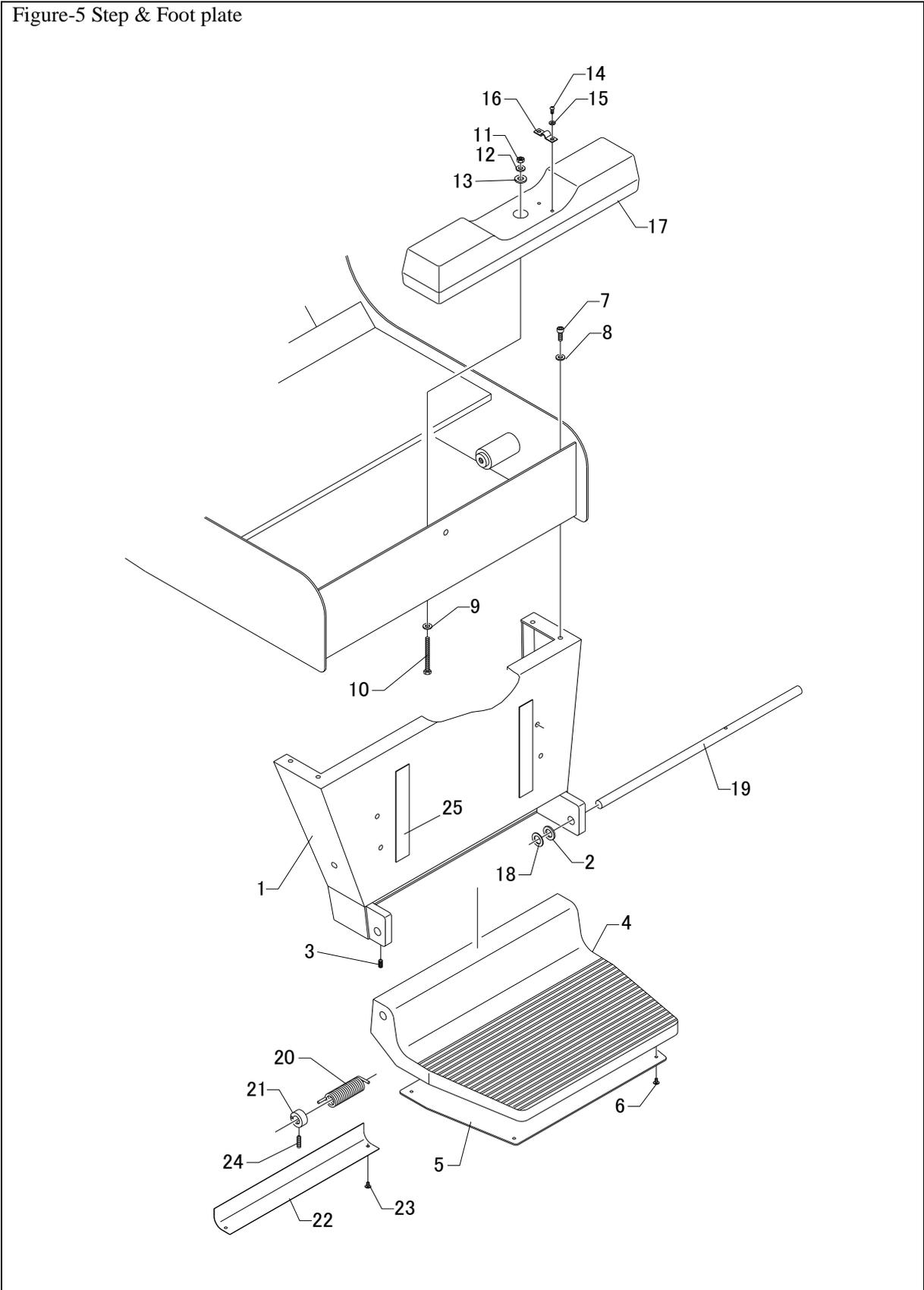
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Table-4 Support part & Tube

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	U02260	Decoration tube	2	27	U02353-2	Support	1
2	U02441-1	Brake lever	1	28	5	Spring washer	2
3	Z52003	Sticker (NO STEP)	1	29	M5-8	Cap screw	2
4	M6-20	Cap screw	1	30	U02352-1	Prop cap	1
5	M6-15	Set screw	1	31	52062038	Steel ball (D6)	70
6	U02261	Lever pin	1	32	52015028	O-ring (P-112)	1
7	M6-6	Set screw	2	33	U02347-1	Intermediate tube	1
8	U02385	Eccentric sleeve	1	34	U02346	Stopper rubber	1
9	U02354-1	Brake pin	1	35	U02348	Stopper pin	1
10	M6-8	Set screw	2	36	M5-8	Button head screw	2
11	U01731	Cushion	2	37	U02320	Key	1
12	U14006	Brake block	2	38	M5-5	Cap screw	2
13	6-25	Spring pin	2	39	U02350-2	Outer tube	1
14	U02243	Pin	1	40	M5-8	Button head screw	2
15	U02355	Eccentric shaft	2	41	U02349-1	Key	1
16	U02357	Follower	2	42	U02351-1	Tube cover Assy	1
17	8	Spring washer	2	43	M3-6	Truss head screw	3
18	M8	Nut	2	44	U02344-1	Inner tube	1
19	52055012	Cam follower (JKR25)	4	45	U02345	Stopper pin	2
20	U02273	Washer	4	46	U02346	Stopper rubber	2
21	U02272	Washer	4	47	8	Spring washer	3
22	8	Spring washer	4	48	M8-35	Cap screw	3
23	M8	Nut	4	49	M3-18	Screw	2
24	M4-8	Screw	2	50	U02334	Switch stand	1
25	4	Spring washer	2	51	U02126	Switch mounting plate Assy	1
26	U01418	Cable clamp	1	52	71080013	Micro switch (V-16-2AL5)	1

