

Section 10. ILLUSTRATED PARTS LIST

This section lists the parts of the RT6000(B) and T6000(B) Centrifuges. Refer to figures 10-1 through 10-7.

NOTE

When ordering replacement parts specify the part number, description and serial number of the centrifuge.

Table 10-1. Suggested Spare Parts

Part Number	Description
<i>info 7140240 good motor</i> 07887	Motor Assembly, 115 V
07885	RT6000B & T6000B Gyro Assembly, complete
07587	RT6000 & T6000 Gyro Assembly, complete
07841	RT6000(B) Temperature Control P.C. Board
07848	RT6000(B) & T6000(B) Motor Controls P.C. Board
12810	Armature Kit
12293	Brush Replacement Kit
67286	Brush Cap
07556	Gyro Foam Insulating Ring
68658	Drive Belt
07513	Timer
07638	Gyro Seal
07550	RT6000(B) Door Seal
07746	T6000(B) Door Seal
67372	Bulb, Light
67827	Start Capacitor, 60 Hz
67838	Start Capacitor, 50 Hz
67831	Relay, 60 Hz
67840	Relay, 50 Hz
67828	Fan Motor, 60 Hz
67839	Fan Motor, 50 hz
67829	Fan Blade
67378	<i>Power cord - three prong</i>

Table 10-2. Parts: RT6000B and RT6000 Assembly
(key to figure 10-1)

Item	Description	Part Number (Quantity)
1	Cover, Access	07524
2	Seal, Cover, Insulation	07684
3	Transformer, Power	67301
4	Screw, Philips, Colored, Pan Head, #8-32 x 3/8 long; Stake Fastener #SFSW-8C-6-D-L18GY	67351 (3)
5	Screw, Philips, Gray, #8-32 x .375 long; StakeFasteners #SFS-8C-6-D-L18GY	67890
6	Lockwasher, External Tooth, #8, SST	63936
7	Receptacle, Plug, Three-Prong, 60 Hz, 15A, 250 VAC; Switchcraft #EAC-302	67699
7	Receptacle, Plug, Three-Prong, 50 Hz, 10A, 115/250 VAC, Sprague #10JX5443B	67379
8	Flatwasher, #4	61095 (2)
9	Lockwasher, Split, Steel, #4	63006 (2)
10	Nut, Hex, Steel, #4-40	60463 (2)
11	Insulation, Tape, Vinyl, Closed Cell Foam, 3/16 thick x 3/8 wide; Mortell #FT-19	67381
12	Jack, Banana, Double Insulated, Miniature; Pomona Electronics #2143	66643
13	Insulation, Tape, Vinyl, Close Cell Foam, 1/8 thick x 1/4 wide; Mortell #FT-18	67310
14	Hinge, Non-Routing; Weber Knapp #8644-7	67302 (2)
15	Lockwasher, Split, Black, #8 x .031 thick	67311 (16)
16	Screw, Machine, Pan Head, Slotted, Black, #8-32 x 3/8 long	67312 (16)
17	Screw, Machine, Flat Head, 82° C' sink, Black, #10-32 x 3/8 long	67313 (2)

Table 10-2. Parts: RT6000B and RT6000 Assembly
(key to figure 10-1, continued)

Item	Description	Part Number (Quantity)
18	Door Assembly <i>RT6000B 865.00 6/15</i>	07506
19	Cover Assembly, Kydex® <i>152.00</i>	07583
20	Door Seal	07550
21	Cap, Polyethylene, Black; Caplug #RH-10	67852 (4)
22	Screw, Machine, Pan Head, Slotted, SST, #10-32 x 3/8 long	61597 (47)
23	Lockwasher, Split, #10 x .040 thick	63016 (40)
24	Washer, Steel, Zinc Plate, #10; Caplug #RHW-103	67853 (4)
25	Flatwasher, Nylon, .194 ID x .375 OD x .125 thick; Microplastics #16FW010125	67383 (4)
26	Fastener, Velcro®, Hook; Velcro #0750-065-300-0107-AB	67875 (7 inches)
27	Plate Assembly, Top, Frame (left side)	07636
28	Plate Assembly, Top, Frame (right side)	07637
29	Boot, Gyro	07638
30	Insulating Ring, Foam, Gyro	07556
31	Sensor Assembly, Temperature	07661
32	Bowl and Evaporator Assembly	07893
33	Seal, Latch	07685 (2)
34	Fastener, Velcro®, Loop; Velcro #0750-001-300-0107-AB	67874 (7 inches)
35	Louver, #14 Mesh, 3 inch Diameter,	60436 (2)
36	Lamp Holder Assembly, Door Open	07628
37	Lamp	67372
38	Relay, 24 VDC, 50/60 Hz 3PDT, 3/16 Contacts; Midtex #157-33C247	67380

Table 10-2. Parts: RT6000B and RT6000 Assembly
(key to figure 10-1, continued)

Item	Description	Part Number (Quantity)
39	Flatwasher, SST, .169 ID x .304 OD x .032 thick	63085
40	Lockwasher, #6	63011 (2)
41	Nut, Hex, SST, #6	60074 (2)
42	Woodruff Key, 3/32 x 3/8	64877
43	Support, Block Shaft	07572
44	Ring, Retaining, External Truarc, 1/4 inch, SST, 15-7PH	60023
45	Flatwasher, #10.	61652 (4)
46	Shield Assembly, Insulating, PC Board	07642
47	Receptacle, Fasteners, Treelok; Fastex #215-221401-00	67693
48	Screw, Machine, Flat Head, 82° C'sink, #6-32 x 3/8 long	60674 (6)
49	Screw, Machine, Pan Head, Slotted, SST, UNC, #6-32 x 5/16 long	61503 (2)
50	Flatwasher, Steel Clad Plate, 3/16 ID x 11/16 OD x 1/16 thick	63305 (2)
51	Gutter Assembly, Console	07641
52	Knob Assembly, Latch Control	07663 07676
53	Screw, Set, Hex Socket, Cup Point, Aly Steel Black Oxide, #8-32 x 7/16 long	61682
54	Flatwasher, SST, 5/32 ID x 3/8 OD x .031 thick	60522
55	Screw, Machine, Pan Head, Slotted, SST, #6-32 x 3/4 long	64771
56	Screw, Machine, Pan Head, Slotted, Steel, Black Passivate, UNC #6-32 x 1.25 long	67888
57	Foot	67324 (4)

Table 10-2. Parts: RT6000B and RT6000 Assembly
(key to figure 10-1, continued)

Item	Description	Part Number (Quantity)
58	Screw, Cap, Socket Hex Head, SST, #1/4-20 x 5/8 long	61258 (4)
59	Power Cord	67378
60	Logo Mat RT6000B RT6000	07906 07621
61	Brake Resistor	07959

