



# MARCONI



## RADIOTRONS

### TUBE SUBSTITUTION LIST

2874

### CANADIAN MARCONI COMPANY

Marconi Building  
MONTREAL

*Branches:*  
VANCOUVER - WINNIPEG - TORONTO  
HALIFAX - ST. JOHN'S, NFLD.

**W**ar demands for radio tubes, plus the growing scarcity of essential materials, has restricted the supply of tubes available for servicing home sets.

In order that you may give the best possible service to owners of home radio sets, the following list of direct and possible substitutions has been prepared. Follow this when replacements are necessary.

When replacing weak or worn out tubes, use Marconi RVC Radiotrons for longer life, greater power, better tone.

*They are made and guaranteed by*

**MARCONI**

*The Greatest Name in Radio*

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
00A	..	..	..	x
01A	..	01B	4	x
	..	01C	..	..
01AA	..	..	..	x
01B	..	01C	4	..
01C	..	..	..	..
0A4G	..	..	..	..
0Z3	..	0Z4	2	x
	..	0Z4G	..	..
0Z4	..	OZ4G	..	..
0Z4G	..	0Z4	..	..
1A1	Resistor	..	..	x
1A1/5E1	Resistor	..	..	x
1A4P&T	..	1D5GP&T	2	..
1A5G	1A5GT/G	..	..	x
1A5GT	1A5GT/G	..	..	..
1A6	1A6S	1D7G	2	..
1A6S	1A6	..	..	..

### KEY NUMBERS

- 1 Requires wiring change;
- 2 Requires socket change;
- 3 May require shielding;
- 4 May require components or adjustments besides those of Nos. 1, 2 or 3;
- 5 Where space permits.

**Note:**—When other than audio or rectifier types are replaced, realignment of the receiver is recommended.

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
1A7G	1A7GT	..	..	..
1A7GT	1A7G	..	5	..
1B1	Resistor	..	..	x
1B4	..	1A4P	4	..
1B4/951	..	1A4P	4	..
1B4P	..	1A4P	4	x
1B5/25S	..	1H6G	2	..
1B7G	..	1A7G	4	..
1B8GT	..	..	..	x
1C1	Resistor	..	..	x
1C4	..	..	..	x
1C5G	1C5GT/G	..	..	..
1C5GT	1C5G	..	5	..
..	1C5GT/G	..	..	..
1C6	1C6S	1C7G	2	..
1C6S	1C6	..	..	..
1C7G	1C7M	1C6	2	..
1C7M	1C7G	..	..	..
1D1	Resistor	..	..	x
1D2	Resistor	..	..	x
1D4	..	..	..	x
1D5GP&T	..	1A4P&T	2	..
..	..	34M	3	..
1D7G	..	1A6	2	..
..	..	1A6S	2	..
1D8GT	..	..	..	..
1E1	Resistor	..	..	x
1E2	Resistor	..	..	x
1E4G	..	..	..	x
1E5G	..	1A4P	4	x

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
1E5GP&T	..	..	1A4P&T	4
1E7G	..	..	2-1F5G	4
1F1	Resistor	..	..	x
1F4	..	..	1F5G	2
1F5G	..	..	1F4	2
1F6	..	..	1F7G	2
1F7G	..	..	1F6	2
1F7GH	1F7G	..	..	x
1F7GV	1F7G	..	..	x
1F7M	1F7G	..	..	..
1G1	Resistor	..	..	x
1G4G	1G4GT/G	..	..	..
1G4GT	1G4G	..	5	..
..	1G4GT/G	..	..	..
1G5G	..	..	..	..
1G5GT/G	1G5G	..	5	x
1G6G	1G6GT/G	..	..	x
1G6GT	1G6GT/G	..	..	x
1G7GT/G	..	..	..	x
1H4G	..	30	2	..
1H5G	1H5GT	..	..	..
1H5GT	1H5G	..	5	..
1H6G	..	..	1B5/25S	2
IJ1	Resistor	..	..	x
IJ5G	..	..	1G5G	4
IJ6G	..	..	19	2
IK1	Resistor	..	..	x
IK4	..	..	..	x
IK5G	..	..	..	x
IK6	..	..	..	x

Type	Substitutions			Key No.	Not Now Available
	Direct	Possible			
1K7G	..	..			x
1L1	Resistor	..			x
1L5G	..	..			x
1L5GT	..	..			x
1LA4	..	1A5G	2		
1LA6	..	1A7G	4		
1LB4	..	..			
1LB6	..	..			x
1LC5	..	..			x
1LC6	..	..			
1LD5	..	..			
1LE3	..	..			
1LH4	..	1H5G	2		
1LN5	..	1N5G	4		
1M5G	..	..		x	
1N1	Resistor	..		x	
1N5G	1N5GT	..			
1N5GT	1N5G	..	5		
1N6G	..	..		x	
1N6GT	..	..		x	
1P1	Resistor	..		x	
1P5G	1P5GT	..			
1P5GT	1P5G	..	5		
1P5M	1P5M	..			
1P5M	..	1P5G	3		
1Q1	Resistor	..		x	
1Q5G	1Q3GT/G	..		x	
1Q5GT	1Q5GT/G	..			
1R1G	Resistor	..		x	
1R4	..	..		x	