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Figure-5 Step & Foot plate



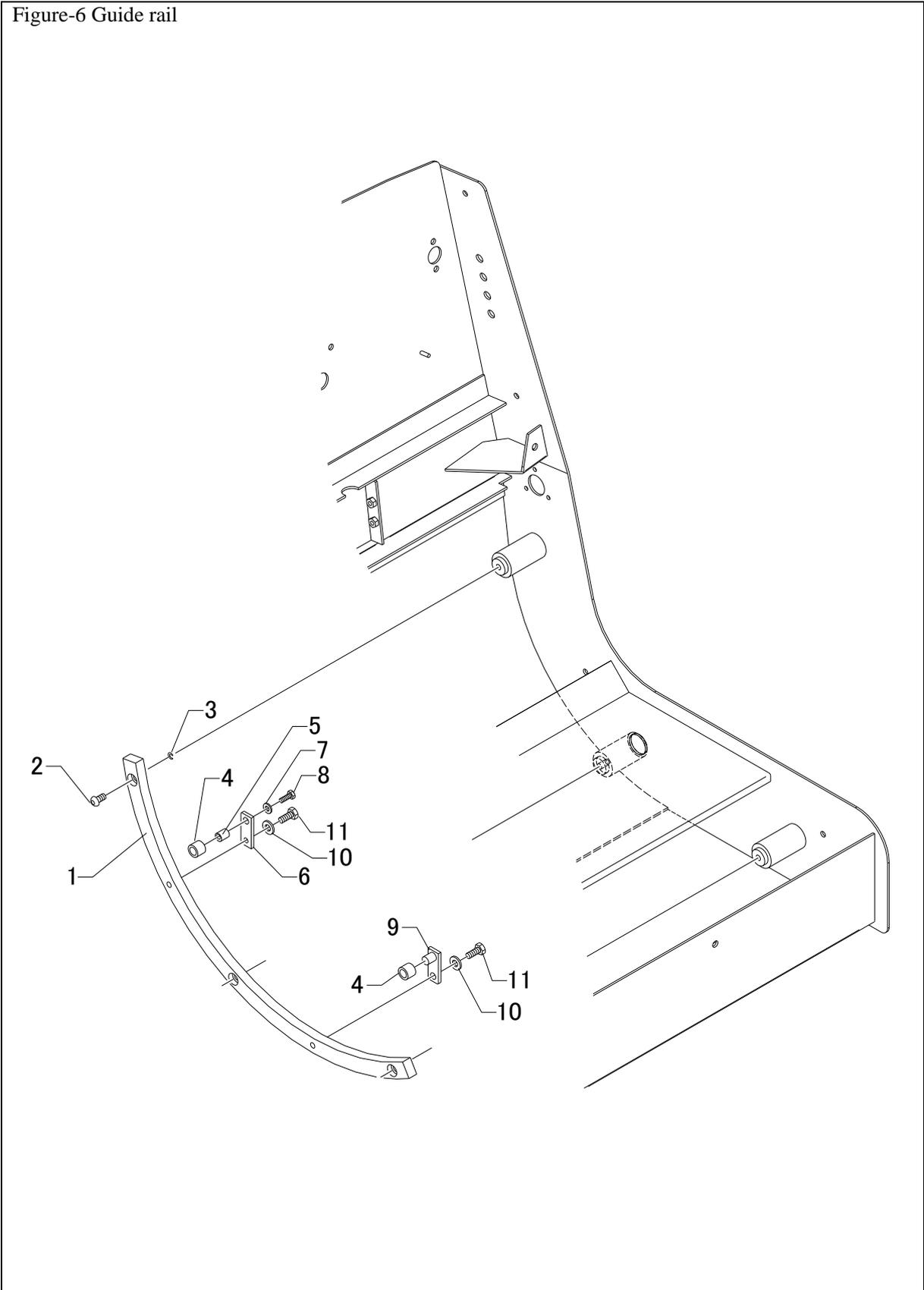
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Table-5 Step & Foot plate

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	U01253-2	Foot plate Assy	1				
2	U01034	Spacer	2				
3	M6-12	Set screw	2				
4	U01695-3	Step	1				
5	U01348-1	Cover plate	1				
6	3-8	Tapping screw	4				
7	M6-15	Cap screw	4				
8	6	Spring washer	4				
9	6	Washer	1				
10	M6-55	Hexagon bolt	1				
11	M6	Nut	1				
12	6	Spring washer	1				
13	8	Washer	1				
14	M4-8	Screw	2				
15	4	Spring washer	2				
16	U01418	Cable clamp	1				
17	U01295-2	Balance weight	1				
18	U01176	Spacer	*				
19	U01734	Shaft	1				
20	U01732	Spring	1				
21	U01735	Collar	1				
22	U01733	Cover	1				
23	3-8	Tapping screw	2				
24	M6-18	Set screw	1				
25	U01758	Velcro (loop side)	2				

