

Quolis[®] Series

QUOLIS DENTAL CHAIR

**Model : Q-5000 (AC-BEL5000)
120V/60Hz**

Parts List

Ver. 01.2

Feb 7, 2012

IMPORTANT

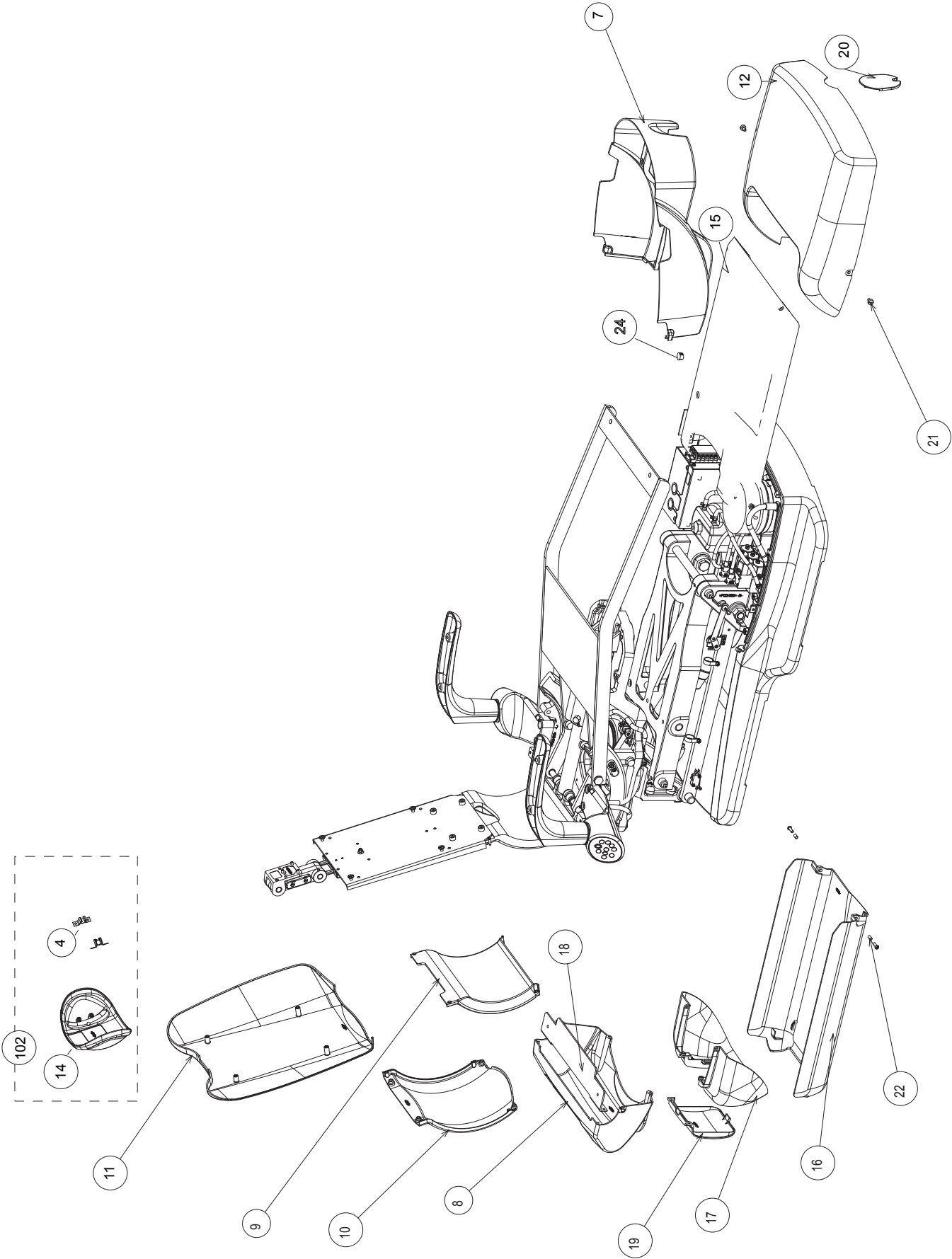
- Not all of the parts indicated in these lists are available by itself. Some of the parts can only be supplied as an assembled unit with other parts.
- Parts design, description and parts numbers are subject to change without notice.
- Not all of the parts are available in stock of Takara Belmont USA Inc. Some of the parts need to be arranged at receipt of your firm purchase order.



