

PARTS LIST

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
TUBES			CONTROLS AND RESISTORS		
V1		6BE6, AM Converter	R1		47K, ½ Watt, ±10%, Carbon
V2		6BN4A, FM RF Amp.	R2		22K, ½ Watt, ±10%, Carbon
V3		6BL8, FM Mixer, FM Oscillator	R3		220K, ½ Watt, ±10%, Carbon
V4		6BA6, AM-FM IF Amp.	R4		47K, ½ Watt, ±10%, Carbon
V5		6AU6, FM Limiter	R5		100Ω, ½ Watt, ±10%, Carbon
V6		12AX7, AF Amp.	R6		330Ω, ½ Watt, ±10%, Carbon
V7		6CU5, Audio Output	R7		10K, ½ Watt, ±10%, Carbon
V8		6V4/EZ80, Rectifier	R8		2.2K, ½ Watt, ±10%, Carbon
X1		2N233, Intercom Pre-Amp.	R9		100Ω, ½ Watt, ±10%, Carbon
CAPACITORS			R10		100Ω, ½ Watt, ±10%, Carbon
C2		20,000 mmf @ 1000V, Ceramic Disc	R11		22K, ½ Watt, ±10%, Carbon
C4		5000 mmf @ 1000V, Ceramic Disc	R12		330Ω, ½ Watt, ±10%, Carbon
C5		47 mmf @ 1000V, Ceramic Disc	R13		1000Ω, ½ Watt, ±10%, Carbon
C6		10 mmf @ 1000V, Ceramic Disc	R14		120Ω, ½ Watt, ±10%, Carbon
C7		5000 mmf @ 1000V, Ceramic Disc	R15		100K, ½ Watt, ±10%, Carbon
C8		5000 mmf @ 1000V, Ceramic Disc	R16		10K, ½ Watt, ±10%, Carbon
C9		5000 mmf @ 1000V, Ceramic Disc	R17		1000Ω, ½ Watt, ±10%, Carbon
C10		20,000 mmf @ 1000V, Ceramic Disc	R18		22K, ½ Watt, ±10%, Carbon
C11		47 mmf @ 1000V, Ceramic Disc	R19		2.7Ω, ½ Watt, ±10%, Carbon (Early Prod. Only)
C12		5000 mmf @ 1000V, Ceramic Disc	R19	8777	20Ω, Wirewound, Intercom Level Control (Late Prod.)
C13		330 mmf @ 1000V, Ceramic Disc	R20		6.8 Meg, ½ Watt, ±10%, Carbon
C14		2 mfd @ 25V, Electrolytic	R21		470K, ½ Watt, ±10%, Carbon
C15		270 mmf @ 1000V, Ceramic Disc	R22		470K, ½ Watt, ±10%, Carbon
C16		5000 mmf @ 1000V, Ceramic Disc	R23	A-34013	2.5, Meg, Master Volume Control and Switch
C17		270 mmf @ 1000V, Ceramic Disc	R24		3.3 Meg, ½ Watt, 10%, Carbon
C18		47 mmf @ 1000V, Ceramic Disc	R25		470K, ½ Watt, ±10%, Carbon
C20		20 mmf @ 1000V, Ceramic Disc	R26	A-34013	330K, Master Tone Control
C21		1000 mmf @ 1000V, Ceramic Disc	R27		470K, ½ Watt, ±10%, Carbon
C22		47 mmf @ 1000V, Ceramic Disc	R28		220Ω, 1 Watt, ±10%, Carbon