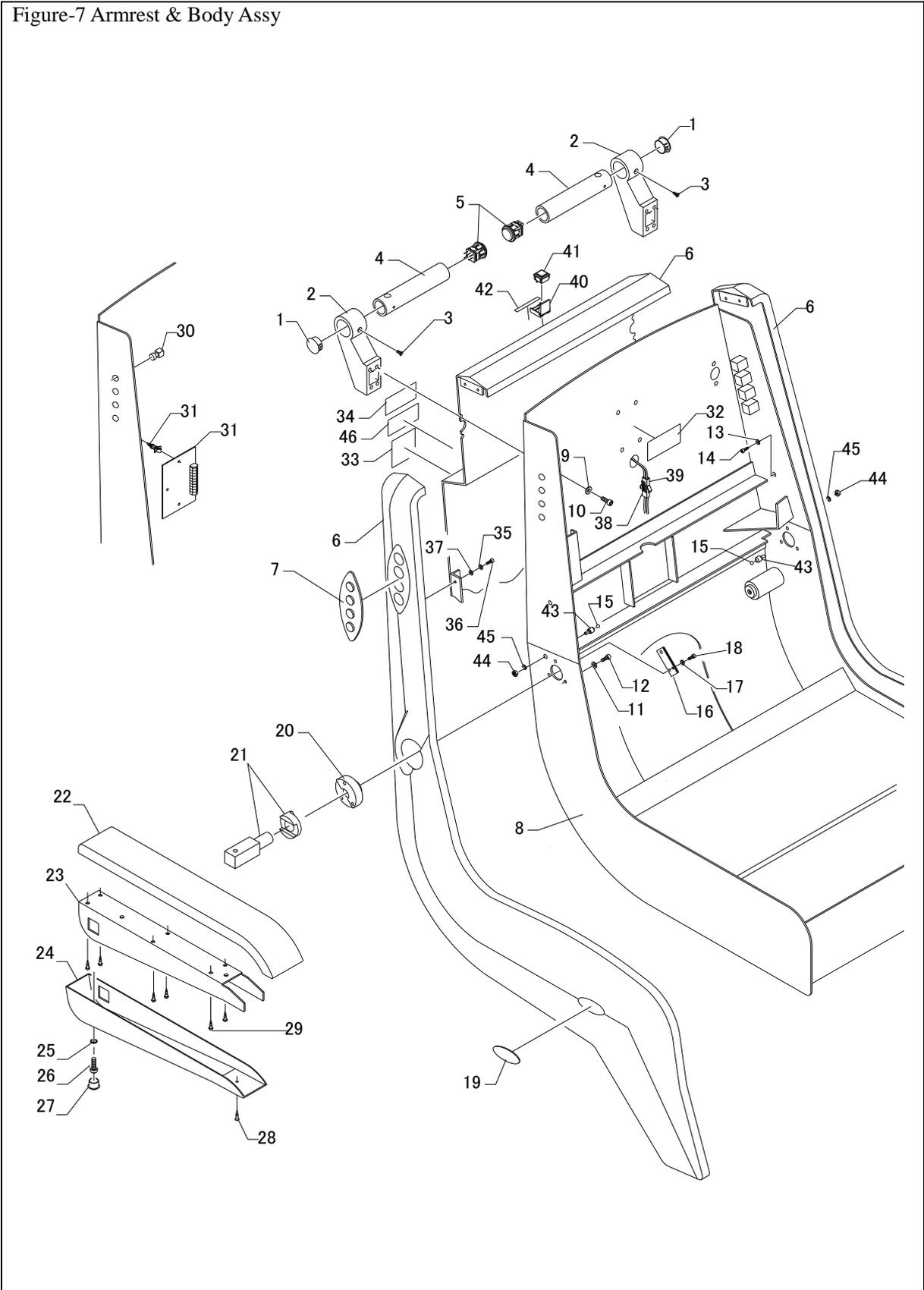
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Figure-6 Guide rail



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Figure-7 Armrest & Body Assy



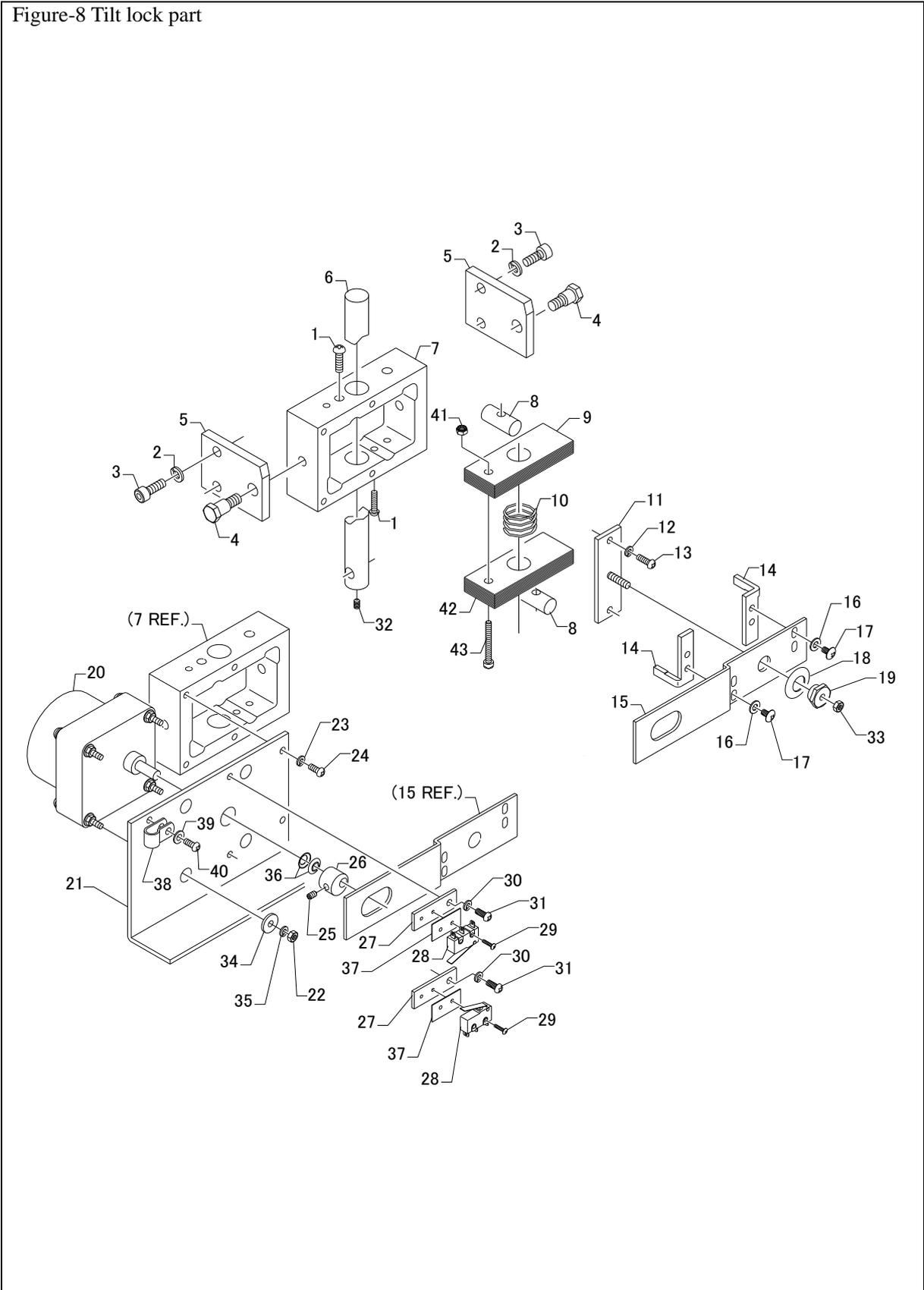
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Table-7 Armrest & Body Assy

