

PRELIMINARY REVISION PACKET. SUBJECT TO CHANGE WITHOUT NOTICE.

Publication Title: BJ7XX Parts Data Manual

Publication Number: 83308600 Manual Preliminary Revision: AH

Instructions: The attached pages contain replacement information. Insert the attached pages into the appropriate place. Do not discard current manual sheet (back-up page information is not supplied with this packet). All changes contained in this preliminary packet will be in the released revision.

REV	REWORK NUMBER	ECO/FCO NUMBER	DESCRIPTION	PAGES AFFECTED
01	# 3712	ECO 60392	Add Transducer safety stop.	3-24,3-25/26
		FCO 60392		
		ECO 60421	Change triacs on base and deck assembly.	4-6
			Technical	3-17/18
		Editorial	4-6.1/.2	

INDEX NO.	PART NUMBER	PART DESCRIPTION	NOTES
3-3		BASE ASSEMBLY (SHEET 2)	
1	75072800	BASE	S/C 01 W/O 37067A
1	76402500	BASE	S/C 01 W/ 37067A & S/C 02
1	76517000	BASE	S/C 03 & S/C 04 W/O 37485
1	76020400	BASE	S/C 04 W/ 37485 & S/C 05 W/O 37494A
1	76024300	BASE	S/C 05 W/ 37494A & S/C 06 W/O 37627
1	77465300	BASE	S/C 06 W/ 37627 & S/C 07 W/O 37653
1	77466800	BASE	S/C 07 W/ 37653 & S/C 07 W/O 37686A
1	77472700	BASE	S/C 07 W/ 37686A; S/C 07 W/O 37744
1	77813900	BASE	S/C 07 W/ 37744; S/C 08 W/O 37799
1	77817600	BASE	S/C 08 W/ 37799; S/C 09-16
1	83284100	BASE	S/C 17
1	82329500	BASE	S/C 18 - S/C 30, 50 Hz
1	73057400	01 BASE COA22-III	S/C 31 & ABV, 50 Hz
			S/C 18 & ABV, 60 Hz; ALL
			UNITS EXCEPT BJ7A3N
			S/C 37 & ABV, 60 Hz, BJ7A3N ONLY
1	73057401	BASE	
2	##	BLOWER ASSEMBLY	
3	94364000	GROMMET, SQUARE SHOULDER	
4	76422601	WASHER, SPECIAL	
5	10125725	SCREW, PAN HEAD, 8-32 x 1/2	
6	10125804	WASHER, SPRING LOCK, 8	
7	##	TRANSFORMER ASSEMBLY	
8	10125605	WASHER, FLAT, 6	
9	94281436	CABLE, GROUND	
10	94369504	CABLE, GROUND	
11	76417700	BRACKET, CAPACITOR	S/C 23 & BLW ONLY
12	10127117	SCREW, PAN HEAD, 6-22 x 7/8	S/C 07 W/O 37653 & BLW
13	76500500	BRACKET, POWER SUPPLY	S/C 23 & BLW ONLY
14	94281495	CABLE, GROUND	
15	75244802	BAR, BUSS	
16	76423800	GASKET, SIDE, RIGHT	
17	##	CAPACITOR, 50 VDC, 21000 MFD	
18	##	SWITCH, MODIFIED (RUN TRIAC)	
19	10117121	SCREW, PAN HEAD, 8-32 x 5/16	
20	10125805	WASHER, SPRING LOCK, 10	
21	24501608	TERMINAL, BLOCK, TB1	
22	24501658	COVER, TERMINAL BLOCK	
23	94274105	TERMINAL, QUICK CONNECT	
24		NOT USED	
25	94362600	MOUNT SHOCK	
26	93749163	SCREW, MACHINE, FLAT HEAD, 6-32 x 3/8	
27	93541046	TERMINAL, RING TONGUE	TAB 20, S/C 30 & BLW
28	10125919	SCREW, FLAT HEAD, 8-32 x 3/8	S/C 23 & BLW ONLY
29	##	FILTER, AIR	
30	94281467	CABLE, GROUND	
31	76419800	CLAMP, CABLE	S/C 07 W/O 37653 & BLW
31	76426300	CLAMP, CABLE	S/C 07 W/ 37653 & ABV
32	92633023	BUMPER, GROMMET	
33	92801010	CLAMP, CABLE	
34	##	FILTER, LINE	
35	10126402	WASHER, LOCK, EXTERNAL TOOTH	
36	##	CAPACITOR, C5	
37	92826001	BRACKET, CAPACITOR	
38	75244900	BRACKET, SHOCK, LOCK	
39	10126233	SCREW, SOCKET HEAD, 10-24	