C23		12 mmf @ 1000V, Ceramic Disc	R29		5.1 K, ½ Watt, ±5%, Carbon
C24		10 mmf @ 1000V, Ceramic Disc	R30	A-34012	250Ω, Hum Balance Control, Wire- wound
C25		1000 mmf @ 1000V, Ceramic Disc	R31		500Ω, 5 Watt, ±10%, Wirewound
C26		330 mmf @ 1000V, Ceramic Disc	R32		700Ω, 10 Watt, ±10%, Wirewound
C27		.1 mfd @ 100V, Ceramic Disc	R33		100K, ½ Watt, ±10%, Carbon
C28		220 mmf @ 1000V, Ceramic Disc	R34		10K, ½ Watt, ±10%, Carbon
C29		20,000 mmf @ 1000V, Ceramic	R35		10K, ½ Watt, ±10%, Carbon
C30		5000 mmf @ 1000V, Ceramic Disc	R36		100K, ½ Watt, ±10%, Carbon
C31		20,000 mmf @ 1000V, Ceramic Disc	R37		1000Ω, ½ Watt, ±10%, Carbon
C32		5000 mmf @ 1000V, Ceramic Disc	R38		100Ω, ½ Watt, ±10%, Carbon
C33		5000 mmf @ 1000V, Ceramic Disc	R39		15K, ½ Watt, ±10%, Carbon
C34		5000 mmf @ 1000V, Ceramic Disc	R40		220K, ½ Watt, ±10%, Carbon
C35A	A-35025	40 mfd @ 250V, Electrolytic	R41		330K, ½ Watt, ±10%, Carbon
B		100 mfd @ 250V, Electrolytic	R42		1.2Ω, ½ Watt, ±10%, Wirewound
C		40 mfd @ 250V, Electrolytic	R43		3.3Ω, 5 Watt, ±20%, Wirewound
D		50 mfd @ 25V, Electrolytic	R44		100K, ½ Watt, ±10%, Carbon
C36		20,000 mmf @ 100V, Ceramic Disc	R45		56Ω, ½ Watt, ±10%, Carbon
C37	A-35028	2.2 mmf, Ceramic Tubular	R46		22Ω, ½ Watt, ±10% Carbon
C38		5000 mmf @ 1000V, Ceramic Disc	R47		20Ω, Wirewound, Remote Speaker Volume Control
C39		20,000 mmf @ 1000V, Ceramic Disc	R48		
C40		330 mmf @ 1000V, Ceramic Disc	R49		
C41		1000 mmf @ 1000V, Ceramic Disc	R50		
C42		50,000 mmf @ 600V, Tubular	R51	B-34000	
C43		50,000 mmf @ 600V, Tubular			
C44		20,000 mmf @ 600V, Tubular			
C45	A-35027	1 mfd @ 3V, Ceramic Disc	T1	A-30520	AM RF
C46		150 mmf @ 1000V, Ceramic Disc	T2	C-30521	1st. FM IF
C47		20,000 mmf @ 1000V, Ceramic Disc	T3	C-30510	1st. AM IF
C48	B-35031	Trimmer	T4	C-30522	2nd. AM IF
C49		20,000 mmf @ 600V, Tubular	T5	C-30519	Output AM IF
C50		5000 mmf @ 600V, Ceramic Disc	T6	C-30517	Ratio Detector
C51		5000 mmf @ 600V, Ceramic Disc	T8	B-30516	Output
			T9	B-30515	Filament
			TRANSFORMERS		