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	52079026	Hole plug (DP-875)	2	24	U01746-1	Arm cover L. H.	1
2	U01256-2	Pedestal	2		U01747-1	Arm cover R. H.	1
3	M4-10	Countersunk head screw	2	25	6	Spring washer	2
4	U01258	Handle L	2	26	M6-25	Cap screw	2
5	71054024	Button SW	2	27	U01407-1	Hole plug	2
6	U01727-3	Body cover	1	28	3.8-32	Oval head wood screw	2
7	U01726-1	Overlay	2	29	3.8-13	Oval head wood screw	12
8	U01410-5	Body Assy	1	30	71062140	Switch (A2A-4W)	8
9	6	Washer	4	31	U01-12E2	PCB unit Assy	1
10	M6-15	Hexagon bolt	4	32	Z52334	Label (EL. SHOCK)	1
11	5	Spring washer	6	33	Z52336	Flash label	1
12	M5-12	Cap screw	6	34	*	Name plate	1
13	M4-15	Cap screw	12	35	4	Spring washer	14
14	4	Washer	12	36	M4-15	Cap screw	14
15	52062038	Steel ball (D6)	2	37	4	Washer	14
16	U01416	Click spring	14	38	71070036	Connector (MLR-02)	1
17	4	Spring washer	4	39	71070029	Connector (MLP-02)	1
18	M4-15	Cap screw	4	40	71062180	Switch guard (MD7250011)	1
19	Z51203-1	Label (MARCO)	2	41	71062131	Switch (LP2S-17S-K)	1
20	U01412-1	Sleeve L. H.	1	42	Z52240	Label	1
	(U01411-1)	Sleeve R. H.	1	43	U01410C2	Catch	2
21	U01748-1	Shaft R. H	1	44	M5	Hexagon Nut	2
	(U01749-1)	Shaft L. H	1	45	5	Spring washer	2
	U01750-1	Stopper sleeve	2	46	U99088	Label	1
22	U01744	Arm Assy	2				
23	U01742	Frame Assy (for Tilt)	2				

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Figure-8 Tilt lock part



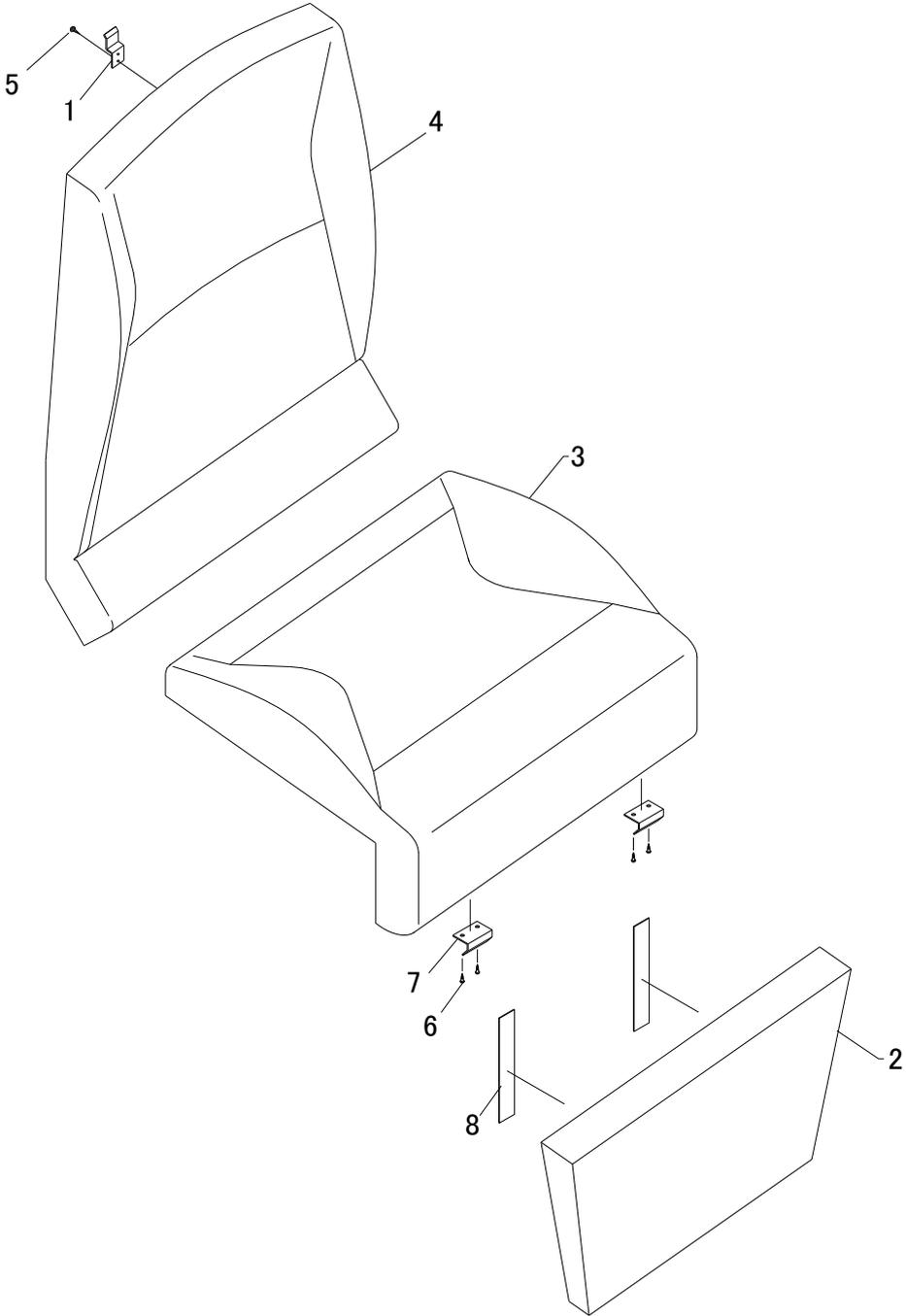
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Table-8 Tilt lock part