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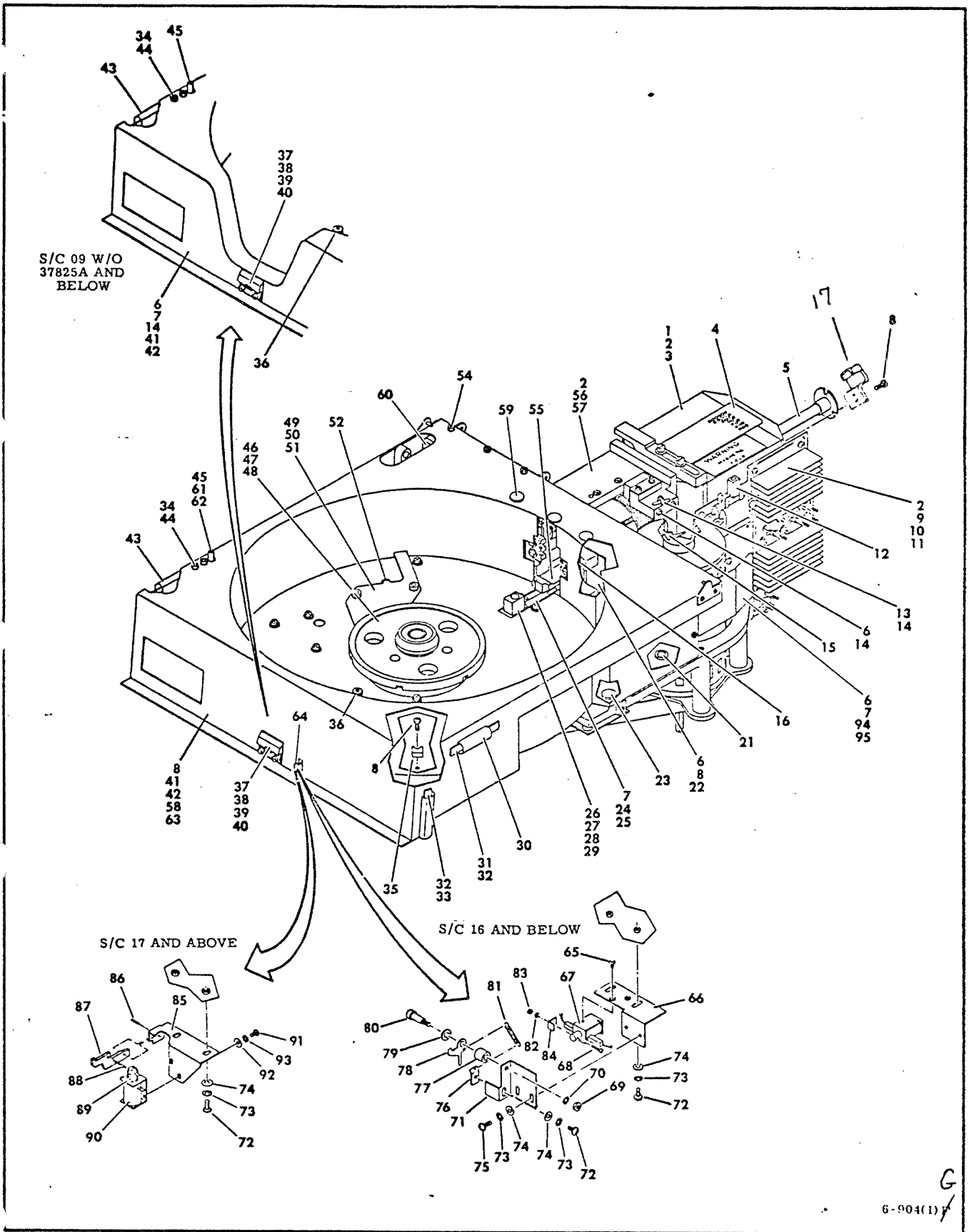


FIGURE 3-4. DECK ASSEMBLY (SHEET 2)