PARTS LIST (cont'd)

Q'ty.	Part No.	Description	Ref. No.	Part No.	Description
		COILS			MISCELLANEOUS—(cont'd)
L1	A-30027	AM Oscillator	M16	A-34518	Remote Station Selector Switch #10; Single Pole 3-Position Slide Type
L2	A-30019	RF Choke			
L3	A-30032	RF Choke	M17	A-34500	Remote Speaker Talk-Listen Switch (used in Speaker Models 2006, 2025 and 2026); SPDT Slide Type, Spring Return
L4	A-30029	FM RF			
L5	A-30028	FM Oscillator			
L6	A-30033	RF Choke			
L7	A-30031	Filament	M18	A-34511	Remote Speaker Talk-Listen Switch (used in Speaker Model 2020); SPDT Rotary, Wafer Type, Spring Return
L8	30031	Filament			
L10	30031	RF Choke			
		MISCELLANEOUS	M19	A-31105	Phono-Jack
M1	B-35030	AM Tuning Gang	M20	A-31026	Recessed Plug
M2	B-35029	FM Tuning Gang	M21	B-40112	Printed Circuit Assembly Switch. (Completely wired and soldered including Slide Switches M5 thru M16, Resistors R42 and R43 and Input and Output Leads)
M3	A-31023	AM-FM Selector Switch, DPDT Slide Switch			
M4	A-31023	Radio-Phono Selector Switch, DPDT Slide Switch		A-31163	9-pin Tube Shield
M5	A-34517	Master Station Listen-Talk Switch; Single Pole Spring Return		A-31071	7-pin Tube Shield
M6	A-34518	Master Speaker Switch; 3-Position Slide Type		A-31183	9-pin Tube Socket with Shield (Printed Circuit), (V6)
M7	A-34518	Remote Station Selector Switch #1; Single Pole 3-Position Slide Type		A-31184	9-pin Tube Socket (Printed Circuit), (V8)
M8	A-34518	Remote Station Selector Switch #2; Single Pole 3-Position Slide Type		A-31185	9-pin Tube Socket with Shield (Printed Circuit), (V3)
M9	A-34518	Remote Station Selector Switch #3; Single Pole 3-Position Slide Type		A-31186	7-pin Tube Socket with Shield (Printed Circuit), (V2, V4, V5)
M10	A-34518	Remote Station Selector Switch #4; Single Pole 3-Position Slide Type		A-31187	7-pin Tube Socket (Printed Circuit), (V7)
M11	A-34518	Remote Station Selector Switch #5; Single Pole 3-Position Slide Type		A-31188	7-pin Tube Socket with Shield (Printed Circuit), (V1)
M12	A-34518	Remote Station Selector Switch #6; Single Pole 3-Position Slide Type		A-32051	Heat Sink
M13	A-34518	Remote Station Selector Switch #7; Single Pole 3-Position Slide Type		B-40112	Printed Circuit Assembly (Switch)
M14	A-34518	Remote Station Selector Switch #8; Single Pole 3-Position Slide Type		A-31077	Pilot Lamp, G.E. #12
M15	A-34518	Remote Station Selector Switch #9; Single Pole 3-Position Slide Type			SPEAKERS
			SP1	B-36010	4" × 8" Oval (3.2Ω) Master Station
			SP2	B-36003	3½" (3.2Ω), Model 2006
			SP3	B-36030	4" (3.2Ω), Model 2025
				B-36031	5" (3.2Ω), Model 2026
			SP4	C-36008	8" (3.2Ω), Model 2020

RESISTANCE READINGS

Item	Tube	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9
V1	6BE6	22K	0Ω	.1Ω	0Ω	†‡5K	†‡5K	400K		
V2	6BN4	120Ω	0Ω	.1Ω	0Ω	†1.5K	120Ω	0Ω		
V3	6BL8	†2.2K	100K	†14K	.1Ω	0Ω	†2K	0Ω	0Ω	22K
V4	6BA6	180K	0Ω	.1Ω	0Ω	†1K	†1K	100Ω		
V5	6AU6	180K	0Ω	0Ω	.1Ω	†11K	†11K	100Ω		
V6	12AX7	†470K	6.8 meg	0Ω	*200Ω	*200	†470K	3.3 meg	0Ω	200Ω
V7	6CU5	220Ω	470K	*200Ω	*200Ω	470K	†1.2K	700Ω		
V8	6V4	100Ω	NC	INF	*200Ω	*200Ω	NC	100Ω	NC	NC

All measurements taken in FM position unless otherwise designated.
 † Measured from V8 pin 3. ‡ Measured in AM position. * Taken with hum balance (R30) centered.
 NC = No Connection.

Nutone Models 2057 or 2058

Correction Notice

The following corrections should be inserted into the service manual for the above models.

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Add:

R39 68K, 1/2 Watt, $\pm 10\%$, Carbon
(Late Prod.)

Change:

R51 B-34000

20 Ω , Wirewound, Remote
Speaker Volume Control

To:

R51 B-34011

20 Ω , Wirewound, Remote
Speaker Volume Control

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Change:

L7 A30031 Filament
L8 A30031 Filament

To:

L7 A-30030 Filament
L8 A-30030 Filament

Delete:

B-40112 Printed Circuit Assembly
(Switch)

Change:

T3 C-30510 1st AM IF
T4 C-30522 2nd AM IF
T9 B-30515 Filament

To:

T3 C-30518 1st AM IF
T4 C-30522 2nd FM IF
T9 B-30515 Power

Schematic, Pages 15 & 16

L9 should be L10
R39 should be 15K, * 68K