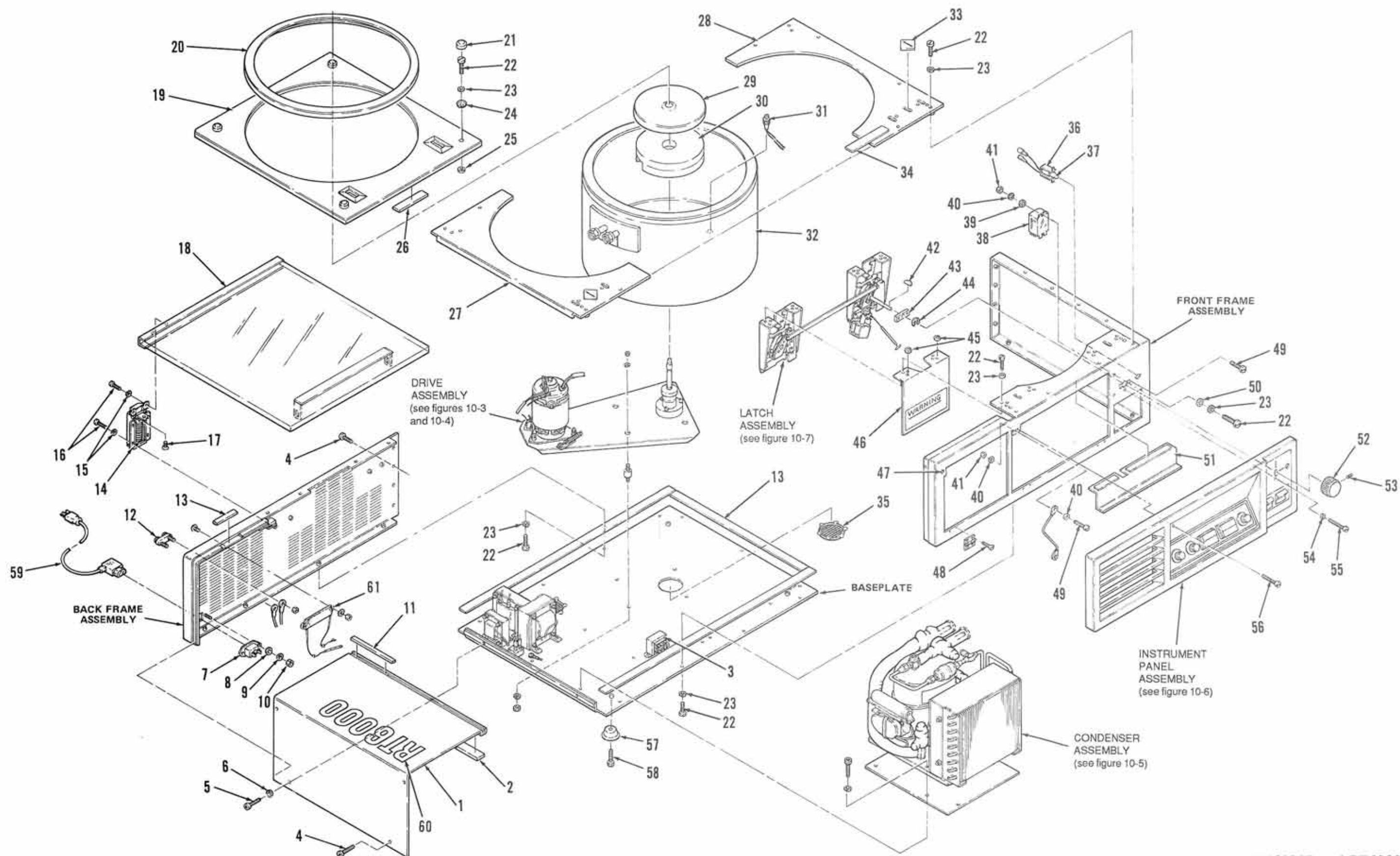


Figure 10-1. Parts: RT6000B and RT6000 Assembly

Table 10-3. Parts: T6000B and T6000 Assembly
(key to figure 10-2)

Item	Description	Part Number (Quantity)
1	Access Cover	07524
2	Seal, Cover, Insulation	07684 (2)
3	Transformer, Power	67301
4	Screw, Philips, Colored, Pan Head, #8-32 x 3/8 long; Stake Fasteners #SFSW-8C-6- D-L18GY	67351 (3)
5	Screw, Philips, Gray, #8-32 x 3/8 long; Stake Fasteners #SGS-8C-6-D-L18GY	67890
6	Lockwasher, External Tooth, #8, SST	63936
7	Receptacle, Plug, Three-Prong, 60 Hz, 15 A, 250 VAC; Switchcraft #EAC-302	67699
7	Receptacle, Plug, Three-Prong, 50 Hz, 10 A, 250 VAC; Sprague #10JX5443B	67379
8	Flatwasher, #4	61095 (2)
9	Lockwasher, Split, Steel, #4	63006 (2)
10	Nut, Hex, Steel, #4-40	60463 (2)
11	Insulation, Tape, Vinyl, Closed Cell Foam, 3/16 thick x 3/8 wide; Mortell #FT-19	67381
12	Jack, Banana, Double Insulated, Miniature; Pomona Electronics #2143	66643
13	Insulation, Tape, Vinyl, Closed Cell Foam, 1/8 thick x 3/8 wide; Mortel #FT-18	67310
14	Hinge, Non-Routing; Weber Knapp #8644-7	67302 (2)
15	Lockwasher, Split, Black, #8 x .031 thick	67311 (16)
16	Screw, Machine, Pan Head, Slotted, Black #8-32 x 3/8 long	67312 (16)
17	Screw, Machine, Flat Head, 82° C'sink, Black, #10-32 x 3/8 long	67313 (2)

Table 10-3. Parts: T6000B and T6000 Assembly
(key to figure 10-2, continued)

Item	Description	Part Number (Quantity)
18	Door Assembly <i>T6000 lid with hole 07809</i>	07506
19	Cover Assembly, Kydex®	07583
20	Door Seal	07746
21	Cap, Polyethylene, Black; Caplug #RH-10	67852 (4)
22	Screw, Machine, Pan Head, Slotted, SST, #10-32 x 3/8 long	61597 (47)
23	Lockwasher, Split, #10 x .040 thick	63016 (40)
24	Washer, Steel, Zinc Plate, #10; Caplug #RHW-103	67853 (4)
25	Flatwasher, Nylon, .194 ID x .375 OD x .125 thick; Microplastics #16FW010125	67383 (4)
26	Fastener, Velcro®, Hook; Velcro #0750- 065-300-0107-AB	67875 (7 inches)
27	Plate Assembly, Top, Frame, (left side)	07636
28	Plate Assembly, Top, Frame, (right side)	07637
29	Boot, Gyro	07638
30	Insulating Ring, Foam, Gyro	07556
31	Rubber Bumper (*some T6000 Centrifuges were manufactured with a Temperature Sensor, PN 07661, installed)	68838
32	Bowl Assembly	07960*
33	Seal, Latch	07685 (2)
34	Fastener, Velcro®, Loop; Velcro #0750- 001-300-0107-AB	67874 (7 inches)
35	Louver, #14 Mesh, 3 inch Diameter	60436 (2)
36	Lamp Holder Assembly, Door Open	07628
37	Lamp	67372

**T6000B Centrifuges SN 8700215 and below were manufactured with Bowl and Evaporator Assembly PN 07593.

Table 10-3. Parts: T6000B and T6000 Assembly
(key to figure 10-2, continued)

Item	Description	Part Number (Quantity)
38	Relay, 24 VDC, 50/60 Hz, 3 PDT, 3/16 Contacts; Midtex #157-33C247	67380
39	Flatwasher, SST, .169 ID x .304 OD x .032 thick	63085
40	Lockwasher, #6	63011*
41	Nut, Hex, SST, #6	60074
42	Woodruff Key, 3/32 x 3/8	64877
43	Support, Block Shaft	07572
44	Ring, Retaining, External Truarc, 1/4 inch, SST 15-7PH; Waldes Kohinoor #5100-25H	60023 (4)
45	Flatwasher, #10	61652
46	Shield Assembly, Insulating, PC Board	07642
47	Receptacle, Fasteners, Treelok; Fastex #215-221401-00	67693
48	Screw, Machine, Flat Head, 82° C'sink, #6-32 x 3/8 long	60674 (6)
49	Screw, Machine, Pan Head, Slotted, SST, UNC, #6-32 x 5/16 long	61503 (2)
50	Flatwasher, Steel Cad Plate, .187 ID x .687 OD x .063 thick	63305 (2)
51	Gutter Assembly, Console	07641
52	Knob Assembly, Latch Control	07663
53	Screw, Set, Hex Socket, Cup Point, Aly Steel Black Oxide, #8-32 x 7/16 long	61682
54	Flatwasher, SST, .156 ID x .375 OD x .031 thick	60522
55	Screw, Machine, Pan Head, Slotted, SST, #6-32 x 3/4 long	64771

* 6 washers required for T6000B and 2 required for T6000.