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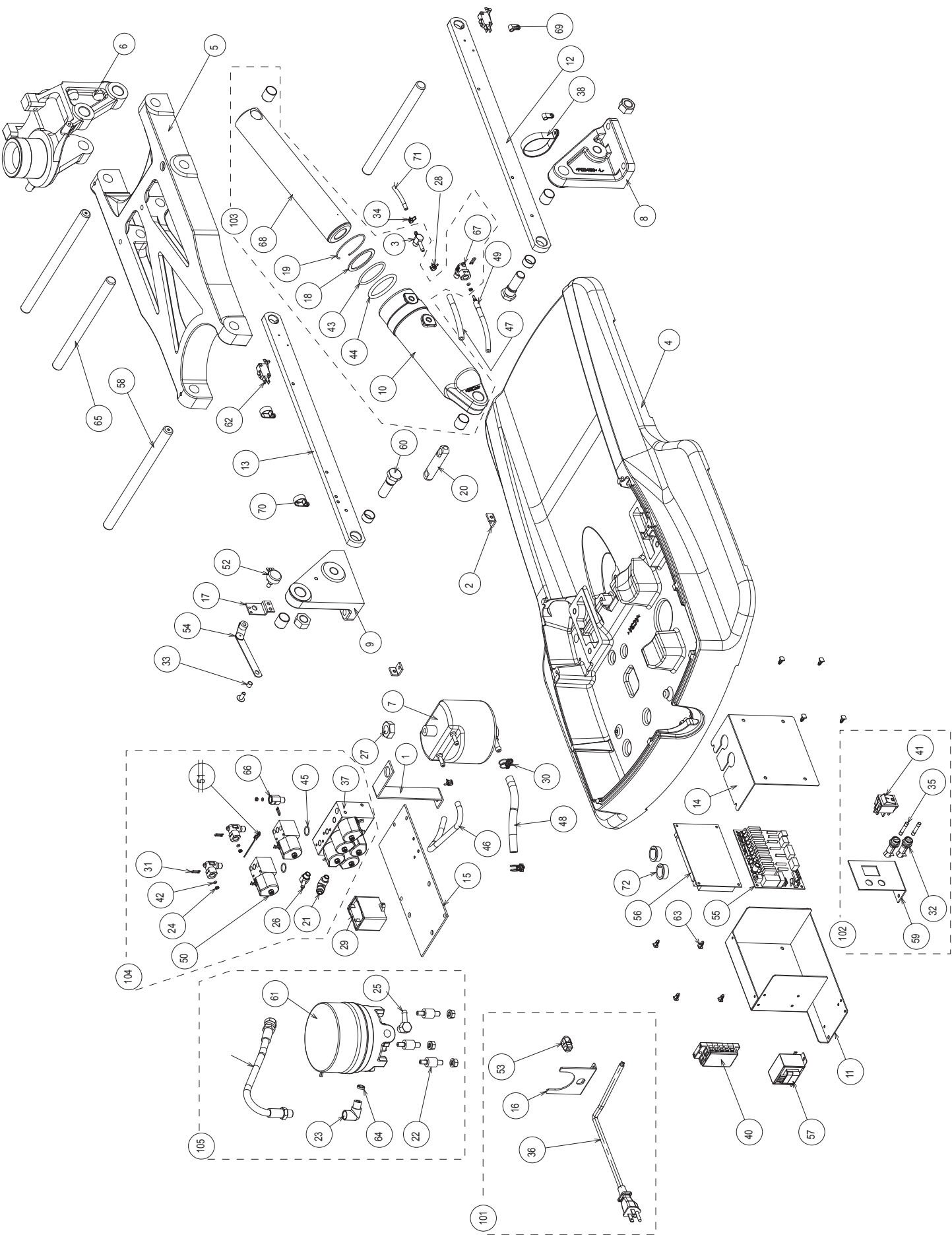
1. Q-5000 Plastic Covers



1. Q-5000 Plastic Covers

No.	Item No.	Description	Qty
4	AAER61A0	Clip for headrest cover	2
7	AAFC14A0	Upper cover (front)	1
8	AAFC15A0	Upper cover (Rear)	1
9	AAFC16A0	Backrest support cover (front)	1
10	AAFC17A0	Backrest support cover (rear)	1
11	AAFC18A0	Backrest cover	1
12	AAFC19A0	Pump cover	1
14	AAFF25A0	Headrest cover	1
15	AAFF26A0	Main link cover	1
16	AAFF27A0	Sub link cover	1
17	AAFF28A0	Flange cover (front)	1
18	AAFF40A0	Bracket for upper cover (Rear)	1
19	AAFK95A0	Flange cover (rear)	1
20	AAFU06A0	Pump cover cap	1
21	AEFY91A0	Screw M5 x 10	2
22	AEPE22B0	C spacer 5 x 10mm	2
24	DEQR72A0	Hole plug (DP-562)	1
102	AXEA91A0	Hadrest cover ass'y	1

