

Symbol	Description	Part Number
	Speed Nut (Cabinet Mtg.) (A04 to A08)	33-494-01
	Printed Bd. Mounting Bracket (A04 to A08)	39-898-02
	Pointer (A04 to A06)	53-1448-02
	Pointer Carriage Assy. (A04 to A06)	53-100582-02
C408, C409	7200uF +75% -10% 50V Electrolytic (A04 to A08)	44-188-04

HEATSINK ASSY. (LEFT) - 02-100798-01 (A04, A08)
 HEATSINK ASSY. (LEFT) - 02-100798-03 (A05)
 HEATSINK ASSY. (LEFT) - 02-100798-07 (A06, A07)

NOT REPLACEMENT ASSY'S. (Do not Order)

Symbol	Description	Part Number
Q580	Power Transistor (A04, A08)	14-601-34
	Power Transistor (A05)	14-601-33
	Power Transistor (A06, A07)	14-601-24
Q581	Power Transistor (A04, A08)	14-601-34
	Power Transistor (A05)	14-601-33
	Power Transistor (A06, A07)	14-601-24
	Mica Transistor Insulator	39-68-02
	Transistor Socket	34-515-04

HEATSINK ASSY. (RIGHT) - 02-100798-02 (A04, A08)
 HEATSINK ASSY. (RIGHT) - 02-100798-04 (A05)
 HEATSINK ASSY. (RIGHT) - 02-100798-08 (A06, A07)

NOT REPLACEMENT ASSY'S. (Do not order)

Symbol	Description	Part Number
Q680	Power Transistor (A04, A08)	14-601-34
	Power Transistor (A05)	14-601-33
	Power Transistor (A06, A07)	14-601-24
Q681	Power Transistor (A04, A08)	14-601-34
	Power Transistor (A05)	14-601-33
	Power Transistor (A06, A07)	14-601-24
	Transistor Socket	34-515-04
	Mica Transistor Insulator	39-68-02

DUBBING JACK ASSY. - 02-100799-01 (A04 to A08) NOT REPLACEMENT ASSY'S. (Do not order)

Symbol	Description	Part Number
J561, J563	Phone Jack (A04 to A08)	34-605-01
J562	Phone Jack (A04 to A08)	34-605-02



SAFETY COMPONENTS



(ON SCHEMATIC)

FOR CONTINUED SAFETY USE EXACT REPLACEMENT PARTS FOR THE FOLLOWING COMPONENTS:

NOTE: THE 02- and 05- NUMBERS ARE FOR ASSEMBLY LOCATION REFERENCE ONLY.

ON 02-120050-01, -02, -03 Audio Amplifier P.C.B. Assy.

Symbol	Description	Part Number
R589, R689, R591, R691	10R 1/2W 5% Resistor	42-63-19
R581, T681	100R 1/2W 5% Resistor	42-63-23
R595, R695	10R 2W 10% Resistor	42-63-24
R593, R693, R594, R694	.51R 4W 10% Resistor	42-63-25

ON 02-120052-01, -02 Power Supply P.C.B. Assy.

Symbol	Description	Part Number
F401	5A 125V Fuse (Slow Blow)	27-5-07
F401	3A 125V Fuse (Slow Blow)	27-5-14
F404	1/4A 250V Fuse (Slow Blow)	27-5-05
F405	3A 250V Fuse	27-14-18
F406, F407, F408, F409	4A 250V Fuse	27-14-31
F406, F407, F408, F409	3A 250V Fuse	27-14-18
R406	120R 1/4W 5% Resistor	42-63-31
R402	47R 1W 10% Resistor	42-63-33
R403	150R 2W 10% Resistor	42-63-32
C401	47nF 20% UL & CSA Approved Capacitor	48-204732-73
C403	2n2 10% UL Approved Capacitor	46-202221-45

ON 02-120055-01 Tone Control P.C.B. Assy.

Symbol	Description	Part Number
R545, R645	10R 1/2W 5% Resistor	42-63-28

ON 02-120043-03 Dial Lighting P.C.B. Assy.

Symbol	Description	Part Number
R451	12R 1/2W 10% Resistor	42-63-26

ON 05-100769-01, -02, -03, -04 Front Panel Assy.