**Table 10-3. Parts: T6000B and T6000 Assembly
(key to figure 10-2, continued)**

Item	Description	Part Number (Quantity)
56	Screw, Machine, Pan Head, Slotted, Steel, Black Passivate, UNC, #6-32 x 1.25 long	67888
57	Foot	67324 (4)
58	Screw, Cap, Socket, Hex Head, SST, #1/4-20 x 5/8 long	61258 (4)
59	Power Cord, 60 Hz, 125 V, 15 A	67378
59	Power Cord, 50 Hz, 250 V, 10 A	07726
60	Anti-Rotation Plate	*
61	Fan Assembly, 115 V, 60 Hz	07822
61	Fan Assembly, 220 V, 50 Hz	07823
62	Screw, Machine, Pan Head, Slotted, #8-32 x 1/4 long	61437 (4)
63	Lockwasher, External Tooth, #8	63936 (4)
64	Lockwasher, Split, #5/16	63022 (4)
65	Screw, Cap, Hex Head Socket, #5/16-18 x 2-1/2 long	68687 (4)
66	Connector Assembly, Jumper	07826
67	Screw, Machine, Pan Head, Slotted, #4-40 x 5/8 long	62396 (4)
68	Screen, Wire Mesh, 8 inch x 8 inch	68728
69	Grill, Front	07824
70	Flatwasher, #8, Steel, .170 ID x 5/8 OD x .049 thick	68730 (4)
71	Spacer, Round, .171 ID x 1/2 OD x 13/16 long	67823
72	Chute Assembly, Exhaust	07816
73	Screw, Machine, Pan Head, Slotted, Black Passivated #8-32 x 1 inch long	68739

* The Anti-Rotation Plate was installed in T6000(B) Centrifuges serial number 8602368 and lower.

Table 10-3. Parts: T6000B and T6000 Assembly
(key to figure 10-2, continued)

Item	Description	Part Number
74	Air Inlet, Top	07828
75	Air Inlet, Nut	07827
76	Rubber Mat	07662
77	Wiring Harness	
	T6000B	07949
	T6000	07615
78	Logo Mat	
	T6000B	07907
	T6000	07750
79	Brake Resistor	07959

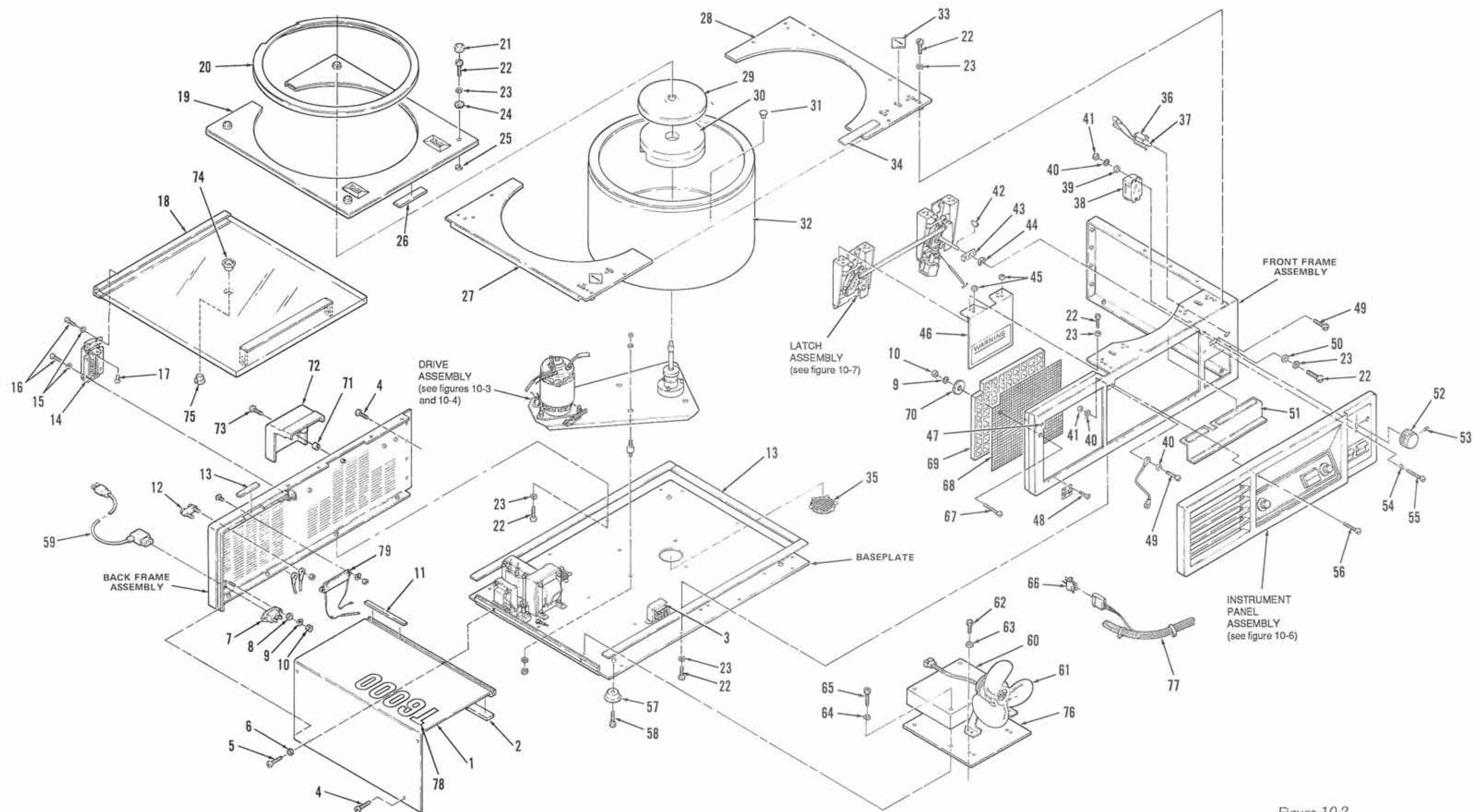


Figure 10-2.
Parts: T6000B and T6000 Assembly

Table 10-4. Parts: RT6000B and T6000B Drive Assembly
PN 07884, (key to figure 10-3)

Item	Description	Part Number (Quantity)
1	Plate Assembly, Drive	07528
2	Belt, V-drive, 3/16 wide x 29.53 long, Polyflex; Gates Rubber #5M750	68658
3	Spring, Extension, .360 OD x 1.75 long x .058 Wire Diameter; Associated #E0360- 058-1750-M	67399
4	Hook, Spring Retaining	07609
5	Nut, Hex, SST, #10-24	63832 (2)
6	Plate, Motor Mounting	07589
7	Screw, Machine, Round Head, Slotted, SST, UNC #4-40 x 3/8 long	61231
8	Flatwasher, Nylon, .129 ID x .25 OD x .031 thick; Amaton #2254-N129	67446
9	Lockwasher, Split, SST #4	63005
10	Screw, Machine, Pan Head, Slotted, SST, UNC #4-40 x 5/8 long	62396 (2)
11	Flatwasher, #4, SST, 1/8 ID x 1/4 OD x .022 thick	61072 (2)
12	Lockwasher, External, Steel #4	61560 (2)
13	Microswitch, SPDT; Microswitch #V3L-131-D8	62716
14	Insulator, Fish Paper	62245
15	RT6000B and T6000B Motor Assembly, 115V	07887
16	Armature Kit	12810
17	Flatwasher, SST, #10, 13/64 ID x 7/16 OD x .031 thick	61652
18	Disk, Optical, Pickup	07586
19	Screw, Cap, Socket Hex Head, Steel, UNF, #10-32 x 1/2 long	64301