2. Q-5000 Base Section



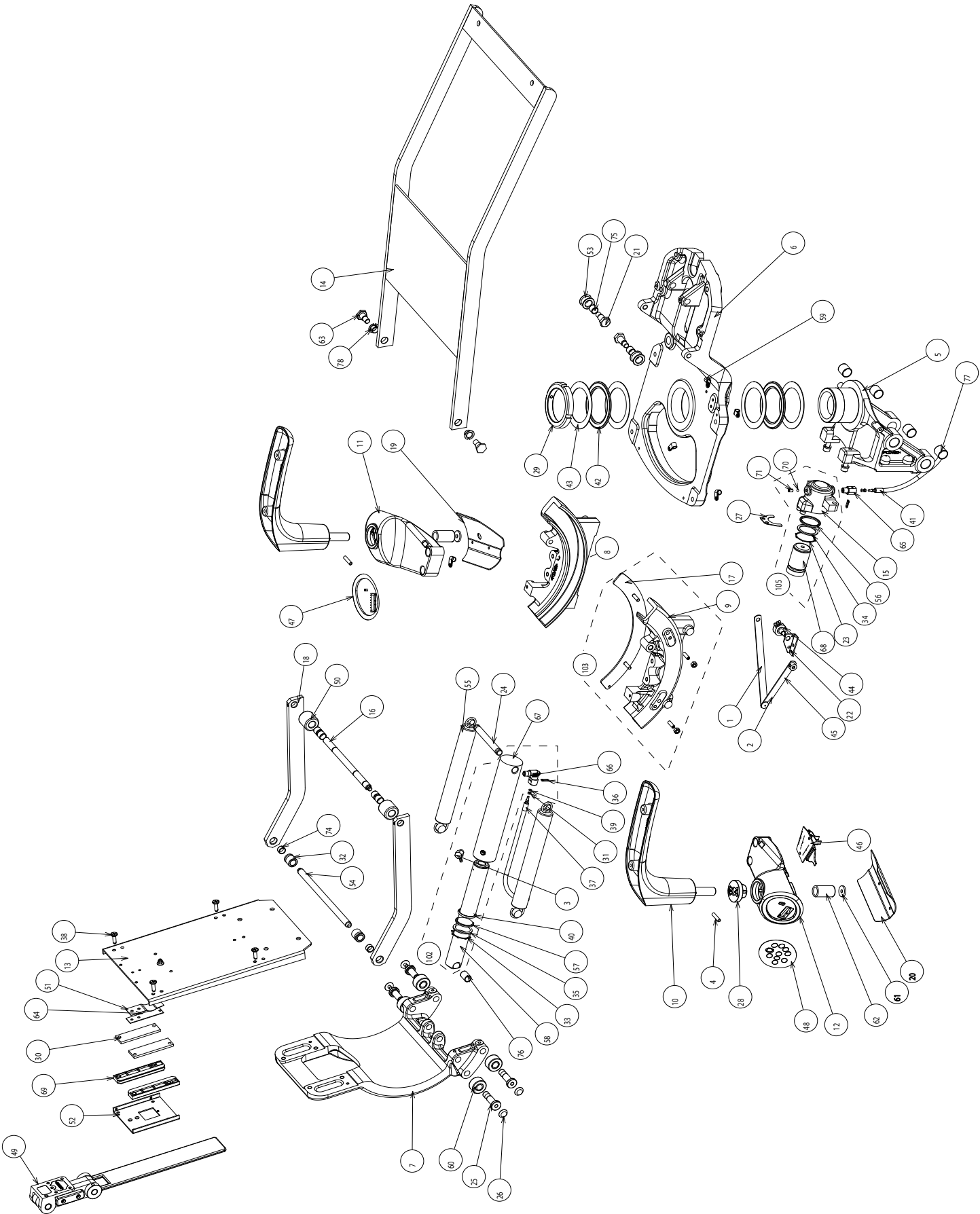
2. Q-5000 Base Section

No.	Item No.	Description	Qty.
1	AAER85A0	Oil reservoir fixing plate	1
2	AAER88A0	Pumpcover fixing plate	2
3	AAES32A0	T fitting mini	1
4	AAFA08A0	Base Plate	1
5	AAFB79A0	Main Link	1
6	AXBC55A0	Flange Ass'y	1
7	AAFE57A0	Oil reservoir	1
8	AXBC64A0	Link Bracket (L) Ass'y	1
9	AXBC63A0	Link Bracket (R) Ass'y	1
10	AAFE91A0	Base cylinder without ram and o-rings	1
11	AAFE92A0	Housing for control PCB	1
12	AXBC62A0	Sublink (L) Ass'y with bushing	1
13	AXBC61A0	Sublink (R) Ass'y with bushing	1
14	AAFK55A0	Cover for control PCB	1
15	AAFK56A0	Solenoid & Motor fixing plate	1
16	AAFT30A0	Umbilical hose bracket	1
17	AAFT31A0	Potentiometer bracket for up/down	1
18	AAFT32A0	Cylinder Felt (D45mm)	1
19	AAFT33A0	Spring for cylinder felt (D60mm)	1
20	AAFT43A0	Base cylinder lower axis	1
21	AAIB59B0	L fitting mini (1/8")	1
22	AAND52A0	Motor cushion rubber	3
23	AANF50B0	L fitting PT1/4	1
24	AANF59B0	O-ring support	1
25	AANF60B0	L fitting Motor NP PT1/4	1
26	AANF63B0	L fitting 1/8"	1
27	AANK19B0	Oil reservoir fixing nut	1
28	AANO70B0	Hose clip	2
29	AATP26A0	Capacitor 45MF 220VAC	1
---	ANFU12A0	Wire harness for capacitor	1
30	ABNH95B0	Hose band 14	1
31	ABNL93B0	U-pin	3
32	AEFR92A0	Fuse holder MF-530	2
33	AEFS09A0	C spacer 6 x 7L	1
34	AEFS10A0	Hose clip	4
35	AEFS11A0	Fuse (10A 314010MXP)	2
36	AEFX37A0	Power Cord (UL) SJT3 16AWG	1
37	AEFY72A0	Solenoid valve block (5 valves)	1
38	AEFY73A0	Nylon clamp SL-32N	1
39	AEFY74A0	High pressure hose 6x L300	1
40	AEFZ34A0	Terminal Block BTB15LC5	1

2. Q-5000 Base Section

41	AEIA06B0	Main power switch ass'y	1
42	AEND86A0	O-ring P-3	1
43	AENE06A0	P-ring P-50	1
44	AENE21A0	O-ring T-129	1
45	AENE22A0	O-ring N-14	2
46	AENL14A0	Fuel hose 5 x 9 x 1B	260 mm
47	AENL14A0	Fuel hose 5 x 9 x 1B	580 mm
48	AENL15A0	Fuel hose 7.5 x 13 x 1B	160 mm
49	AENL76B0	High pressure hose 3 x 580L	1
50	AFFU51A0	Slow slide valve (115V)	2
52	ANDR50A0	Potentiometer ass'y for up/down	1
53	AFNA70A0	Power cord bushing SR-11-2	1
54	AGDJ64B0	Linking plate set for potentiometer for back-rest	1
55	AGEJ37A0	Relay PCB (9RY) RY-2005	1
56	AGFS13C0	Chair control PCB	1
57	ANFT57A0	Transformer 120V (TK-120V-2H)	1
58	DAQJ05A0	Axis for main link cover	2
59	DAQJ07A0	Main power switch bracket RAL9003	1
60	DATS12A0	Sublink axis pin (A)	2
61	DETS17A0	Motor pump TSM-CBC-5LP-M1-E	1
62	AXCC97A0	Safety microswitch ass'y	2
63	DNOR11A0	PCB spacer RSPLS-6LU	8
64	F-61330	Strainer	1
65	J-32740	Link aaxis	2
66	SALA00C0	Straight fitting mini (1/8")	1
67	SALA05C0	L fitting mini (1/8")	1
68	TRFJ03A0	Base ram (D49.7mm x L284mm)	1
69	X-50520	Nylon clamp 3304 1/4	2
70	X-50540	Nylon clamp 3332 3/4	2
71	X-55130	Tubing 1/4 4-6	750 mm
101	ANFT70A0	Power cord (UL) ass'y	1
102	ANFT71A0	Main power switch section	1
103	AXBC56A0	Base cylinder ass'y	1
104	AXBC59A0	Solenoid valve ass'y (115V, 5 valves and slow slide valves)	1
105	AXBC60A0	Motor pump ass'y (115V)	1