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	M5-15	Screw	2	27	U01301	SW plate	2
2	6	Spring washer	4	28	71080003	Micro switch (SS-5GL)	2
3	M6-15	Cap screw	4	29	M2-8	Truss head screw	4
4	U01271	Pivot pin	2	30	4	Spring washer	2
5	U01270-2	Bracket	2	31	M4-6	Screw	2
6	U01275	Tilt shaft	1	32	M5-6	Set screw	1
7	U01296-4	Cleat holder	1	33	M4	Nut	1
8	U01297	Spacer	2	34	U01337	Washer	4
9	U01264-1	Cleat	9	35	4	Spring washer	4
10	U01504	Spring	1	36	U01703	Push nut	2
11	U01342	Beam	1	37	U01419	Insulator. S	2
12	4	Spring washer	2	38	71070101	Nylon clamp (NK-4N)	1
13	M4-10	Screw	2	39	4	Washer	1
14	U01299	Release	2	40	M4-8	Screw	1
15	U01298	Actuator	1	41	M4	Nylon nut	1
16	4	Washer	4	42	U01264-1	Cleat	10
17	M4-6	Truss head screw	4	43	M4-32	Cap screw	1
18	52078435	Belleville springs (L-20)	1				
19	U01343	Adjuster	1				
20	71061000	Motor(HAF60-60-115(10)6TKG)	1				
21	U01300	Motor plate	1				
22	M4	Nut	4				
23	4	Spring washer	2				
24	M4-10	Screw	2				
25	M4-6	Set screw	1				
26	U01302-1	Eccentric roller	1				

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Figure-9 Cushion



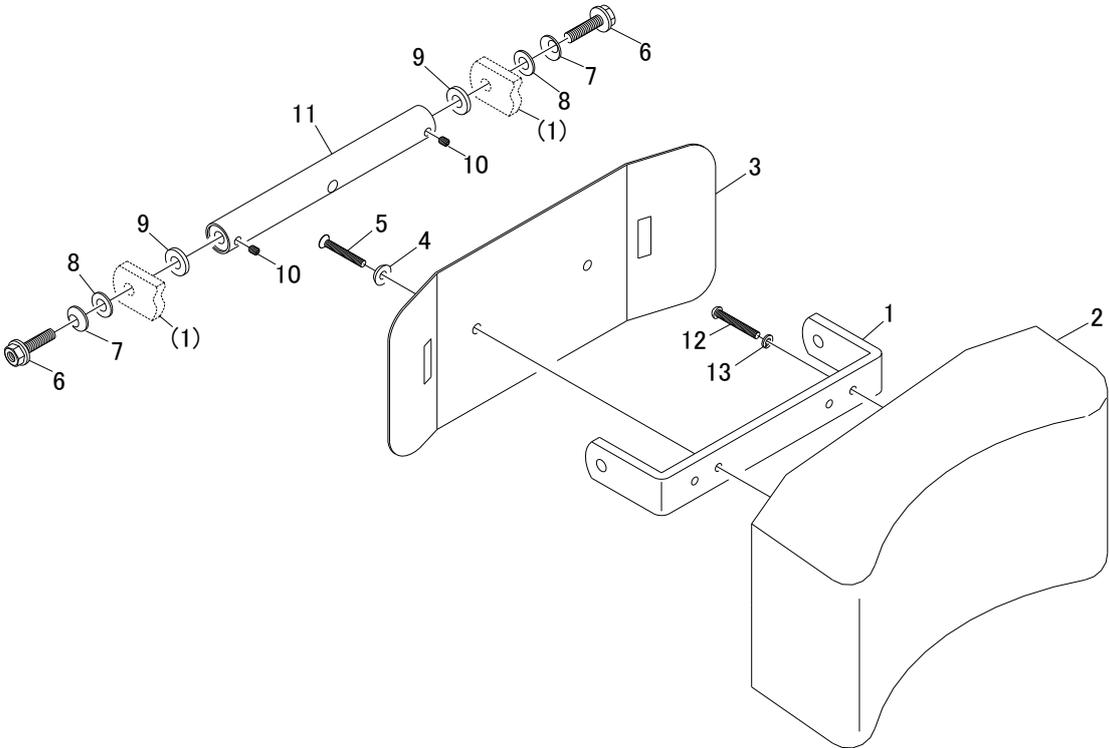
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Table-9 Cushion