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Rune ret. head
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7140240 good motor
mg, #

**Table 10-4. Parts: RT6000B and T6000B Drive Assembly,
PN 07884, (key to figure 10-3, continued)**

Item	Description	Part Number (Quantity)
20	Lockwasher, Split, #10, SST, .047 thick	63017 (7)
21	Optical Pickup PC Board Assembly	07940
22	Screw, Cap, Socket Hex Head, UNC, #10-24 x 3/8 long	66680 (3)
23	Lockwasher, Split, 1/4, SST, .047 thick	63019 (2)
24	Nut, Hex, SST, #1/4-20	61141 (3)
25	Shock Mount	65548 (4)
26	Mounting Bracket, Imbalance Detector	07956
27	Imbalance Detector Assembly	07957
28	Screw, Set, Socket Hex Head, Flat Point, UNC, 3/8-16 x 1-1/2 long	68860
29	Adhesive, Sealant, Loctite® #222	65811
30	Top Bracket, Imbalance Detector	07955
31	Screw, Cap Socket Hex Head, SST, UNC, #6-32 x 3/8 long	61146 (2)
32	Lockwasher, Split, #6, SST, .031 thick	63011 (2)
33	Gyro Cartridge Assembly	07886
34	Gyro Assembly <i>Vibration Pick up coils</i>	07885 <i>Diamond Shaped</i>
35	Screw, Machine, Round Head, Slotted, SST, UNC, 1/4-20 x 1/2 long	60231 (2)
36	Gyro Pulley	07921
37	Trantorque®	68796 (2)
38	Screw, Cap, Socket Hex Head, SST, UNF, #10-32 x 1.0 long	63076 (3)
39	Brush Holder	67832 (2)
40	Brush Kit	12293 (2)

Table 10-4. Parts: RT6000B and T6000B Drive Assembly,
PN 07884, (key to figure 10-3, continued)

Item	Description	Part Number (Quantity)
41	Brush Cap	67286 (2)
42	Flatwasher, SST, 17/64 ID x .5 OD x .031 thick	60751 (6)
43	Compression Spring, Cad Plate, .360 OD x .44 long x .045 diameter; Associated Spring #CO360-045-0440M	67921 (3)
44	Washer, Nylon, .562 OD x .260 ID x .062 thick	67315 (6)
45	Motor Pulley	07922

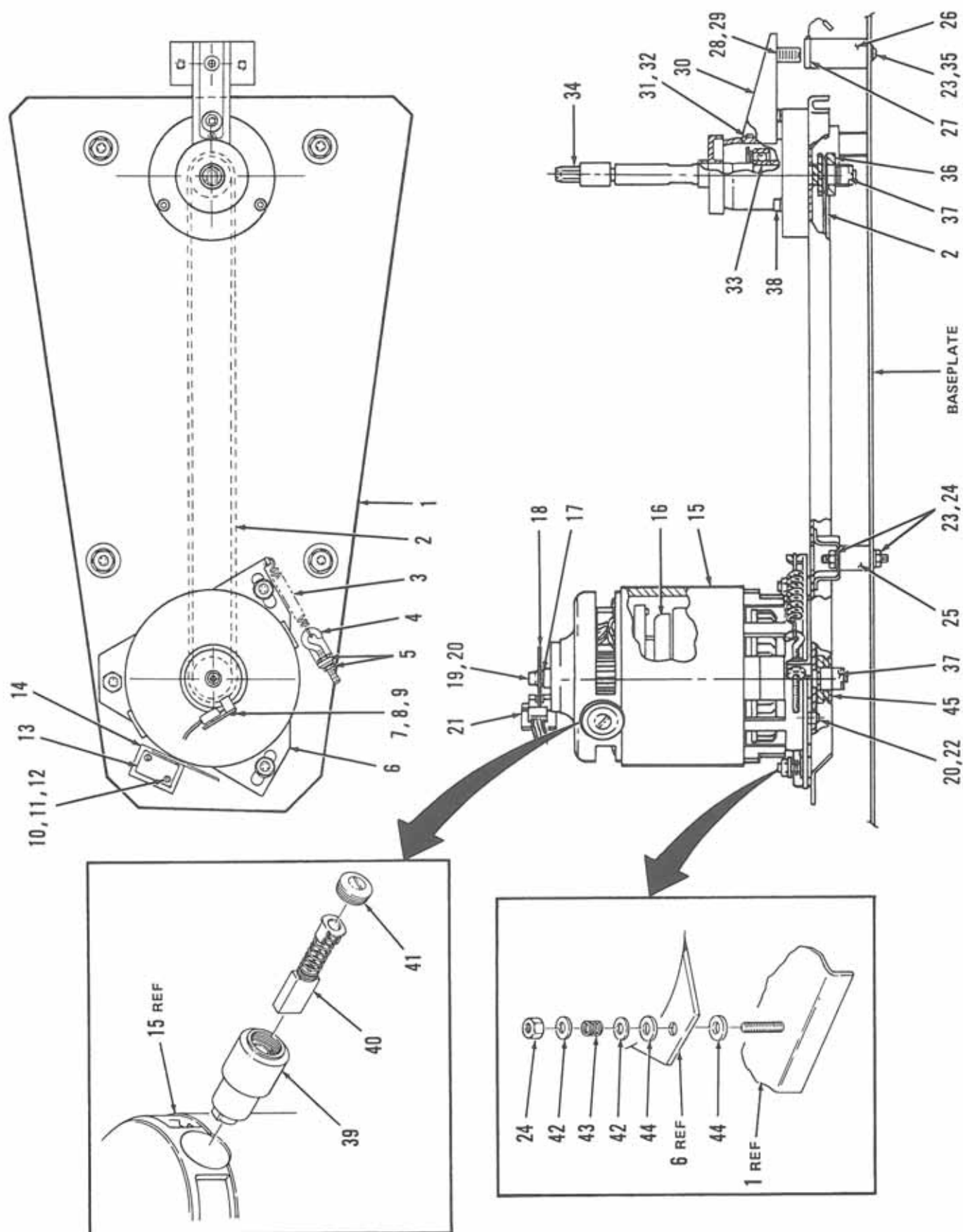


Figure 10-3. RT6000B and T6000B Drive Assembly, PN 07884

Table 10-5. Parts: RT6000 and T6000 Drive Assembly
PN 07588, (key to figure 10-4)

Item	Description	Part Number (Quantity)
1	Plate Assembly, Drive	07528
2	Belt, V-drive, 3/16 wide x 29.53 long, Polyflex; Gates Rubber #5M750	68658
3	Spring, Extension, .360 OD x 1.75 long x .058, Wire Diameter; Associated #E0360-058-1750-M	67399
4	Hook, Spring Retaining	07609
5	Nut, Hex, SST, #10-24	63832 (2)
6	Plate, Motor Mounting	07589
7	Screw, Machine, Round Head, Slotted, SST, UNC #4-40 x 3/8 long	61231
8	Flatwasher, Nylon, .129 ID x .25 OD x .031 thick; Amaton #2254-N129	67446
9	Lockwasher, Split, SST #4	63005
10	Screw, Machine, Pan Head, Slotted, SST, UNC #4-40 x 5/8 long	62396 (2)
11	Flatwasher, #4, SST, 1/8 ID x 1/4 OD x .022 thick	61072 (2)
12	Lockwasher, External, Steel #4	61560 (2)
13	Microswitch, SPDT; Microswitch #V3L-131-D8	62716
14	Insulator, Fish Paper	62245
15	RT6000 and T6000 Motor Assembly, 115V	07887
16	Armature Kit	12810
17	Flatwasher, SST, #10, 13/64 ID x 7/16 OD x .031 thick	61652
18	Disk, Optical, Pickup	07586
19	Screw, Cap, Socket Hex Head, Steel, UNF, #10-32 x 1/2 long	64301