3. Q-5000 Top Section



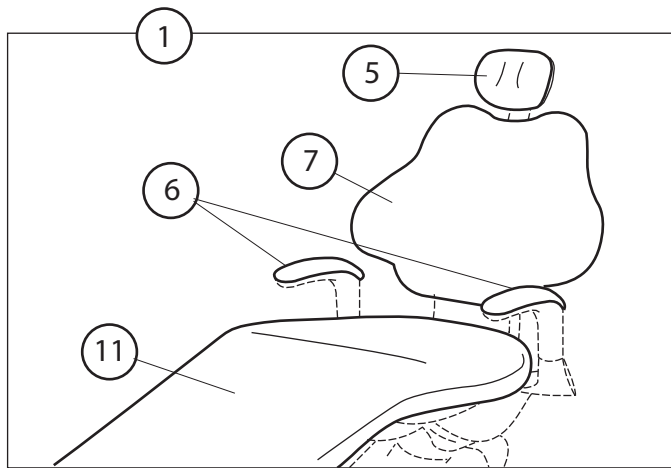
3. Q-5000 Top Section

No.	Item No.	Description	Qty.
1	AACN52C0	Not available by itself	
2	AADS25B0	Not available by itself	
3	AAES26A0	Fitting for reclining cylinder (over flow)	1
4	AAET72A0	Not available by itself	2
5	AAFB80A0	Flange	1
6	AAFB81A0	Chair top frame	1
7	AAFB82A0	Back Rest Support Assy'y	1
8	AAFB83A0	Guide rail (L)	1
9	AAFB84A0	Guide rail (R)	1
10	AXEA90A0	Arm rest with stopper pin	2
11	AAFB86A0	Armrest bracket (L)	1
12	AAFB87A0	Armrest bracket (R)	1
13	AAFE95A0	Backrest plate	1
14	AXBC67A0	Seat frame ass'y	1
15	AAFK58A0	Not available by itself	1
16	AAFK60A0	Tilting roller pin	1
17	AAFK61A0	Slide plate for guide rail (R)	1
18	AXBC66A0	Tilting bar assy	2
19	AAFK63A0	Cover for Armrest bracket (L)	1
20	AAFK64A0	Cover for Armrest bracket (R)	1
21	AAFR10A0	Screw M10 x 35 for link (C)	2
22	AAFR20A0	Bracket of potentiometer for backrest	1
23	AAFR22A0	Not available by itself	1
24	AAFT36A0	Reclining cylinder pin	1
25	AAFT37A0	Shaft for bearing	4
26	AAFT38A0	Slider	4
27	AAFT39A0	Unlocking spring	1
27	N/A	(Included in AAFB86A0 and AAFB87A0)	2
29	AAFT41A0	Bearing nut M70 (with set screw)	1
30	AAFT42A0	Headrest spacer	2
31	AANF59B0	O-ring holder	1
32	AASB92A0	Spring collar A	2
33	ABNC86B0	Not available by itself	1
34	ABNJ86A0	Not available by itself	1
35	ABNK02A0	Not available by itself	1
36	ABNL93B0	U pin	1
37	AEFS03A0	High pressure hose 3 x 1400L (reclining cylinder)	1
38	AEFS84A0	Set cap screws M6 x 20	4
39	AEND86A0	O-ring P-3	3
40	AEND98A0	O-ring P-30	1