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	U01283	Bracket	2	5	2.7-15	Oval head wood screw	4
2	U01280-1	Calf pad (black)	1	6	2.7-10	Oval head wood screw	4
	U01633-1	Calf pad (charcoal)		7	U01756	Clip	2
	U01634-1	Calf pad (navy)		8	U01757	Velcro (hook side)	2
	U01728	Calf pad (mushroom)					
	U01787	Calf pad (silver)					
3	U01281-1	Seat cushion (black)	1				
	U01641-1	Seat cushion (charcoal)					
	U01642-1	Seat cushion (navy)					
	U01729	Seat cushion (mushroom)					
	U01776	Seat cushion (black & gray)					
	U01780	Seat cushion (mushroom & navy)					
	U01788	Seat cushion (silver)					
U01790	Seat cushion (navy & silver)						
4	U01282-2	Backrest cushion (black)	1				
	U01649-2	Backrest cushion (charcoal)					
	U01650-2	Backrest cushion (navy)					
	U01730-1	Backrest cushion (mushroom)					
	U01777	Backrest cushion (black & gray)					
	U01781	Backrest cushion (mushroom & navy)					
	U01789	Backrest cushion (silver)					
U01791	Backrest cushion (navy & silver)						

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Figure-10 Cushion (headrest)



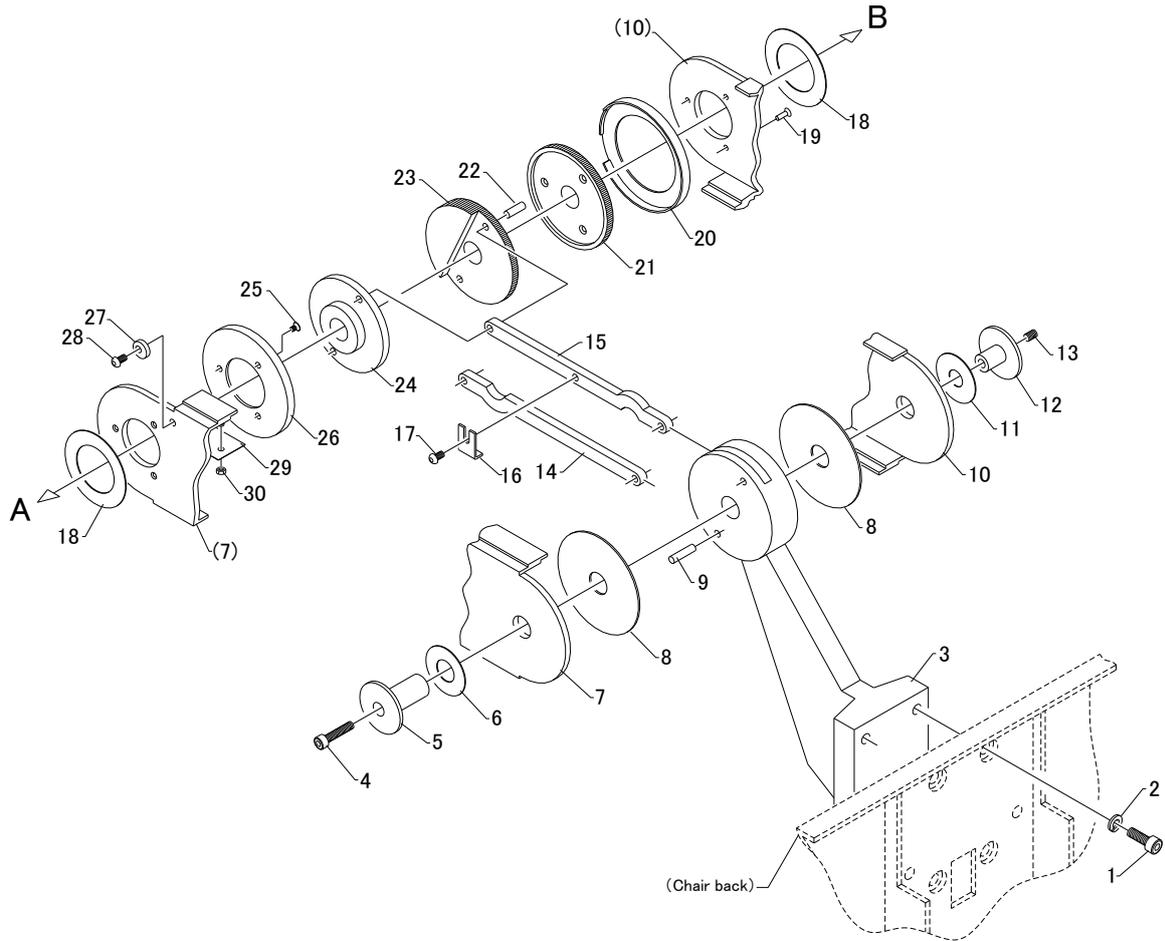
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Table-10 Cushion (headrest)

