

★
T.O. 33A1-8-105-4
(Formerly 16-45-401)

ILLUSTRATED PARTS BREAKDOWN

**VARIABLE MASTER OSCILLATOR
TYPE 115 MODEL 1**

(NORTHERN RADIO CO., INC.)

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TABLE OF CONTENTS

<i>Section</i>	<i>Page</i>
I INTRODUCTION	1
II ILLUSTRATIONS AND COMPONENT PARTS LISTS	4
Variable Master Oscillator Type 115 Model 1	
Illustrations	4
Components Parts Lists	18
III MANUFACTURER'S PART NUMBER CROSS-INDEX TO REFERENCE SYMBOL NUMBER	32
IV SPECIAL SERVICE TOOLS LIST	37

Reference Symbol No.	Stock No.	Description	Source Code
		VARIABLE MASTER OSCILLATOR TYPE 115 MODEL 1 (cont)	
E7		SHIELD: Same as E6	
E8		SHIELD: tube Ø TS102U03 (JAN-S-28A)	ELCO Corp. part No. 149
E9		SHIELD: Same as E8	
E10		SHIELD: Same as E8	
E11		SHIELD: Same as E8	
E12		TERMINAL: stud (10 each used)	PRME part No. 5000
E13		INSULATOR: standoff	ANL part No. 1704
E14		INSULATOR: Same as E13	
E15		INSULATOR: Same as E13	
E16		INSULATOR: Same as E13	
E17		SHIELD: Same as E5	
E18		INSULATOR: disk, part No. PT1A1-3	
E19		OVEN: inner, see fig. 4 thru 6 for breakdown, no number assy	
E20		STRIP: insulator, part No. 1N7A1	
E21		INSULATOR: standoff (4 each used)	ANL part No. 1700
E22		INSULATOR: Same as E21 (4 each used)	
E23		INSULATOR: Same as E21 (4 each used)	
E24		INSULATOR: Same as E21 (4 each used)	
E25		SHIELD: Same as E8	
E26		SHIELD: r-f tuner, part No. BK4A42-1	
E27		SHIELD: r-f tuner, part No. BK4A42-2	
E28		KNOB:	ICA part No. 1166
E29		KNOB: Same as E28	
E30		KNOB: Same as E28	
E31		KNOB: Same as E28	
E32		KNOB: Same as E28	
E33		KNOB: Same as E28	
E34		INSULATOR: part No. 1N9A2	
E35		KNOB:	ICA part No. 1165
E36		OVEN ASSY: see fig. 3 for breakdown, no number assy	
E37		FRONT PANEL AND CHASSIS ASSY: see fig. 11 thru 14 for breakdown, no number assy	
E38		INSULATOR: bushing	ANL part No. 1172
E39		INSULATOR: Same as E38	
E40		TERMINAL: stud	CGT part No. X1795-B
E41		SHIELD: main inductor, part No. SH4B2	
E42		OVEN: outer, see fig. 7 for breakdown, no number assy	
E43		POWER SUPPLY ASSY: see fig. 9 and 10 for breakdown, no number assy	

Ø Suitable JAN replacement at reference symbol location

Section II
Components Parts List

T.O. 33A1-8-105-4

Reference Symbol No.	Stock No.	Description	Source Code
		VARIABLE MASTER OSCILLATOR TYPE 115 MODEL 1 (cont)	
F1		FUSE: cartridge, 4 amps, 250 v LTF part No. 312004	
F2		FUSE: cartridge, .2 amps, 125 v LTF part No. 313 .200	
H1		SCREW: machine, slot dr, bind hd, brs, nickel pl, No. 4-40, 1/8 in. lg (6 each used) MFP Coml	
H2		SCREW: machine, slot dr, bind hd, brs, nickel pl, No. 4-40, 3/16 in. lg (4 each used) MFP Coml	
H3		SCREW: machine, slot dr, flat hd, brs, nickel pl, No. 4-40, 5/8 in. lg (3 each used) MFP Coml	
H4		SCREW: machine, slot dr, bind hd, brs, nickel pl, No. 4-40, 3/8 in. lg (13 each used) MFP Coml	
H5		SCREW: machine, slot dr, flat hd, brs, nickel pl, No. 4-40, 3/4 in. lg (4 each used) MFP Coml	
H6		SCREW: machine, slot dr, flat hd, brs, nickel pl, No. 4-40, 3/8 in. lg (4 each used) MFP Coml	
H7		SCREW: machine, slot dr, bind hd, brs, nickel pl, No. 4-40, 1/4 in. lg (36 each used) MFP Coml	
H8		SCREW: machine, slot dr, rd hd, brs, nickel pl, No. 4-40, 1/2 in. lg (5 each used) MFP Coml	
H9		SCREW: machine, slot dr, oval hd, brs, nickel pl, No. 4-40, 5/16 in. lg (14 each used) MFP Coml	
H10		WASHER: lock, internal tooth, phosphor bronze, nickel pl, No. 4, 17/64 in. OD (69 each used) SH Coml	
H11		NUT: hexagon, brs, nickel pl, No. 4-40, 0.092 in. thick, 0.245 in. across flats (57 each used) MFP Coml	
H12		WASHER: flat, brs, nickel pl, 0.125 in. ID, 0.312 in. OD, 0.032 in. thick (4 each used) MFP Coml	
H13		WASHER: flat, fibre (6 each used) ICA part No. 5601	
H14		SCREW: machine, slot dr, bind hd, brs, nickel pl, No. 6-32, 3/4 in. lg (2 each used) MFP Coml	
H15		SCREW: machine, slot dr, rd hd, brs, nickel pl, No. 6-32, 1/4 in. lg (6 each used) MFP Coml	
H16		SCREW: machine, slot dr, bind hd, Sems with external tooth lockwasher, steel, Cd pl, No. 6-32, 3/8 in. lg (49 each used) SH Coml	
H17		SCREW: machine, slot dr, bind hd, brs, nickel pl, No. 6-32, 1/4 in. lg (59 each used) MFP Coml	
H18		SCREW: set, hex socket dr, cup point, steel, Cd pl, No. 6-32, 1/8 in. lg (9 each used) PK Coml	
H19		SCREW: set, hex socket dr, cup point, steel, Cd pl, No. 6-32, 3/8 in. lg (2 each used) PK Coml	
H20		SCREW: machine, slot dr, bind hd, brs, nickel pl, No. 6-32, 1/2 in. lg (2 each used) MFP Coml	