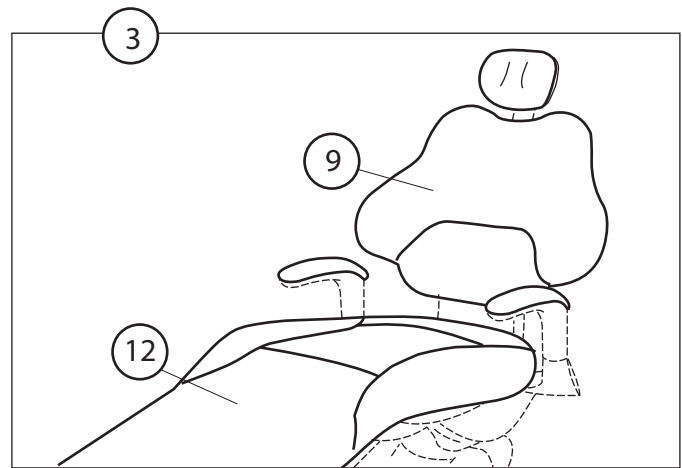
3. Q-5000 Top Section

41	AENL81B0	High pressure hose 3 x 1200L (Rotation lock cylinder)	1
42	AFFR43A0	Thrust bearing AXK1114	2
43	AFFR44A0	Thrust washer AS1114	4
44	ANDR36A0	Potentiometer for backrest	1
45	AGFL16A0	Linking plate ass'y for potentiometer for backrest	1
46	AGFS12A0	Distribution PCB for Armrest membrane switch	1
47	AGFS14A0	Armrest membrane switch (L)	1
48	AGFS15A0	Armrest membrane switch (R)	1
49	AXEA01A0	Double axis articulating headrest ass'y	1
50	AXBA24A0	Roller tilt with bushing	2
51	DACR17A0	Bar guide supporting spring (T=0.5)	1
52	DAQJ66A0	Bar guide supporting plate	1
53	AXBA23A0	Roller Ass'y	2
54	DATS28A0	Reclining shaft	1
55	DATS30A0	Reclining spring	2
56	DEAS42A0	Hex ring 41.4 x 34.6 x 3.5	1
57	DEAS43A0	Hex ring 36.5 x 29.5 x 3.5	1
58	ERNJ15A0	Not available by itself	1
59	F-33340	Nylon clamp 3305 5/16	1
60	Q-31240	Needle Bearing	4
61	Q-35030	Flat washer (22 x 6 x 3)	2
62	Q-35050	Spring for armrest	2
63	S-35100	Stepped bolt for tilting	2
64	S-37400	Bar supporting plate (A)	
65	SALA00C0	Fitting for rotation locking cylinder	1
66	SALA05C0	Fitting (L) for reclining cylinder	2
67	TADJ01A0	Not available by itself	1
68	TRFJ04A0	Not available by itself	1
69	U-35340	Bar guide supporting plate	2
70	X-55220	Not available by itself	1
71	N/A		
72	N/A		
73	N/A		
74	N/A		
75	N/A		
102	AXBC57A0	Reclining Cylinder Assy	1
103	AXCC98A0	Guide rail (R) ass'y	1
105	AZFJ04A0	Rotation lock cylinder ass'y	1