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	U11057	Yoke	1	*	*	*	*
2	U11055	Pillow (charcoal)	1	*	*	*	*
	U11207	Pillow (navy)		*	*	*	*
	U11209	Pillow (black)		*	*	*	*
	U11262	Pillow (mushroom)		*	*	*	*
	U11272	Pillow (silver)		*	*	*	*
	*	*		*	*	*	*
	*	*		*	*	*	*
3	U11069	Pillow Base (charcoal)	1	*	*	*	*
	U11216	Pillow Base (navy)		*	*	*	*
	U11218	Pillow Base (black)		*	*	*	*
	U11263	Pillow Base (mushroom)		*	*	*	*
	U11273	Pillow Base (silver)		*	*	*	*
	*	*		*	*	*	*
	*	*		*	*	*	*
4	4	Rosette washer	2	*	*	*	*
5	M4-25	Countersunk head screw	2	*	*	*	*
6	M6-20	Hexagon flange bolt	2	*	*	*	*
7	L-12.5	Cup washer	2	*	*	*	*
8	6	Washer	2	*	*	*	*
9	U11059	Washer	2	*	*	*	*
10	M4-5	Set screw	2	*	*	*	*
11	U11003-1	Head rest shaft	1	*	*	*	*
12	M4-25	Screw	2	*	*	*	*
13	4	Spring washer	2	*	*	*	*
*	*	*	*	*	*	*	*

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Figure-11 Headrest part



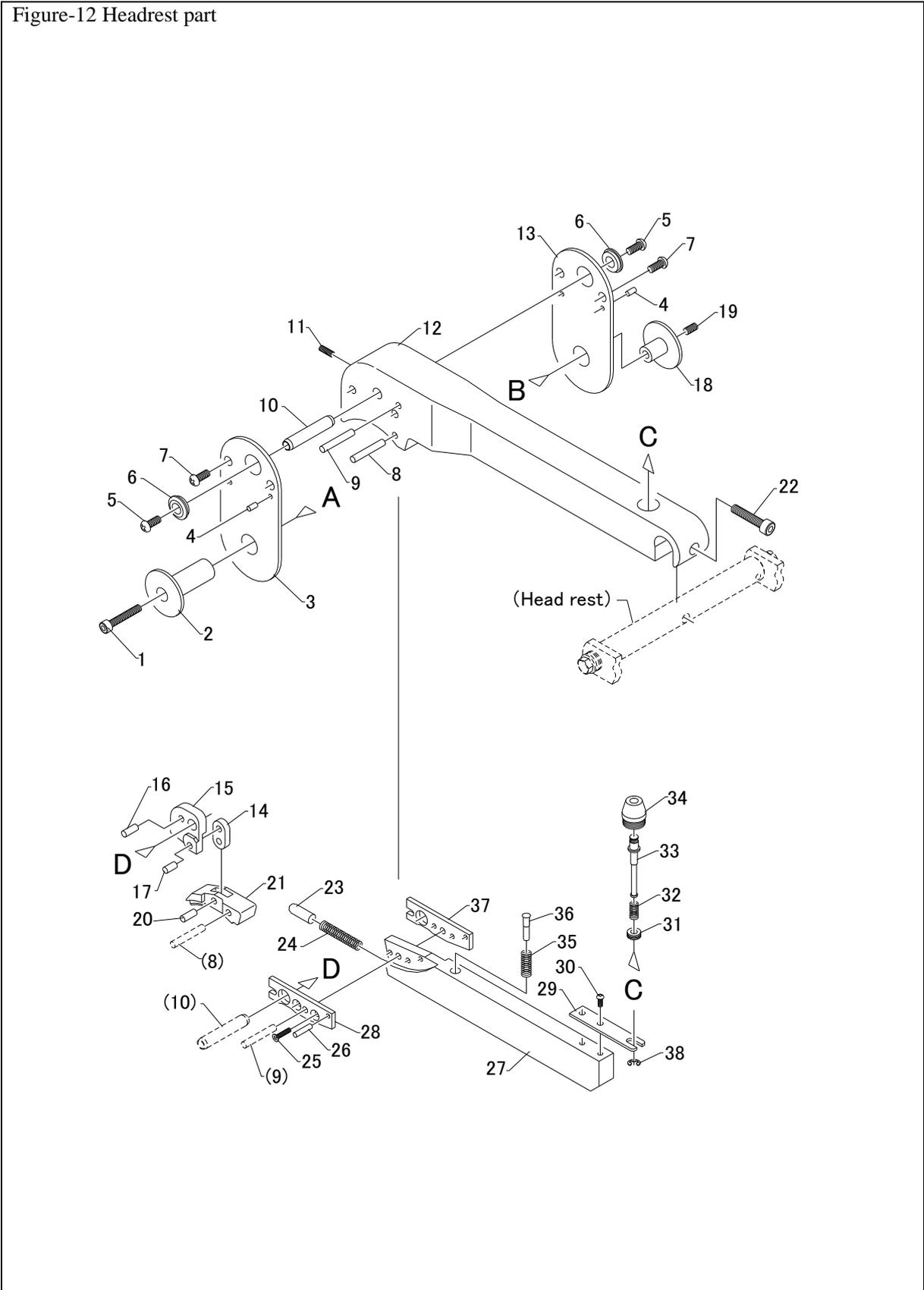
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Table-11 Headrest part

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	M6-15	Cap screw	4	27	U11140	Stopper	1
2	6	Spring washer	4	28	M4-6	Button head screw	1
3	U11148-1	Bracket	1	29	U11137-1	Cover plate	1
4	M5-20	Cap screw	1	30	M3	Nut	2
5	U11129	Bush (C)	1				
6	U11131	Thrust washer	1				
7	U11138-1	Arm cover L. H.	1				
8	U11130	Thrust washer	2				
9	4-16	Parallel pin	2				
10	U11136-1	Arm cover R. H.	1				
11	U11132	Thrust washer	1				
12	U11128	Bush (B)	1				
13	M5-6	Set screw	1				
14	U11093	Link	1				
15	U11134	Stopper link	1				
16	U11135	Stopper	1				
17	M4-6	Button head screw	1				
18	U11112	Thrust washer	2				
19	3-8	Countersunk head rivet	3				
20	U11139	Drum brake	1				
21	U11090	Gear (A)	1				
22	4-12	Parallel pin	2				
23	U11101	Gear (B)	1				
24	U11124	Bushing	1				
25	M3-4	Countersunk head screw	3				
26	U11125	Drum	1				