**Table 10-5. Parts: RT6000 and T6000 Drive Assembly
PN 07588, (key to figure 10-4, continued)**

Item	Description	Part Number (Quantity)
20	Lockwasher, Split, #10, SST, .047 thick	63017 (7)
21	Optical Pickup P.C. Board Assembly	07940* 07602*
22	Screw, Cap, Socket Hex Head, UNC, #10-24 x 3/8 long	66680 (3)
23	Lockwasher, Split, 1/4, SST, .047 thick	63019
24	Nut, Hex, SST, #1/4-20	61141 (4)
25	Shock Mount	65548 (4)
26	Shock Mount, Imbalance Detector Assembly	07605
27	Arm, Imbalance, Shock Mount	07658
28	Screw, Machine, Pan Head, Slotted, SST, UNC #6-32 x 5/16 long	61614 (2)
29	Lockwasher, Split, #6, SST, .031 thick	63011 (2)
30	Gyro Cartridge Assembly	07584
31	Gyro Assembly	07587
32	Pulley	07727 (2)
33	Screw, Set, Hex Socket, Cup Point, Steel, UNC #8-32 x 7/16 long	61682 (4)
34	Adhesive, Sealant; Loctite #290	65572
35	Screw, Cap, Socket Hex Head, SST, UNF #10-32 x 1.0 long	63076 (3)
36	Brush Holder	67832 (2)
37	Brush Kit	12293 (2)
38	Brush Cap	67286 (2)
39	Flatwasher, SST, 17/64 ID x .5 OD x .031 thick	60751 (6)

* Part number 07940 used with Motor Controls P.C. Board, PN 07848; part number 07602 used with Motor Controls P.C. Board, PN 07561.

**Table 10-5. Parts: RT6000 and T6000 Drive Assembly
PN 07588, (key to figure 10-4, continued)**

Item	Description	Part Number (Quantity)
40	Compression Spring, Cad Plate, .360 OD x .44 long x .045 diameter; Associated Spring #CO360-045-0440M	67921 (3)
41	Flatwasher, Nylon, .562 OD x .260 ID x .062 thick	67315 (6)

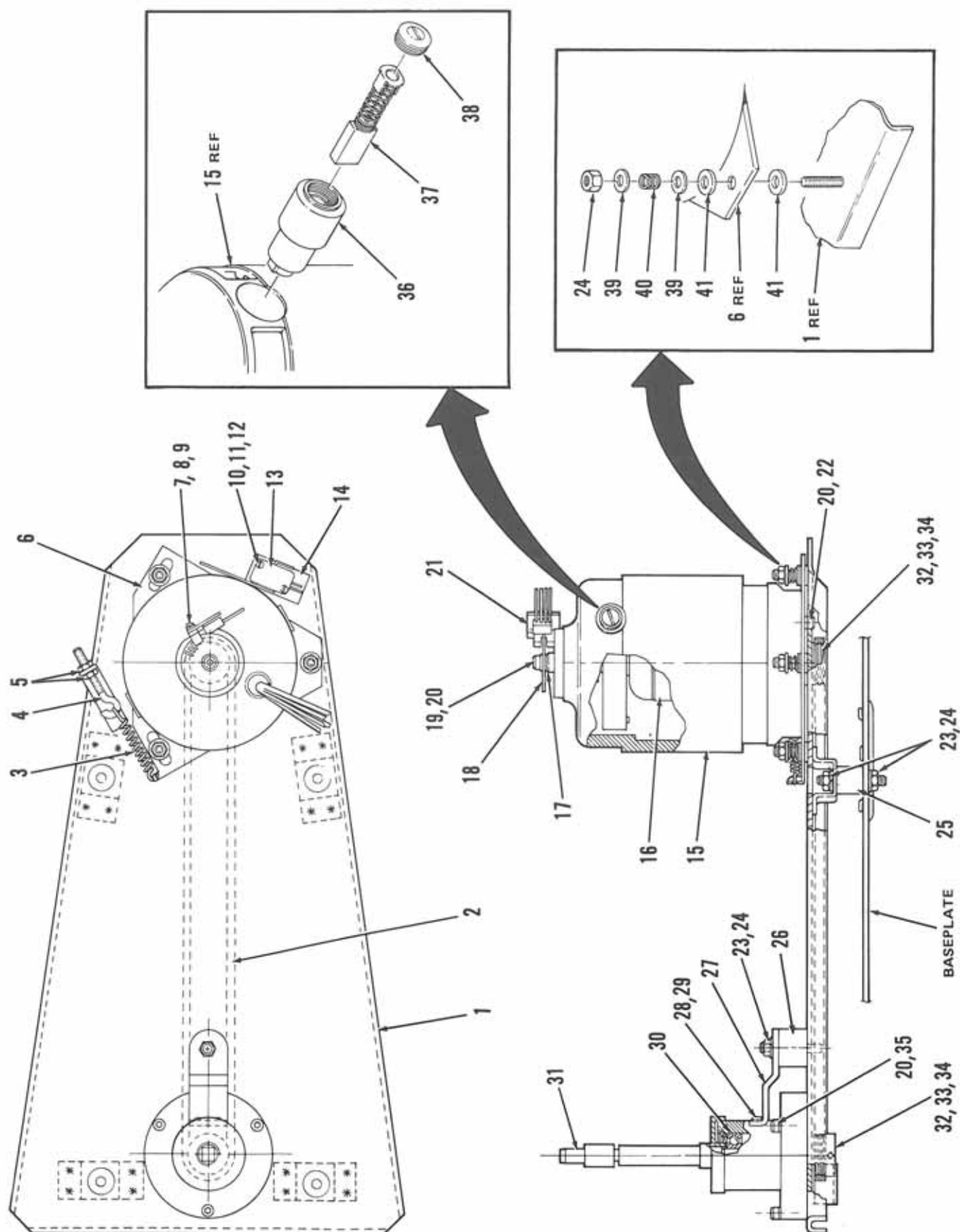


Figure 10-4. RT6000 and T6000 Drive Assembly, PN 07588

Table 10-6. RT6000B and RT6000 Refrigeration System
(key to figure 10-5)

Item	Description	Part Number (Quantity)
1	Condenser Assembly, 60 Hz, 115 VAC	07635
1	Condenser Assembly, 50 Hz, 200 VAC	07634
2	Transformer Assembly, 50 Hz only	07631
3	Rectifier	923627
4	Transformer Assembly, Brake	07687
5	Choke, Filter, 21 MH, 5 ADC	66665
6	Lockwasher, Split, #5/16 x .056, SST	63022
7	Screw, Cap, Socket Hex Head, Steel Cad Plate, 5/16-18 x 3/4 long	60821 (4)
8	Flatwasher, SST, .169 ID x .304 OD x .032 thick	63085*
9	Lockwasher, Split, SST, #8 x .047 thick	63015**
10	Screw, Machine, Pan Head, Steel, #8-32 x 3/8 long	60967 (10)
11	Screw, Machine, Pan Head, Slotted, Steel Cad Plate, UNC #8-32 x 5/8 long	60948
12	Spacer, Round, 1/2 inch diameter, (50 Hz only)	64401 (4)
13	Screw, Machine, Pan Head, Slotted, SST, UNC, #8-32 x 7/8 long, (50 Hz only)	64695 (4)
14	Fan Blade	67829
15	Motor Fan, 60 Hz	67828
15	Motor Fan, 50 Hz	67839
16	Rubber Mat, Compressor	07662
17	Tubing Assembly, Refrigeration	07585

* Quantity: 10 for 60 Hz, 14 for 50 Hz.