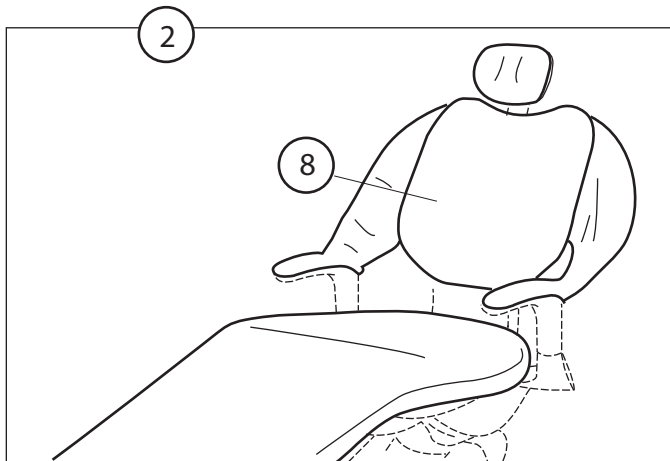
4. Upholsteries



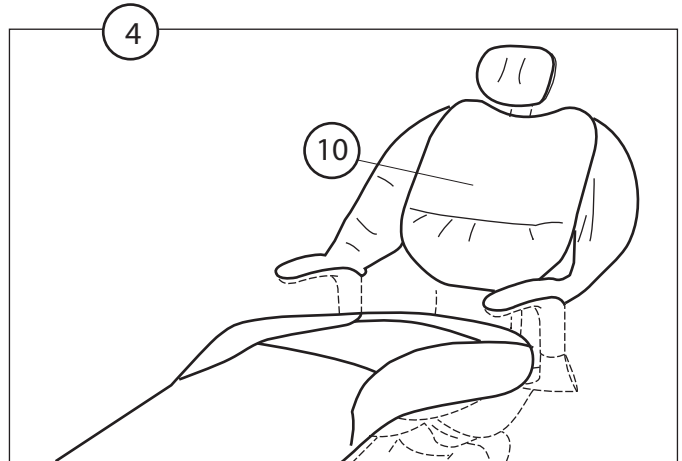
Seamless with wide backrest



Plush with wide backrest



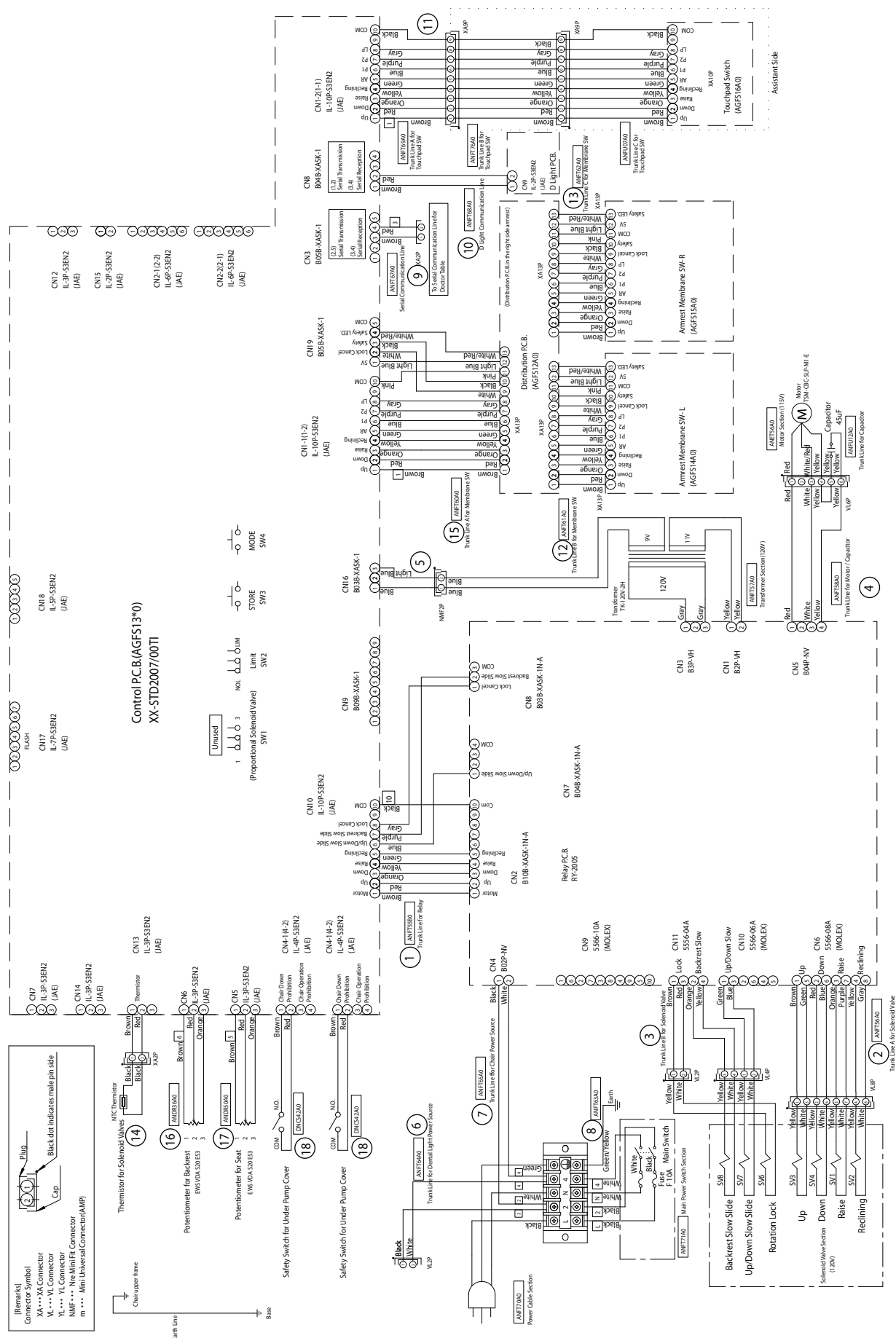
Seamless with slings



Plush with slings

No.	Item No.	Description	Qty.
1	QSW+Color	Complete upholstery set, Seamless , Wide Back	1
2	QSS+Color	Complete upholstery set, Seamless , with Slings	1
3	QPW+Color	Complete upholstery set, Plush, Wide Back	1
4	QPS+Color	Complete upholstery set, Plush, with Slings	1
5	Q50HR+color	Headrest cushion only	1
6	Q50ARM+color	Armrest cushions (each) only	1
7	QSWBK+color	Backrest cushion only, Seamless , Wide Back	1
8	QSSBK+color	Backrest cushion only, Seamless , with Slings	1
9	QPWBK+color	Backrest cushion only, Plush, Wide Back	1
10	QPSBK+color	Backrest cushion only, Plush, with Slings	1
11	QSSST+color	Seat cushion only, Seamless	1
12	QPSST+color	Seat cushion only, Plush	1