Symbol	Description	Part Number
SW401	N30X Power Switch	26-203-60

ALWAYS ORDER PARTS BY PART NUMBER, TO ENSURE FAST DELIVERY AND CORRECT REPLACEMENT

PROJECT LIGHTING P.C.B. ASSY. - 02-120056-01 (A08)

Symbol	Description	Part Number
1453, 1454, 1455, 1457, 1458, 1459	Pilot Lamp 6.3V .20A Function Light P.C.B. (no components)	27-22-37 50-1209-01

FM PRE-AMP P.C.B. ASSY. - 02-120057-01 (A04, A05, A06)

Symbol	Description	Part Number
ZD401	Zener Diode 12V 5% 1W	14-515-01
Q251, Q261	Small Signal Transistor	14-801-12
	Transistor Socket	34-623-01
C251, C261	1uF 50V Electrolytic	44-310506-01
	FM Pre-Amp P.C.B. (no components)	50-1219-01

AUDIO GAIN AMPLIFIER P.C.B. - 02-120060-01 (A04, A05, A06, A07, A08)

Symbol	Description	Part Number
C534, C634	3u3 25V Electrolytic	44-333504-02
C532, C632	4u7 25V Electrolytic	44-347504-02
C533, C633	10uF 25V Electrolytic	44-310004-03
C564	100uF 25V Electrolytic	44-310104-11
	Audio Gain Amplifier P.C.B. (no components)	50-1221-01

BACK PANEL ASSY. - 05-100795-01 (A04, A05)**BACK PANEL ASSY. - 05-100795-02 (A04, A05, A06)****BACK PANEL ASSY. - 05-100795-03 (A07, A08)**

Symbol	Description	Part Number
L51	V.H.F. Balun (A04, A05, A06)	21-1107-01
SW191	Slider Switch DPDT (A04, A05, A06)	26-2-05
J401, J402	AC Receptacle (A04, A05, A06, A07, A08)	34-13-01
	Line Cord Plug Assy. (A04 to A08)	34-138-08
	Shorting Plug (A04, to A08)	33-484-01
	"F" Series Connector (A04, to A06)	34-495-01
	Pot-64 Strain Relief Bushing (A04 to A08)	33-28-01
	Phono Plug (A04 to A08)	34-586-01
	Phono Plug (A04, to A06)	34-586-02
	Phono Plug (A07, A08)	34-586-03
	Phono Plug (A04, to A06)	34-586-03
	Ground Binding Post Assy. (A04, to A08)	34-587-01
	Knurled nut (Part of 34-587-01)(A04 to A08)	34-587-02
	Spacer (Part of 34-587-01)(A04 to A08)	34-587-03
	Screw (Part of 34-587-01)(A04 to A08)	34-348-59
	Quick Connector (A04 to A08)	34-609-01
	20W 8R 20% Resistor (A04 to A08)	42-168072-01
	Antenna Balun P.C.B. (A04, to A06)	50-1080-01
	Pot-32 Strain Relief Bushing	33-28-03
	Antenna Bracket	35-3174-01
	Antenna Bracket Swivel	35-3175-01

FRONT PANEL ASSY. - 05-100796-01 (A04)**FRONT PANEL ASSY. - 05-100796-02 (A05, A06)****FRONT PANEL ASSY. - 05-100796-03 (A07)****FRONT PANEL ASSY. - 05-100796-04 (A08)**

Symbol	Description	Part Number
M541	VU Meter (A04, A08 only)	25-60-01
M641	VU Meter (A04, A08 only)	25-60-02
M501	Tuning Meter (A04 to A06)	25-60-03
SW401	Push Button Switch (A04 to A08)	26-203-60
	Dial Scale (A04)	30-441-01
	Dial Scale (A05, A06)	30-441-02
	Dial Scale (A07)	30-441-03
	Dial Scale (A08)	30-441-04
	Light Box (Dial) (A04, to A07)	39-910-01
	Light Box (Meter)(A04, A05, A06, A08)	39-935-01
	Light Box (Functions)(A08)	39-909-01
	Diffuser (Dial Light)(A04 to A06)	39-930-01
	Speed Nut to mount 39-909-01	33-465-11
	Flywheel & Driveshaft Assy. (A04 to A06)	35-3079-02
	Pilot Lamp 6.3V .25A (A04, A08)	27-22-08
	Pilot Lamp 6.3V .25A (A04, to A06)	27-22-08
	Pilot Lamp Socket and Leads	34-384-07

1451, 1452,
1465,

CHASSIS ASSY. 05-100797-01 (A04)**CHASSIS ASSY. 05-100797-02 (A05)****CHASSIS ASSY. 05-100797-03 (A06)****CHASSIS ASSY. 05-100797-04 (A07)****CHASSIS ASSY. 05-100797-05 (A08)**