** Quantity: 11 for 60 Hz, 15 for 50 Hz.

**Table 10-6. RT6000B and RT6000 Refrigeration System
(key to figure 10-5, continued)**

Item	Description	Part Number (Quantity)
18	Relay, Compressor, 60 Hz	67831
18	Relay, Compressor, 50 Hz	67840
19	Start Capacitor, 60 Hz	67827
19	Start Capacitor, 50 Hz	67838
20	Tubing Assembly, Connector	07582
21	Indicator, Moisture and Liquid; Sporlan #Sa-12	67362
22	Connector, Swivel Nut, 1/4 Fem Flare to 1/4 Fem Flare; Mueller #A-13563	67367
23	Clamp, Microgear, 1/2 - 7/8 diameter range, SST; Ideal #6208	64748 (2)
24	Insulation Tape, Self-Adhering; Virginia Chem #PT-1	66452
25	Expansion Valve, Thermostatic; Singer #228FA1/4	67343
26	Tubing Assembly, Access Valve	07595
27	Filter, Drier; Sporlan #C-032	67370
28	Switch, Overload 60 Hz	67850
28	Switch, Overload 50 Hz	67851

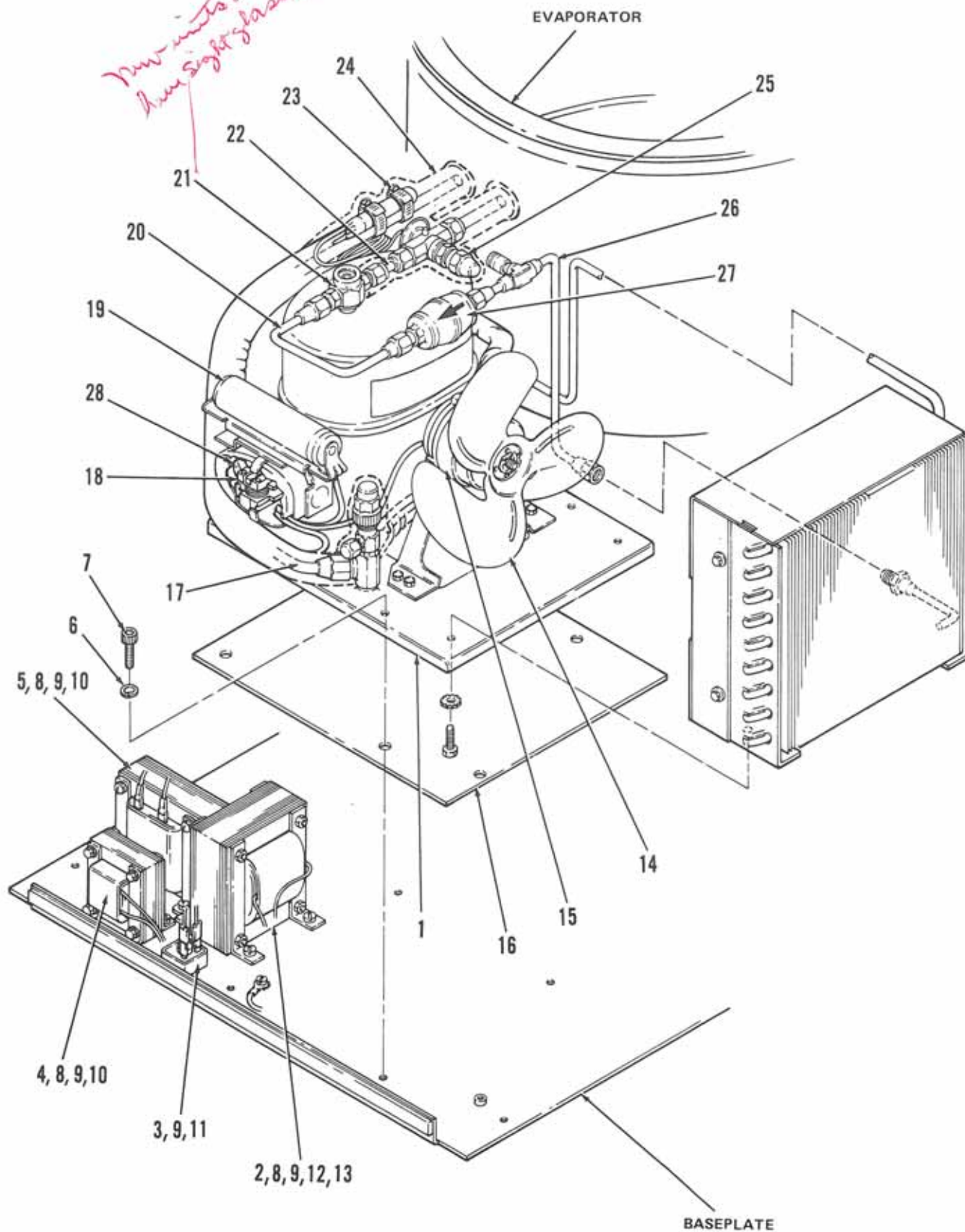


Figure 10-5. RT6000B and RT6000 Refrigeration System

Table 10-7. Parts: Instrument Panel Assembly
(key to figure 10-6)

Item	Description	Part Number (Quantity)
1	Instrument Panel Assembly	
	RT6000B	07901
	T6000B	07902
	RT6000	07554
	T6000	07339
2	Console	07514
3	Lens Cap, Green	67325
4	Knob, Timer, 60 Hz	55035
4	Knob, Timer, 50 Hz	55234
5	Temperature Control Knob	55335*
6	Temperature Meter; Modutec #810-950A	67304
7	RPM Meter, 0-6000; Modutec #810-576B	66161
8	Speed Control Knob	55034
9	Hinge, Brass; Guden series #3000	67354 (3)
10	Screw, Flat Head, Plastite, #6 x .38 long	67376 (6)
11	Cable Assembly, SST, Nylon Coated, .037 OD x 11.0 long; Sava Industries	67355
12	Timer Assembly	07513
13	Potenmeter Assembly, Temperature	07555*
14.	Insulator, Potentiometer, Fishpaper	07682
15	Indicator Assembly, Imbalance	07625
16	Cap Lens, Round, Red, High Profile, T 1-3/4; Leecraft #L810R	67737
17	Potentiometer Assembly, RPM	07618
18	Panel Assembly	
	RT6000B	07924
	T6000B	07923
	RT6000	07678
	T6000	07740

* Part is used in the RT6000B and RT6000 Centrifuges ONLY.