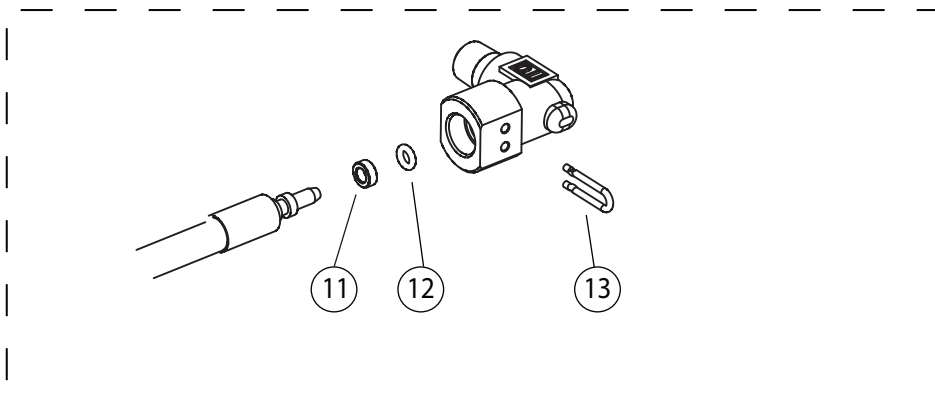
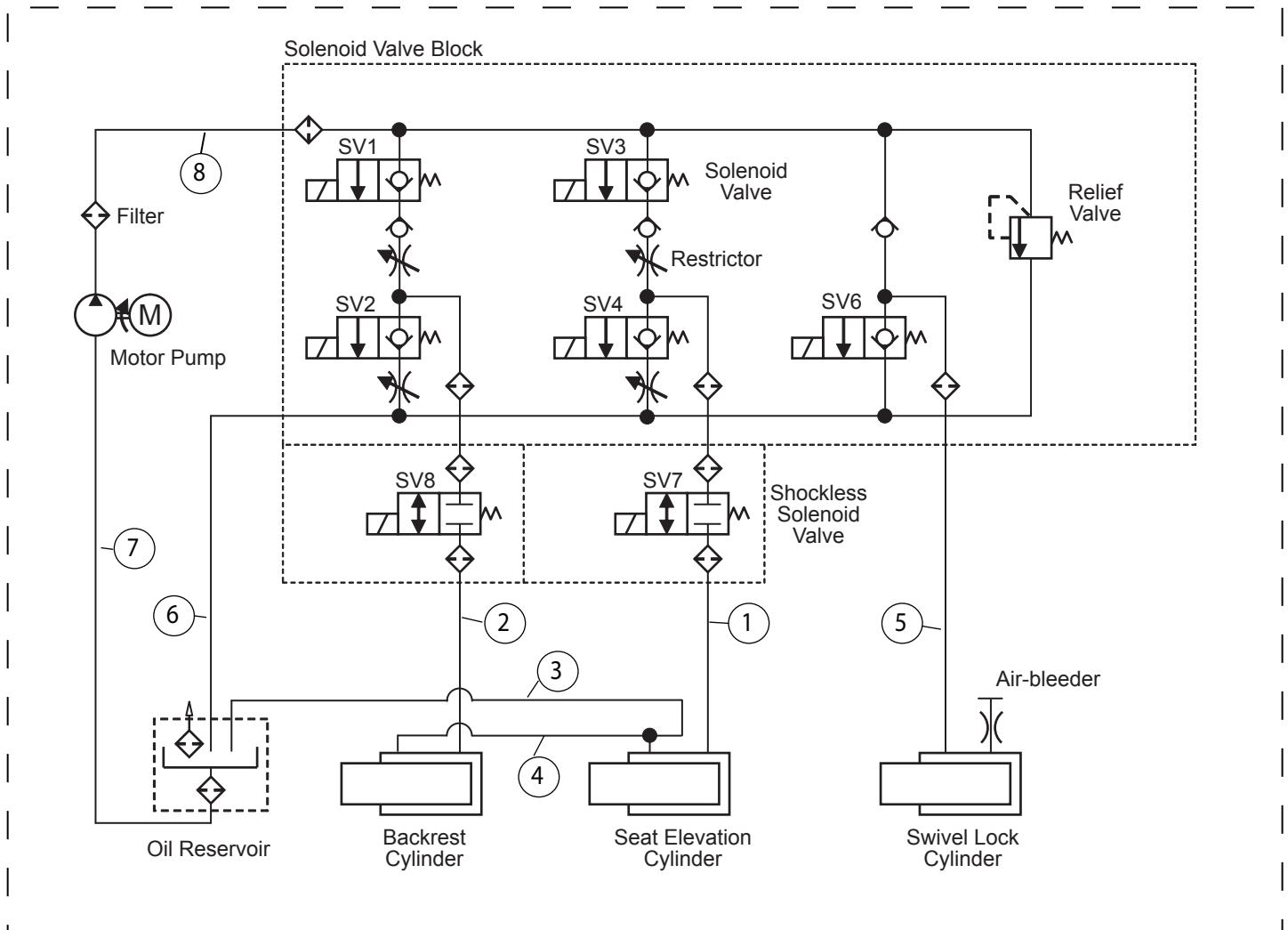
5. Wire harness section



5. Wire harness section

No.	Item No.	Description	Qty.
1	ANFT55B0	Wire harness for Relay PCB	1
2	ANFT56A0	Wire harness (A) for Solenoid valve	1
3	ANFT59B0	Wire harness (B) for Solenoid valve	1
4	ANFT58A0	Wire harness for capacitor and motor pump	1
5	ANFT66A0	Wire harness for main control PCB power supply (9V)	1
6	ANFT64A0	Wire harness for dental light power supply	1
7	ANFT65A0	Wire harness for dental chair main power	1
8	ANFT63A0	Ground wire	1
9	ANFT67A0	Wire harness for serial transmission, dental unit	1
10	ANFT68A0	Wire harness for serial transmission, dental light	1
11	ANFT69A0	Wire harness (A) for touchpad	1
12	ANFT61A0	Wire harness (B) for armrest membrane switch (L)	1
13	ANFT62A0	Wire harness (C) for armrest membrane switch (R)	1
14	ANFU56A0	Wire harness for thermistor	1
15	ANFT60A0	Wire harness (B) for armrest membrane switch	1
16	ANDR36A0	Potentiometer with wire harness for backrest	1
17	AMDR50A0	Potentiometer with wire harness for seat	1
18	DNCS42A0	Safety switch with wire harness under chair	2