Symbol	Description	Part Number
T401	Power Transformer 60 Hz (A04, A08)	24-10173-03
	Power Transformer 60 Hz (A05)	24-10173-02
	Power Transformer 60 Hz (A06, A07)	24-10173-01
	Plastic Feet (A04 to A08)	33-409-01

Symbol

C408, C409

HEATSINK ASSY

HEATSINK ASSY

HEATSINK ASSY

Symbol

Q580

Q581

HEATSINK ASSY

HEATSINK ASSY

HEATSINK ASSY

Symbol

Q680

Q681

DUBBING JACK A

Symbol

J561, J563

J562

FOR CONTIN

COMPONENTS

NOTE: THE 02

ON 02-120050-

Symbol

R589, R689, R

R581, T681

R595, R695

R593, R693, R

ON 02-120052-

Symbol

F401

F401

F404

F405

F406, F407, F4

F406, F407, F4

R406

R402

R403

C401

C403

ON 02-120055-

Symbol

R545, R645

ON 02-120043-

Symbol

R451

ON 05-100769-

Symbol

SW401

ALWAYS ORDER

Symbol
R570, R670
C571, C671
C570, C670
C575, C675
C574, C674
C576, C676
C573, C673
C585, C685
C572, C672
C577, C677
C581, C681, C582, C682
C578, C678
C579, C679 C583, C683, C584, C684

Description
Carbon Trim Pot 4K7 20%
1uF 20V 20% Electrolytic
10uF 25V Electrolytic
47uF 15.0/16.0V Electrolytic
47uF 50V Electrolytic
220uF 50V Electrolytic
3nF NPO ±0.25pF 50V Cap
33pF Z5P 50V Cap
220pF Z5P 10% 50V Cap
1nF Z5P 10% 50V Cap
10nF Z5U 50V -0+100% Cap
68nF 100V 10% Cap
100nF 10% 100V Cap
Audio Amplifier P.C.B. (no components)

Part Number
41-265-12
44-210465-01
44-310004-02
44-347003-12
44-347006-05
44-322106-07
46-430780-51
46-333053-51
46-322113-51
46-310213-51
46-310377-51
48-176831-22
48-171041-22
50-1207-01

MAGNETIC PRE-AMP P.C.B. ASSY. 02-120051-01 (A04 to A08)

Symbol
Q501, Q601, Q502, Q602

C501, C601
C500, C600
C560
C504, C604, C502, C602
C503, C603
C505, C605, C506, C606

Description
Small Signal Transistor
Transistor Socket
1uF 35V Electrolytic
220uF 10V Electrolytic
330uF 25V Electrolytic
100pF Z5P 10% 500V Cap
3N3 Z5P 50V 10% Cap
10nF 10% 200V Cap
Magnetic Pre-Amp P.C.B. (no components)

Part Number
14-801-12
34-623-01
44-210475-01
44-322102-12
44-333104-11
46-310113-02
46-333213-54
48-171032-02
50-1217-01

POWER SUPPLY P.C.B. ASSY. - 02-120052-01 (A04, A05, A08)**POWER SUPPLY P.C.B. ASSY. - 02-120052-03 (A06, A07)**

Symbol
D405, D406, D407, D408, D409
D401, D402, D403, D404

C418
C412
C410, C411
C404, C405, C416, C417
C406, C407

Description
Rectifier 1A 200V
Rectifier 6A 200V (A04, A05, A08)
Rectifier 3A 200V (A06, A07)
220uF 25V Electrolytic
470uF 10V Electrolytic
1000uF 35V Electrolytic
10nF Z5U 0+100% 500V Cap
1nF Z5U 10% 500V Cap
Power Supply P.C.B. (no components)

Part Number
28-22-28
28-22-30 MR752
28-22-26
44-322104-05
44-347102-05
44-310205-16
46-310377-10
46-310217-02
50-1213-01

FUNCTION SWITCH P.C.B. ASSY. - 02-120053-01 (A04, A05, A06)**FUNCTION SWITCH P.C.B. ASSY. - 02-120053-02 (A07, A08)**

Symbol
Q401, Q402
SW501

Description
Small Signal Transistor (A04, A05, A06, A08)
Selector Switch (P.C.B. Type)(A04, A05, A06)
Selector Switch (P.C.B. Type)(A07, A08)
Transistor Socket
Function Switch P.C.B. (no components)