Table 10-7. Parts: Instrument Panel Assembly
(key to figure 10-6, continued)

Item	Description	Part Number (Quantity)
19	Plate and Circuit Breaker Assembly, 60 Hz	07576
19	Plate and Circuit Breaker Assembly, 50 Hz	07577
20	Clip, Insert, Panel; Ashland Products #9310	67303 (4)
21	Flatwasher, Steel, Cad Plate, .187 ID x .687 OD x .63 thick	63305 (4)
22	Nut, Hex, SST, #6-32	60074 (5)
23	Fastener, Floating Treelok; Fastex #320- 320111-00	67692
24	Cord Stock, 1/8 inch diameter; J. Royal #SCE-42	67882
25	Adhesive, Super Bonder; Loctite #495	67717
26	Temperature Control P.C. Board Assembly* RT6000B RT6000	07841 07530**
27	Bracket, Heatsink, 1.0 long	07622*
28	Compound, Thermal, 8 ounce jar; Wakefield #120-8	63914
29	Nut, Hex, SST, #6-32	60074 (11)
30	Flatwasher, SST, 5/32 ID x 3/8 OD x .031 thick	60522 (6)
31	Lockwasher, Split, #6, SST, .031 thick	63011 (6)
32	Screw, Machine, Pan Head, Slotted, SST, UNC, #6-32 x 3/8 long	61132 (4)
33	Screw, Machine, Pan Head, Slotted, SST, UNC #6-32 x 1/4 long	60930 (8)
34	Lockwasher, Internal, #6 x .021 thick	61711 (8)
35	Heatsink Bracket	07620

* Part is used in the RT6000B and RT6000 Centrifuges ONLY.

** Part number 07530 is obsolete and must be replaced with P.C. Board Replacement Kit, PN 12216.

Table 10-7. Parts: Instrument Panel Assembly
(key to figure 10-6, continued)

Item	Description	Part Number (Quantity)
36	Nut, Hex, SST, #4-40	60463 (8)
37	Lockwasher, Split, SST, #4 x .025 thick	63005 (8)
38	Motor Controls P.C. Board Assembly RT6000B and T6000B RT6000 and T6000	07848 07561*
39	Rocker Switch, Smooth, Black, 20A, 227 VAC; McGill #0801-0310 Special	67330
40	Circuit Breaker, 60 Hz, 2-pole, Rocker, 15 A 250 VAC; Eta #43-21-P10-F10-RS-12, 15 amp	67300
40	Circuit Breaker, 50 Hz, 2-pole, Rocker, 8 A, 250 VAC; Eta #43-21-P10-F10-RS-12, 8 amp	67360
41	Resistor Assembly, 60 Hz, 33k OHMS, 1/2 W	07623
41	Resistor Assembly, 50 Hz, 68k OHMS, 1/2 W	07624

* Part number 07561 is obsolete and must be replaced with P.C. Board Replacement Kit, PN 12216.

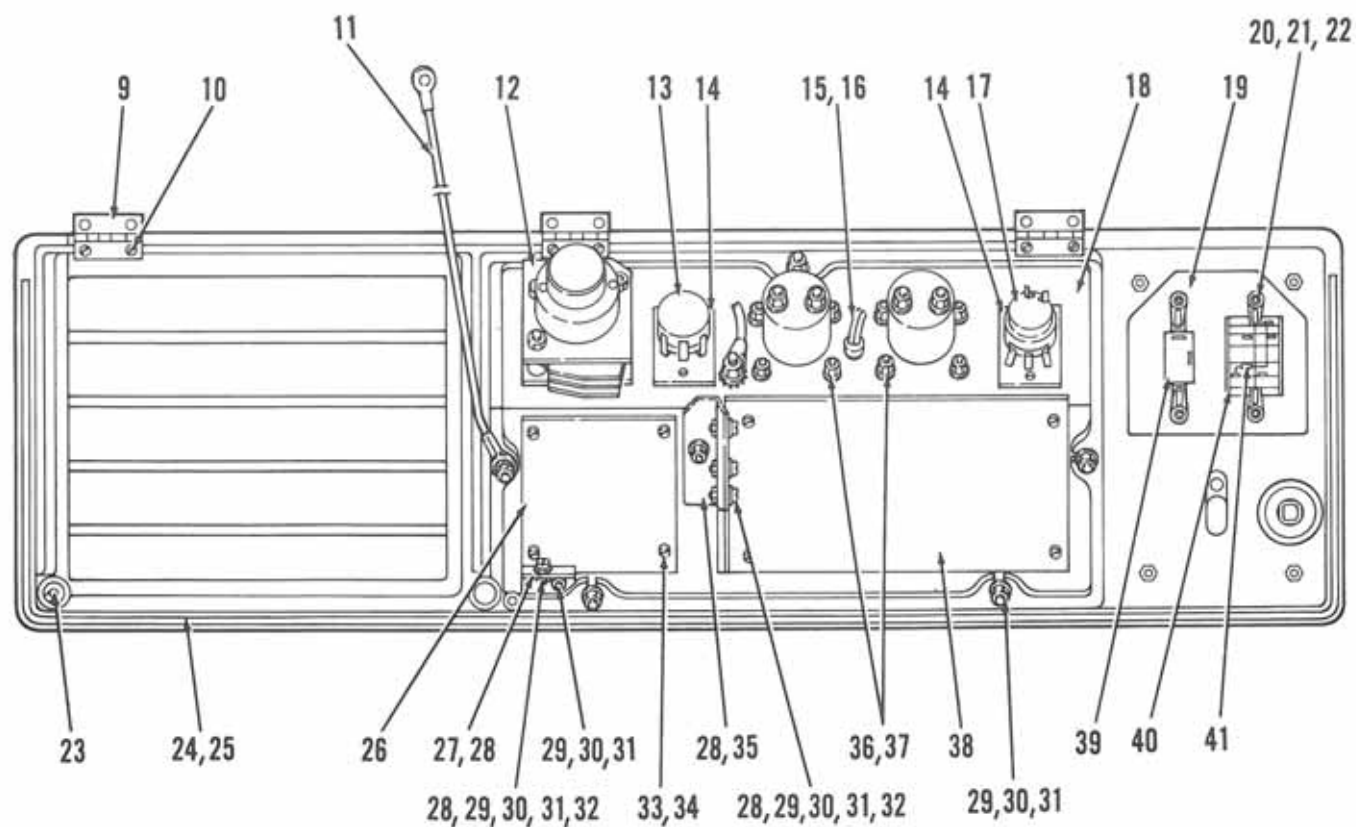
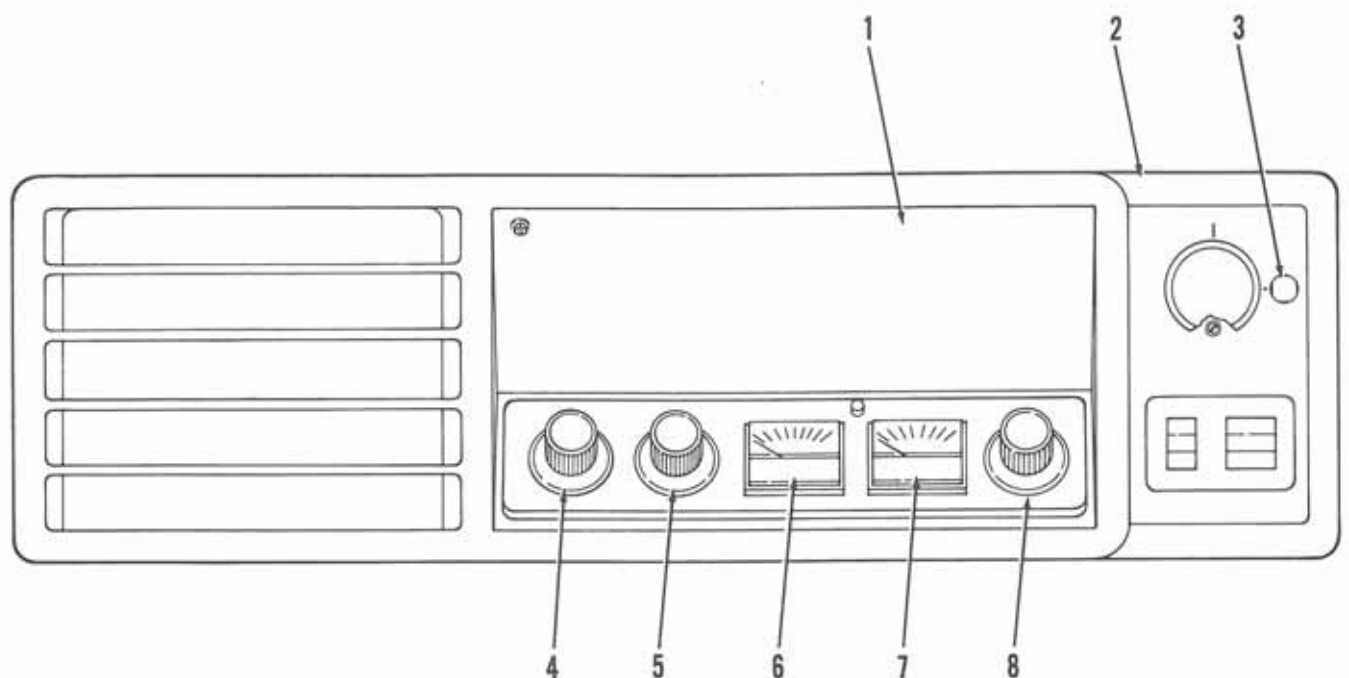