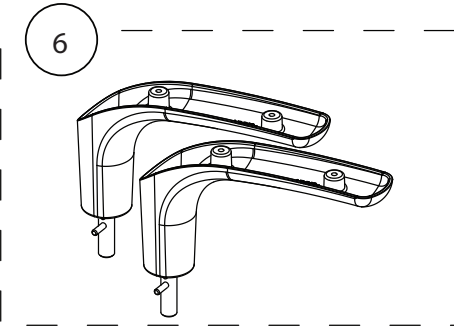
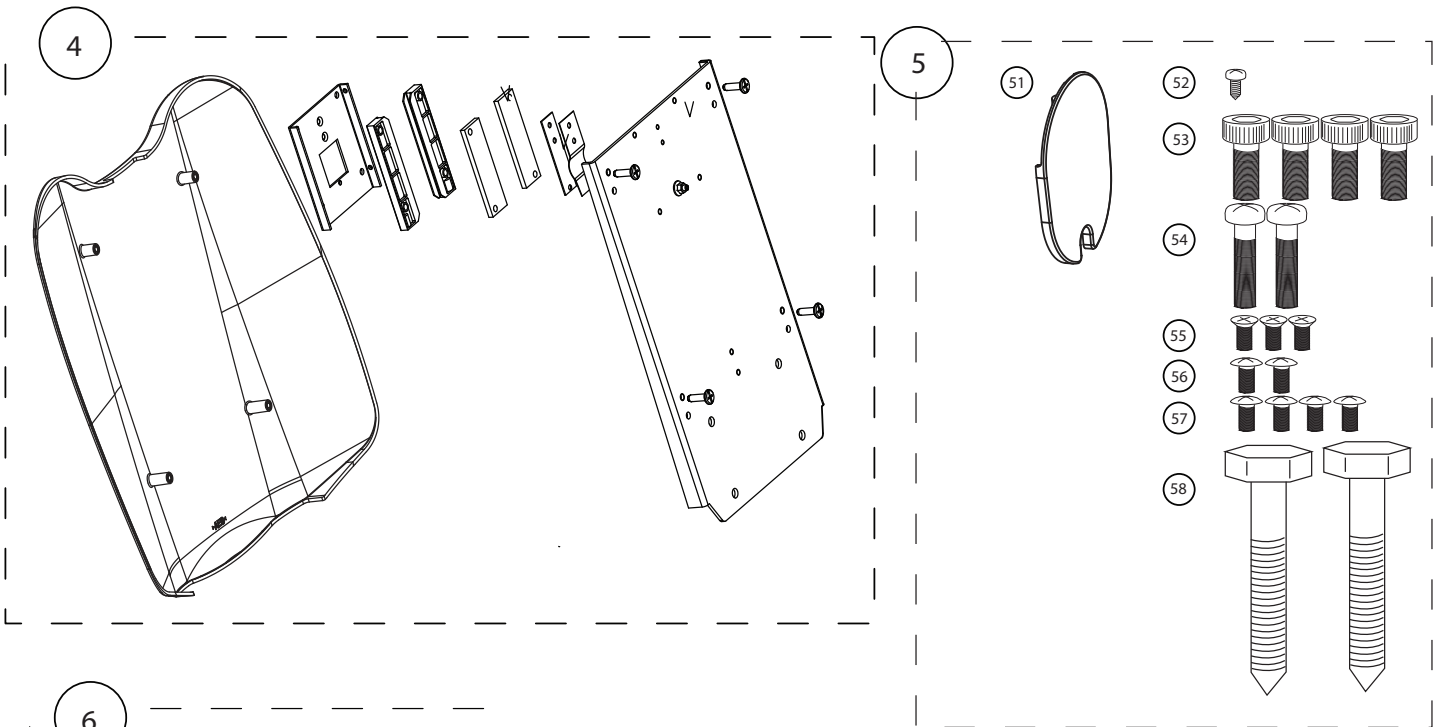
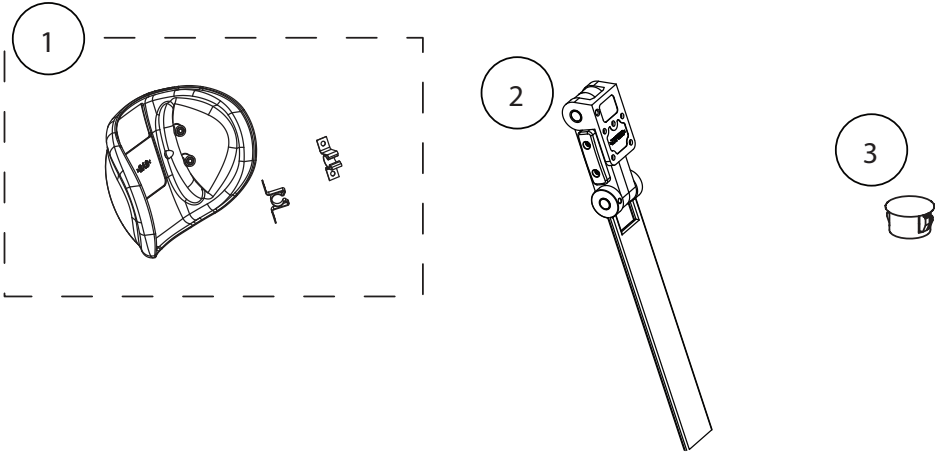
6. Hydraulic hoses and hardware



6. Hydraulic hoses and hardware

No.	Item No.	Description	Qty.
1	AENL76B0	High pressure hose 3 x 580L for seat	1
2	AEFS03A0	High pressure hose 3 x 1400L for backrest cylinder	1
3	AENL14A0	Fuel hose 5 x 9 x 1B	580 mm
4	X-55130	Hilon hose UN-1/4 4-6	780 mm
5	AENL81B0	High pressure hose 3 x 1200L for rotation lock cylinder	1
6	AENL14A0	Fuel hose 5 x 9 x 1B	260 mm
7	AENL15A0	Fuel hose 7.5 x 13 x 1B	160 mm
8	AEFY74A0	High pressure hose 6x 300L	1
11	AANF59B0	O-ring holder	--
12	AEND86A0	O-ring P-3	--
13	ABNL93B0	U pin	--

7. Screws and parts for installation



7. Screws and parts for installation

No.	Item No.	Description	Qty.
1	AXEA91A0	Hadrest cover ass'y	1
2	AXEA01A0	Double axis articulating headrest ass'y	1
3	AAFU06A0	Pump cover cap	1
4	AXEA92A0	Backrest ass'y	1
5	AXEA89A0	Set of bolts and screws for Q-5000 installation	1
6	AXEA90A0	Armrest ass'y	1
51	DEQR72A0	Hole plug (DP-562)	1
52	AFFX58A0	Pan head screws M4 x 10 for pump cover cap	1
53	ZA761PWG	Cap head screws M8 x 20 for backrest	4
54	ZA887OYY	Pan head screws M6 x 25 for armrest	2
55	ZA112NRY	Flat head screws M5 x 10 for headrest upholstery	3
56	ZA114NRY	Round head screws M5 x 10 for seat and arm upholsteries	2
57	ZA114NRY	Round head screws M5 x 10 for seat and arm upholsteries	4
58	AECO17A0	hex head bolt M9 x 65 for floor mount	2

NOTE

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