INDEX NO.	PART NUMBER	PART DESCRIPTION	NOTES
3-4		DECK ASSEMBLY (SHEET 2)	
1	10126234	SCREW, HEX, SOCKET HEAD, CAP, 10-24 x 1/2	
2	10125805	WASHER, SPRING LOCK, 10	
3		MAGNET ASSEMBLY (SEE FIG. 3-7)	
4	75257100	COVER, MAGNET	
5	##	TRANSDUCER ASSEMBLY	
6	10125605	WASHER, PLAIN, 6	
7	10125803	WASHER, SPRING LOCK, 6	
8	93749162	SCREW, PAN HEAD, MACHINE, 6-32 x 3/8	
9		POWER-AMP ASSEMBLY (SEE FIG. 3-8)	
10	10127131	SCREW, PAN HEAD, 10-24 x 3/8	
11	75259901	POWER AMP CABLE, W10	
12	94309803	POD, TERMINAL INSULATING	
13	92602001	CLAMP, CABLE, NYLON	
14	10127112	SCREW, PAN HEAD, 6-32 x 5/16	
15	94241008	CLIP, CABLE, (ADHESIVE BACK)	
16	94001102	TAPE, FOAM	
17	73072900	STOP, TRANSDUCER SAFETY	
18		NOT USED	
19		NOT USED	
20		NOT USED	
21	15012412	BUSHING, SNAP-IN	
22	##	COMPONENT ASSEMBLY, -ZGN	
23	94353204	CAPS AND PLUGS, PLASTIC	
24	NFR	RAIL, BOTTOM	
25	10126220	SCREW, HEX SOCKET HEAD, CAP, 6-32 x 5/8	
26	75070800	BLOCK-STOP	
27	75070700	STOP, BUMPER	
28	10126226	SCREW, HEX, SOCKET HEAD, CAP, 8-32 x 1/2	
29	10125804	WASHER, SPRING LOCK, 8	
30	76423503	GASKET, SIDE, SHROUD (LEFT)	
31	76423400	STIFFENER, GASKET (LONG)	
32	95655516	SCREW, SHEET METAL, 6-20 x 3/8	
33	76423404	STIFFENER, GASKET (SHORT)	
34	10126103	WASHER, INTERNAL TOOTH, LOCK, 6	
35	76031600	BLOCK-STOP	
36	##	SPEED SENSOR ASSEMBLY	
37	76516700	CATCH, SWITCH, MOUNTING BRACKET	S/C 07 W/O 37651 & BLW
37	76427700	CATCH, PACK ACCESS COVER	S/C 07 W/ 37651; S/C 08-16
37	76427702	CATCH, PACK ACCESS COVER	S/C 17 & ABV
38	92004120	SCREW, MACHINE, PAN HEAD, 4-40 x 5/16	
39	93211105	WASHER, FLAT	
40	10125801	WASHER, SPRING LOCK, 4	
41	77815200	SHROUD-PACK	S/C 09 W/O 37825A & BLW
41	77824400	SHROUD-PACK	S/C 09 W/ 37825A; S/C 10-16
41	47437900	SHROUD, PACK	S/C 17 & ABV
42	76024900	GASKET, SHROUD	S/C 09 W/O 37825A & BLW
42	77824500	GASKET, SHROUD	S/C 09 W/ 37825A & ABV
43	76423501	GASKET-SIDE, SHROUD (RIGHT)	
44	92004121	SCREW, MACH, PAN HD, 6-32 x 5/16	
45	##	SWITCH, INTERLOCK	
46	10125807	WASHER, SPRING LOCK, 5/16	
47	92723396	SCREW, BUTTON, SOCKET HEAD	
48		SPINDLE ASSEMBLY (SEE FIG. 3-9)	
49	92373005	NYLINER, SNAP-IN	

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ENGINEERING RECOMMENDED SPARE PARTS LIST

ITEMS APPEAR ON			DESCRIPTION	PART NUMBER	REPLACE- MENT PART NUMBER	NOTES
FIG. NO.	PAGE NO.	INDEX NO.				
3-3	3-17	34	Filter, Line Used S/C 04-30 Used S/C 01 - 33 Used S/C 31 & above Used S/C 34 & above	94371200 94371200 92009801 92009801	94371200 94371200 92009801 92009801	50 Hz 60 Hz 50 Hz 60 Hz
3-11	3-34	7	Switch Used S/C 04 & above	93786005	93786005	
3-4	3-25	5	Transducer Assy Used S/C 04-07 (Active for spares) Used S/C 08 & above	76517800 76427300	76517800 76427300	
3-4	3-21	36	Switch, Solid State (Start Triac) 60 Hz Used S/C 01 - S/C 06 Used S/C 07 - S/C 12 Used S/C 13 & Above	94365100 94371303 94371305	94365100 94371305 94371305	Used on units w/O XPN
			Switch, Solid State (Start Triac) 50 Hz Used S/C 01 - S/C 06 Used S/C 07 - S/C 15 Used S/C 16 & above Used S/C 16 thru 37 Used S/C 38 + ABOVE	94365100 94371304 94376501 94376501 44376501 94371305	94376501 94376501 94376501 94376501 94376501 94371305	Spare 94376501 for all units. Units between S/C 01-S/C 15 must have FCC 48477 installed. ALL UNITS - EXCEPT BY7B2P, BY7A2D/M BY7B2P, BY7A2D/M ONLY BY7B2P, BY7A2D/M ONLY
3-3	3-17	18	Switch, Modified (Run Triac) 60 Hz Used S/C 01 & above Switch, Modified (Run Triac) 50 Hz Used S/C 01 & above Used S/C 01 thru 37 Used S/C 38 + ABOVE	76427404 76427406 76427406 76427404	76427404 76427406 76427406 76427404	All UNITS EXCEPT BY7B2P, BY7A2D/M BY7B2P, BY7A2D/M ONLY BY7B2P, BY7A2D/M ONLY

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ENGINEERING RECOMMENDED SPARE PARTS LIST

ITEMS APPEAR ON			DESCRIPTION	PART NUMBER	REPLACE- MENT PART NUMBER	NOTES
FIG. NO.	PAGE NO.	INDEX NO.				
3-8	3-37	6	Resistor, Power, 30 W, 1 OHM Used S/C 01-07 Used S/C 08 & above	94237000 94237046	94237046 94237046	
3-8	3-37	23	Resistor, Power, 30 W, 1/4 OHM Used S/C 01-07 Used S/C 08 & above	94237030 94237045	94237045 94237045	
3-8	3-37	9	Terminal, Insulated Used S/C 01 & above	92707001	92707001	
3-8	3-37	7	Isolator Used S/C 01 & above	94311904	94311904	
3-3	3-19	50	Seal-Air Filter	75063000	75063000	

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