Part Number
14-808-12
26-243-01
26-243-02
34-623-01
50-1214-01

PUSH BUTTON P.C.B. ASSY. - 02-120054-01 (A04, A05, A06)**PUSH BUTTON P.C.B. ASSY. - 02-120054-02 (A07, A08)**

Symbol
SW502

C562
C520, C620

Description
Push Button Switch (7 section)(A04, A05, A06)
Push Button Switch (6 section)(A07, A08)
4N7 Z5U 500V Cap
150nF 300V 20% Cap
Push Button Switch P.C.B. (no components)

Part Number
26-203-57
26-203-59
46-347217-09
48-171534-22
50-1215-01

TONE CONTROL PRE-AMP P.C.B. ASSY. - 02-120055-01 (A04, A08)**TONE CONTROL PRE-AMP P.C.B. ASSY. - 02-120055-02 (A05, A06, A07)**

Symbol
D541, D641, D542, D642
Q503, Q603, Q504, Q604, Q505, Q605
SW503

R544, R644
C563
R542, R642
R562
R530
R519
R516

C507, C607
C516, C616
C508, C608, C513, C613, C517, C617
C515, C615, C663
C514, C614
C511, C611, C512, C612
C509, C609, C510, C610
C519, C619

Description
Diode (signal) (A04, A08 only)
Small Signal Transistor
Rotary Switch
470R 2W 10% Resistor
330uF 25V Electrolytic
Carbon Trim Pot 4K7 20% (A04, A08 only)
Rotary Control (balance)
Rotary Control (volume)
Rotary Control (treble)
Rotary Control (bass)
U.47 25V Electrolytic
1uF 50V Electrolytic
4U7 25V Electrolytic
33uF 25V Electrolytic
100pF Z5P 10% 50V Cap
10nF 100V 10% Cap
47nF 10% 200V Cap
220nF 10% 200V Cap
Tone Control Pre-Amp P.C.B. (no components)

Part Number
14-514-66
14-801-12
26-242-01
40-624711-11
44-333104-06
41-265-12
41-262-06
41-303-01
41-304-01
41-304-02
44-247365-01
44-310506-01
44-347504-02
44-333004-03
46-310113-51
48-171031-22
48-174732-22
48-172242-22
50-1216-01

SERVICE REPLACEMENT PARTS LIST FOR A04, A05, A06, A07, A08 CHASSIS

DIAL LIGHTING P.C.B. ASSY. — 02-120043-03 (A04, A05, A06)

DIAL LIGHTING P.C.B. ASSY. — 02-120043-04 (A07)

Symbol

I453, I454, I455, I457, I458, I459
I460, I461, I462, I463
I464

VR101

VR102, VR103

C101

C102, C103, C105, C106, C107, C108, C109,

C114, C118, C120, C121, C123, C141, C143,

C146, C150, C151, C153, C155, C157, C158

C104, C110, C111, C112, C113,

C117, C119, C122, C142

C115, C126, C135

C116

C124

C125

C127, C128

C129, C145, C154

C130

C131, C156, C160

C132, C133,

C134

C136, C137

C138, C139

C140, C162

C144

C147, C161

C148

C149

C152

C159

CP101

CP102, CP103

CF101, CF102, CF103

T101

T102

T103

T105

T106

T107

L101, L102

L103

L105

Z100

P101A

P101B

PB100

Description

Pilot Lamp 6.3V .20A

Pilot Lamp 6.3V .25A

Pilot Lamp 5V 0.06A

P.C.B. (no components)

NTX-710 Audiophile Tuner

(Ref. only 02-120049 Series)

AM ROD Antenna Internal (A04, A05)

AM ROD Antenna External (A04, to A06)

Control, 5k

Control, 200k

Cap. Ceramic, 4n7, +80%-20% Z5V 50V

Cap. Ceramic, 22n, +80%-20%, Z5V, 50V

Cap. Ceramic, 10n, +80%-20% Z5V, 50V

Cap. Electrolytic, 10μ 16V

Cap. Ceramic, 18p, ±10%, Z5P, 50V

Cap. Electrolytic, 1μ 16V

Cap. Ceramic 33p ±10% Z5P 50V

Cap. Polyethylene 10n ±5% 50V

Cap. Mylar 47n ±20% 50V

Cap. Polyethylene 2n2 ±5% 50V

Cap. Electrolytic 2μ2 16V

Cap. Mylar 10n ±10% 50V

Cap. Mylar 2n2 ±20% 50V

Cap. Electrolytic 4μ7 16V

Cap. Mylar 1n5 ±10% 50V

Cap. Electrolytic 220μ 16V

Cap. Mylar, 4n7 ±20% 50V

Cap. Mylar 10n ±20% 50V

Cap. Ceramic 18p ±5% NPO

Cap. Mica 430p ±5% 50V

Cap. Ceramic 1p ±0.25pF 50V

Cap. Mylar 6n8 ±20% 50V

Composite Part

38 KHz Filter

Ceramic Filter 10.7MHz

Transformer IF

Transformer IF

Transformer IF

Coil. Ceramic Filter, 455KHz

Transformer IF

Transformer IF

Transformer 19 KHz

Transformer 38 KHz

Coil, AM Oscillator

FM Tuner, Gan, (FM Front end)