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Figure-12 Headrest part



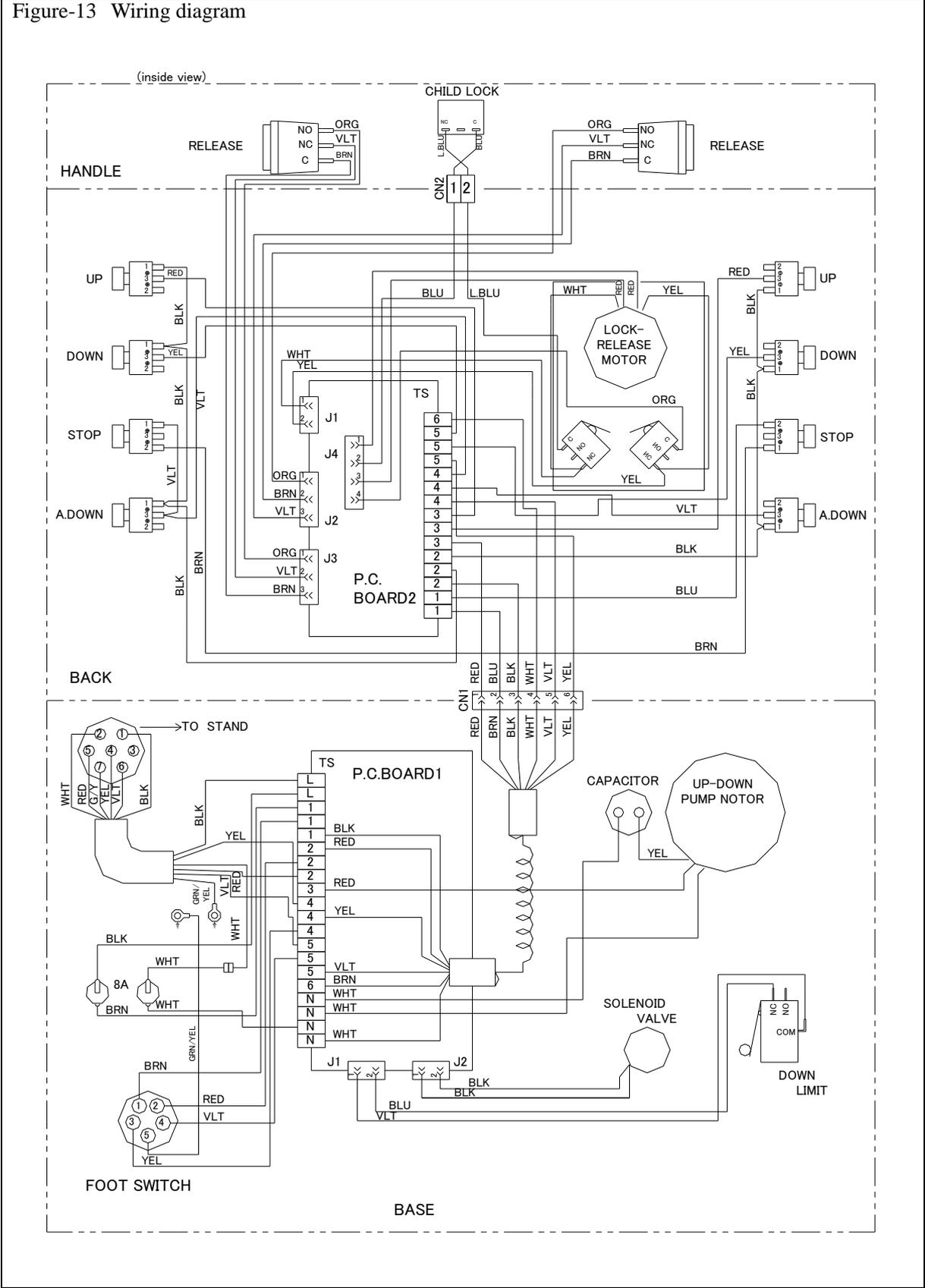
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Table-12 Headrest part

Index No.	Parts No.	Parts name / Description	QTY	Index No.	Parts No.	Parts name / Description	QTY
1	M5-25	Cap screw	1	27	U11119	Lever	1
2	U11127	Bush (A)	1	28	3	E ring	1
3	U11086	Plate cover (B)	1	29	U11120	Lever plate	1
4	3-6	Parallel pin	4	30	M3-6	Screw	2
5	M5-10	Screw	2	31	U11123	Guide ring	1
6	U11084	Bush	2	32	52062067	Spring (A-111)	1
7	M5-10	Screw	4	33	U11122	Indicator	1
8	4-25	Parallel pin	1	34	U11121-1	Body	1
9	4-25	Parallel pin	1	35	U11108	Spring	1
10	U11083	Lever pin	1	36	U11081	Pin	1
11	M4-10	Set screw	1	37	U11074	Plate metal (A)	1
12	U11118-2	Arm	1	38	U11075	Plate metal (B)	1
13	U11085	Plate cover (A)	1				
14	U11073	Link	1				
15	U11072-1	Cam	1				
16	4-10	Parallel pin	1				
17	4-8	Parallel pin	1				
18	U11128	Bush (B)	1				
19	M5-8	Set screw	1				
20	4-10	Parallel pin	1				
21	U11076	Claw	1				
22	M6-25	Cap screw	1				
23	U11079	Insert	1				
24	U11082	Spring	1				
25	M3-12	Countersunk head screw	2				
26	3-14	Parallel pin	1				

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Figure-13 Wiring diagram



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