

2063, 2064, 2090, 2091

PARTS LIST

Ref. No.	Part No.	Description
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TRANSISTORS

TR1	36582	FM RF
TR2	36578	FM Mixer - FMII
TR3	36581	FM Osc.
TR4	36578	FM IF - AM Conv.
TR5	36578	AM-FM IF
TR6	36578	AM-FM IF
TR7	36580	AF AMF
TR8	36577	Intercom Preamp
TR9	36580	Driver
TR10	36579	Audio Output

DIODES AND RECTIFIERS

D1	35019	AFC
D2	36508	FM Overload
D3	36508	FM Overload
D4	36508	AM Detector
D5	36508	AM Overload
D6	36539	Zener Power Regulator
D8	36564	Silicon Rectifier
D9	36564	Silicon Rectifier
D10	36564	Silicon Rectifier
D11	36564	Silicon Rectifier

CAPACITORS

C1	35081	FM Tuning Gang, 3 Section
C2	35101-130	15pf NPO Ceramic Disc
C3	35101-127	2.2pf NPO Ceramic Disc
C4	35100-120	0.001mfd @ 25V Ceramic Disc
C5	35100-120	0.001mfd @ 25V Ceramic Disc
C6	35101-134	3.3pf NPO Ceramic Disc
C7	35101-130	15pf NPO Ceramic Disc
C8	35100-124	270pf @ 25V Ceramic Disc
C9	35100-139	0.01mfd @ 50V Ceramic Disc
C10	35100-144	56pf NPO Ceramic Disc
C11	35100-139	0.01mfd @ 50V Ceramic Disc
C12	35100-144	56pf NPO Ceramic Disc
C13	35101-126	1.2pf @ 1000V Ceramic Disc
C14	35100-141	0.05mfd @ 50V Ceramic Disc
C15	35078	Trimmer, Tubular
C16	35101-134	3.3pf NPO Ceramic Disc
C17	35101-129	4.7pf @ 1000V Ceramic Disc
C18	35100-120	0.001mfd @ 25V Ceramic Disc
C19	35101-132	12pf N330 Ceramic Disc
C20	35101-137	5.6pf N750 Ceramic Disc
C21	35061	Feed-Thru, Ceramic
C22	35100-141	.05mfd @ 50V Ceramic Disc
C23	35079	AM Tuning Gang, 2 Section
C27	35100-139	0.01mfd @ 25V Ceramic Disc
C28	35101-135	7.5pf @ 1000V Ceramic Disc
C29	35100-141	0.05mfd @ 50V Ceramic Disc
C30	35068-108	10mfd @ 6V Electrolytic
C39	35100-142	330pf @ 25V Ceramic Disc
C44	35068-108	10mfd @ 6V Electrolytic
C48	35100-152	0.01mfd @ 50V Ceramic Disc
C49	35068-103	100mfd @ 15V Electrolytic
C50A	35080	30mfd @ 35V Electrolytic
C50B		300mfd @ 20V Electrolytic
C50C		500mfd @ 50V Electrolytic
C50D		500mfd @ 50V Electrolytic
C51	35100-141	0.05mfd @ 50V Ceramic Disc
C52	35100-153	0.03mfd @ 50V Ceramic Disc
C53	35068-111	390mfd @ 3V Electrolytic
C54	35024	0.47mfd @ 75V Polyester Film
C55	35100-134	470pf @ 1000V Ceramic Disc
C56	35100-140	0.02mfd @ 50V Ceramic Disc
C57	35100-127	0.1mfd @ 100V Ceramic Disc
C58	35100-139	.01mfd @ 25V Ceramic Disc
C59	35100-139	.01mfd @ 25V Ceramic Disc
C60	35100-139	.01mfd @ 25V Ceramic Disc
C61	35100-120	.001mfd @ 25V Ceramic Disc

CONTROLS AND RESISTORS

R1	33101-271	270Ω, 5%, 1/2 Watt, Carbon
R2	33101-333	33K, 5%, 1/2 Watt, Carbon
R3	33101-392	3900Ω, 10%, 1/2 Watt, Carbon
R4	33101-102	1000Ω, 10%, 1/2 Watt, Carbon

Ref. No.	Part No.	Description
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CONTROLS AND RESISTORS (Cont'd.)

R5	33101-331	330Ω, 10%, 1/2 Watt, Carbon
R6	33101-224	220K, 10%, 1/2 Watt, Carbon
R7	33101-333	33K, 5%, 1/2 Watt, Carbon
R8	33101-333	33K, 10%, 1/2 Watt, Carbon
R9	33101-331	330Ω, 10%, 1/2 Watt, Carbon
R10	33101-392	3900Ω, 10%, 1/2 Watt, Carbon
R11	33101-102	1000Ω, 10%, 1/2 Watt, Carbon
R12	33101-331	330Ω, 10%, 1/2 Watt, Carbon
R13	33101-104	100K, 10%, 1/2 Watt, Carbon
R18	33101-271	270Ω, 10%, 1/2 Watt, Carbon
R19	33101-331	330Ω, 10%, 1/2 Watt, Carbon
R23	33101-271	270Ω, 10%, 1/2 Watt, Carbon
R28	33101-471	470Ω, 10%, 1/2 Watt, Carbon
R41	33028-271	270Ω, 10%, 2 Watt, Wire Wound
R42	33101-101	100Ω, 10%, 1/2 Watt, Carbon
R43	33101-394	390Ω, 10%, 1/2 Watt, Carbon
R45A		500K, Tone Control
R45B	34038	100K, Systems Volume Control
R46	33040-683	68K, 5%, 1/2 Watt, Film
R55	33028-471	470Ω, 10%, 2 Watt, Wire Wound
R56	33028-082	8.2Ω, 10%, 2 Watt, Wire Wound
R58	33028-150	15Ω, 10%, 2 Watt, Wire Wound
R59	34023	2 meg, Level Set Control
R67	33101-332	3300Ω, 10%, 1/2 Watt, Carbon
R68	33028-082	8.2Ω, 10%, 2 Watt, Wire Wound
R69	33101-151	150Ω, 10%, 1/2 Watt, Carbon
R71	33101-033	3.3Ω, 5%, 1/2 Watt, Carbon
R73	33101-153	15K, 10%, 1/2 Watt, Carbon
R74	33101-273	27K, 10%, 1/2 Watt, Carbon
R75	33101-681	680Ω, 10%, 1/2 Watt, Carbon
R76	34029	20Ω Master Speaker Volume Control