Figure 10-6. Instrument Panel Assembly

Table 10-8. Parts: Lid Latch Mechanism
(key to figure 10-7)

Item	Description	Part Number (Quantity)
1	Latch Assembly without Interlock <i>LEFT</i>	07526
2	Retaining Ring, External, Carbon Steel, .219 shaft diameter; Waldes Kohinoor #5133-21	67350 (2)
3	Linkage, Latch	07543
4	Lubricant, Plastilubes; Parr #8041-372-35	64591
5	Latch Assembly with Interlock <i>RIGHT</i>	07525
6	Lockwasher, Split, SST, #10 x .040 thick	63016*
7	Screw, Machine, Pan Head, Slotted, SST, UNF, #10-32 x 3/8 long	61597**
8	Screw, Machine, Pan Head, Slotted, SST, UNC, #10-24 x 1/4 long	61817 (4)
9	Shaft Assembly, Latch	07567
10	Bracket Assembly, Solenoid	07518
11	Microswitch, SPDT, leaf type; Microswitch #V3L-104-D8	66753
12	Insulator, Switch, 1-15/32 x 1 inch wide; Microswitch #AC10011	62587
13	Screw, Machine, Pan Head, Slotted, SST, UNC, #4-40 x 5/8 long	62396 (2)
14	Flatwasher, SST, #4, .125 ID x .025 OD x .022 thick	61072 (2)
15	Lockwasher, Split, SST, #4 x .020 thick	63004 (2)
16	Linkage Assembly, Manual Release	07578
17	Solenoid Assembly	07629
18	Pin, Actuator	07652

* 3 each required for Lid Latch without Interlock; 7 each required for Lid Latch with Interlock.

** 3 each required for Lid Latch without Interlock; 4 each required for Lid Latch with Interlock.

Table 10-8. Parts: Lid Latch Mechanism
(key to figure 10-7, continued)

Item	Description	Part Number (Quantity)
19	Switch, Push Button, DPDT, 15 A, 125/250 VAC; Cherry #E1900A	67866
20	Screw, Fillister Head, Slotted, SST, UNC, #6-32 x 1 inch long	60224 (2)
21	Flatwasher, SST, #4, 5/32 ID x 3/8 OD x .031 thick	60522 (2)
22	Lockwasher, Split, SST, #6 x .031 thick	62021 (2)
23	Insulator, Fishpaper, 2.9 long x 1.0 wide x .031 thick	07606

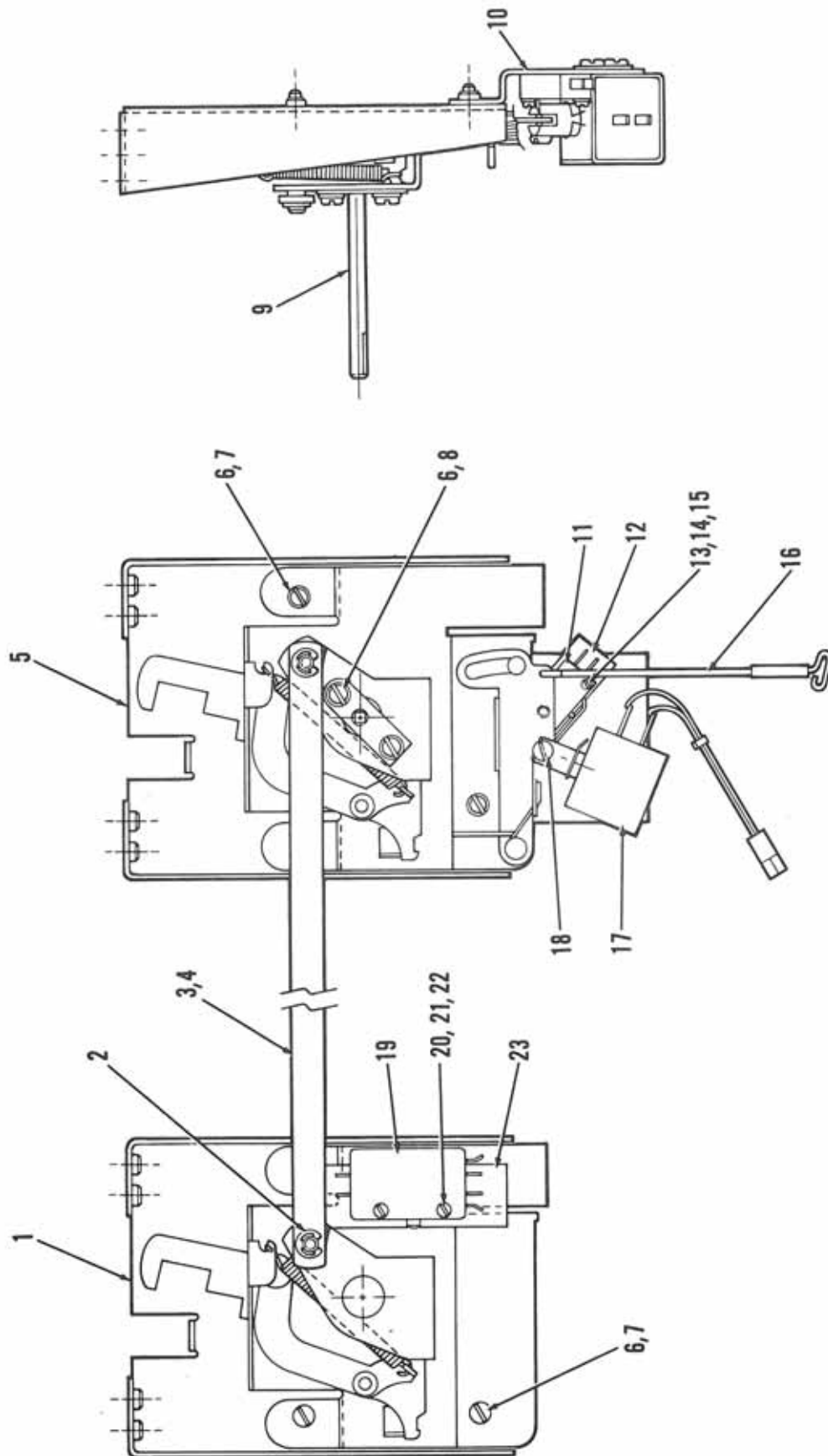


Figure 10-7. Lid Latch Mechanism