FM Tuning Gang (FM Front end)

6 pin Konektcon P.C.B. Terminal

8 pin Konektcon P.C.B. Terminal

P.C.Board without components

Terminal Pin

Gang Mtg. Screw

Part Number

27-22-37

27-22-40

27-22-39

50-1208-01

10-94-01

51-61-01

51-61-02

ZM41950030

ZM41950031

46-347268-52

46-322368-52

46-310368-52

44-310003-02

46-318013-52

44-310503-02

46-333013-52

ZM42749349

48-134731-04

ZM42749333

44-322503-02

48-131031-03

48-132221-01

44-347503-02

48-131521-01

44-322103-04

48-134721-01

48-131031-03

46-418150-01

47-44315-03

46-410115-01

48-136821-02

ZM-39053001

ZM39052001

ZM61136006

ZM60828102

ZM60830001

ZM60828002

ZM61131001

ZM60801009

ZM60802011

ZM61905003

ZM61905004

ZM60750038

ZM34401103

34-548-06

34-548-08

ZM72910461

ZM74900009

ZM24850201

Symbol

R570, R670

C571, C671

C570, C670

C575, C675

C574, C674

C576, C676

C573, C673

C585, C685

C572, C672

C577, C677

C581, C681, C582, C682

C578, C678

C579, C679 C583, C683

MAGNETIC PRE-AMP

Symbol

Q501, Q601, Q502, Q602

C501, C601

C500, C600

C560

C504, C604, C502, C602

C503, C603

C505, C605, C506, C606

POWER SUPPLY P.C.B.

POWER SUPPLY P.C.B.

Symbol

D405, D406, D407, D408

D401, D402, D403, D404

C418

C412

C410, C411

C404, C405, C416, C417

C406, C407

FUNCTION SWITCH P.C.B.

FUNCTION SWITCH P.C.B.

Symbol

Q401, Q402

SW501

PUSH BUTTON P.C.B.

PUSH BUTTON P.C.B.

Symbol

SW502

C562

C520, C620

TONE CONTROL PRE

TONE CONTROL PRE

Symbol

D541, D641, D542, D642

Q503, Q603, Q504, Q604

SW503

R544, R644

C563

R542, R642

R562

14-808-12

14-870-12

R530

R519

R516

C507, C607

C516, C616

C508, C608, C513, C613

C515, C615, C663

C514, C614

C511, C611, C512, C612

C509, C609, C510, C610

C519, C619

AUDIO AMPLIFIER P.C.B. ASSY. — 02-120050-01 (A04, A08)

AUDIO AMPLIFIER P.C.B. ASSY. — 02-120050-02 (A05)

AUDIO AMPLIFIER P.C.B. ASSY. — 02-120050-03 (A06, A07)

Symbol

D571, D671, D572, C672, C573, C673,

D574, D674

ZD571, ZD671

Q571, Q671, Q572, Q672

Q574, Q674, Q576, Q676

Q577, Q677

Q575, Q675

Q579, Q679

Q573, Q673, Q578, Q678

L571, L671

R596, R696

R572, R672

R579, R679

Description

Diode (Signal)

Zener Diode 12V 5% 1W

Small Signal Transistor

Small Signal Transistor

Small Signal Transistor

Small Signal Transistor

Plastic Power Transistor PNP (A04, A05, A08)

Plastic Power Transistor PNP (A06, A07)

Plastic Power Transistor NPN (A04, A05, A08)

Plastic Power Transistor NPN (A06, A07)

Choke

10R 2W 10% Resistor

1K2 3W 10% Resistor (A04, A08)

1K 3W 10% Resistor (A05)

820R 3W 10% Resistor (A06, A07)

Carbon Trim Pot 470R 20%

Part Number

14-514-64 or -14

14-515-01

14-804-12

14-806-12

14-808-12

14-870-12

14-922-23

14-924-23

14-921-23

14