COMPONENT COMBINATIONS

P1	37541	AM Comp. 1st FM IF Couplate - (3) .01mfd, 22K, 330Ω, 10K, 1500Ω
P2	37538	2nd FM - 1st AM IF Couplate - (3) .01mfd, .005mfd, 470Ω, 90K, 10K, 1200Ω
P3	37539	3rd FM - 2nd AM IF Couplate - .01mfd, (2) .02mfd, .005mfd, 560Ω, 2200Ω, 15K, 330Ω
P4	37511	FM Ratio Detector Couplate - (2) 330pf, 300pf, .001mfd, 1500Ω, 1000Ω, (2) 6800Ω, 68Ω, 68K
P5	37540	AM Audio Detector Couplate - .01mfd, (2) .02 mfd, 2700Ω, 2200Ω, 10K
P6	33031	Audio Couplate - 180K, (2) 68K, 56K, 2200Ω, 10K, 390, 1200Ω
P7	33032	Intercom Couplate - 4700Ω, 560K, 820K, 6800Ω, 100K, 15K, 680Ω

TRANSFORMERS

T1	30524	1st FM IF
T2	30587	2nd FM IF
T3	30587	3rd FM IF
T4	30574	Ratio Detector
T5	30541	3rd AM IF
T6	30540	2nd AM IF
T7	30542	1st AM IF
T8	30547	Intercom Input
T9	30575	Audio Output

COILS

L1	30068	FM Ant Primary
	30069	FM Ant
L2	30070	FM Ant Top
	30071	FM Mixer
L3	30062	10.7mc Trap
L4	30063	FM Oscillator
L5	30072	Neutralizing
L6	30573	AM Ant
L7	30067	AM Oscillator

REMOTE SPEAKERS

		Model N2027
		Model 2028
		Model N2021
		Model 2014
		Model N2006
		Model 2008

PARTS LIST (CONTINUED)

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
MISCELLANEOUS			MISCELLANEOUS (Cont'd.)		
M1	34581	AM-PHONO - FM, 3 Position Slide Switch		32384	Front Panel used in Model 2091-B
M2	34547	Talk-Listen, 3 Position Lever Switch		32386	Front Panel used in Model 2063-B
M3		OFF-ON Switch on R45		32388	Front Panel used in Model 2064-B
M4 thru M11	34577	Remote Selector 3 Position Slide Switch used in Models 2090-B, 2091B		31889	Knob, AM-FM Tuning used in Models 2090-B, 2091-B
M12	34578	Door, 2 Position Slide Switch used in Models 2063-B, 2064-B		31891	Knob, AM-FM Tuning used in Models 2063-B, 2064-B
	36025	Speaker, 5" 3.2Ω		31888	Knob, Speaker used in Models 2090-B, 2091-B
J1	40776	Phono Connector Ass'y.		31892	Knob, Speaker used in Models 2063-B, 2064-B
	31913	Dial Lamp (G. E. 1819)		31887	Knob, Volume used in Models 2090-B, 2091-B
	31882	Dial Pointer (AM-FM)		31890	Knob, Volume used in Models 2063-B, 2064-B
	40738	Front Panel Ass'y. used in Model 2090-B		31651	Knob, Talk-Listen Lever Switch
	40737	Front Panel Ass'y. used in Model 2091-B		31604	Knob, Tone
	40739	Front Panel Ass'y. used in Model 2063-B		40752	Switch Box Ass'y. Complete used in Models 2090-B, 2091-B
	40741	Front Panel Ass'y. used in Model 2064-B		40760	Switch Box Ass'y. Complete used in Models 2063-B, 2064-B
	32385	Front Panel used in Model 2090-B		31886	Lampholder
				40614	Power Transformer

NuTone

Madison & Red Bank Roads, Cincinnati, Ohio 45227

PART NO. 45461

PRINTED IN U.S.A.

REVISED CIRCUIT AND PARTS LIST

The following parts have been changed or added to stabilize FM reception and prevent drift.

ADD:

REF. NO.	PART NO.	DESCRIPTION
C-63	35068-109	15 Mfd. 15V Electrolytic Capacitor
R-76	33101-331	330 Ohm ½ Watt Carbon Resistor

CHANGE:

C-14	35100-141	.05 Mfd. 50V TO .002 Mfd. 50V—Part #35110-106
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The following part has been changed in order to allow the Nutone Model 2603 Record Changer and 2605 8-Track Tape Player to be utilized without any circuit modifications.

CHANGE:

R-42 FROM 390K Ohms Part #33101-394 TO 68K Ohms Part #33101-683

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