Type	Substitutions			Key No.	Not Now Available
	Direct	Possible			
1R5	..	..			
1S1G	Resistor	..			x
1S4	..	..			
1S5	..	..			
1T1G	Resistor	..			x
1T4	..	..			
1T4GT	..	..			x
1T5G	..	..			x
1T5GT	..	..			
1U1	Resistor	..			x
1V	..	..			
1W1	Resistor	..			x
1Y1	..	..			x
1Z1	..	..			x
2	..	..			x
2A3	..	..			
2A3H	2A3	..			x
2A4G	..	..			
2A5	..	..			
2A6	..	..			
2A7	..	..			
2A7S	..			2A7	x
2B6	..	..			x
2B7	..	..			
2B7S	..			2B7	x
2E5	..	..			x
2G5	..	..			x
2S/4S	..	..			x
2W3	..			2X3	x
2W3GT	..			2X3	x

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
2X3	..	2W3	4	..
2Y3	..	..	..	..
2Y4	..	..	..	x
2Z2	..	..	..	x
2Z2/G84	..	..	..	x
3	Resistor	..	..	x
3A8GT	..	..	..	..
3B8GT	..	..	..	x
3C5GT	..	..	..	x
3LE4	..	..	..	x
3Q4	..	..	..	x
3Q5G	3Q5GT/G	..	..	x
3Q5GT	3Q5GT/G	..	..	..
3S4	..	..	..	..
3S5	..	..	..	x
4	Resistor	..	..	x
4A1	Resistor	..	..	x
4A6G	..	..	..	x
5	Resistor	..	..	x
5T4	..	5U4G	4	x
..	..	5X4G	..	..
5U4G	..	5X4G	4	..
5V3G	..	..	..	x
5V4G	..	83V	2	..
5W4	5W4GT/G	..	..	x
5W4G	5W4GT/G	..	..	x
5W4GT	5W4GT/G	..	..	..
5X3	..	..	..	x
5X4G	..	5U4G	4	..
5Y3G	..	80	4	..

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
5Y4G	..	80	4	..
5Z3	..	5U4G	4	..
..	..	5X4G	..	..
5Z4	5Z4GT/G	..	..	..
5Z4G	5Z4	..	..	x
..	5Z4GT/G	..	..	..
5Z4GT/G	5Z4	..	..	..
5Z4MG	5Z4	..	..	x
..	5Z4GT/G	..	..	..
6	Resistor	..	..	x
6A3	..	6A5G	..	..
..	..	6B4G	4	..
6A4	..	6K6G	..	..
..	..	6K6GT/G	4	x
6A4/LA	..	6K6G	4	x
..	..	6K6GT/G	..	..
6A5G	..	6A3	4	x
..	..	6B4G	..	..
6A6	..	79	4	..
6A6X	6A6	..	..	x
6A7	6A7S	..	6A8	2
..	..	..	6A8G	..
..	..	..	6A8GT	..
6A7M	6A8	..	..	..
..	..	6A8G	..	..
..	..	6A8GT	..	..
6A7S	6A7	..	..	..
6A8	6A8G	..	..	..
..	..	6A7M	..	..
..	..	6A8GT	..	..

Type	Substitutions			Key No.	Not Now Available
	Direct	Possible			
6A8G	6A8	..	..	..	..
..	6A8GT	..	..	..	..
..	6A7M	..	..	..	..
6A8GT	6A8	..	..	..	..
..	6A8G	..	5	..	..
..	6A7M	..	5	..	..
6A8MG	6A8	..	..	x	..
..	6A8G	..	..	..	..
..	6A8GT	..	..	..	..
6AB5	6AB5/6N5	..	..	x	..
6AB5/6N5	..	..	..	..	..
6AB6G	..	6K6G	4	x	..
..	..	41M	4	..	..
..	..	6K6GT/G	..	..	..
6AB7/1853	..	..	..	..	..
6AC5G	6AC5GT/G	..	..	x	..
6AC5GT	6AC5GT/G	..	..	..	..
6AC6G	6N6G	..	..	x	..
6AC6GT	6N6G	..	5	x	..
6AC7/1852	..	..	..	..	..
6AD5G	..	..	..	x	..
6AD5GT	..	..	..	x	..
6AD6G	..	6AF6G	4	x	..
6AD7G	..	..	..	..	..
6AE5G	6AE5GT/G	..	..	x	..
6AE5GT	6AE5GT/G	..	..	x	..
6AE6G	..	..	..	x	..
6AE7GT	..	6SN7GT	4	x	..
6AF5G	..	..	..	x	..
6AF6G	..	..	..	..	..

Type	Substitutions			Key No.	Not Now Available
	Direct	Possible			
6AF6GT	6AF6G	..	..	5	x
6AF7G	..	..	..	..	x
6AG5GT	..	..	..	..	x
6AG6G	..	..	..	..	x
6AG7	..	..	..	..	..
6AH5G	..	..	..	..	x
6AL6G	..	..	..	..	x
6B4G	..	6A3	2	..	..
6B5	..	6N6G	2	..	..
6B6	..	6B6G	2	x	..
6B6G	6Q7G	..	..	..	..
6B7	..	6B8	2	..	..
..	..	6B8G	..	..	..
6B7M	..	6B8	4	..	..
..	..	6B8G	..	..	..
6B7S	..	6B7	3-4	..	..
6B8	6B8G	..	5	..	..
6B8G	6B8	6B7M	4	..	..
6B8GT	6B8	..	5	x	..
..	6B8G	..	..	..	..
6C5	6C5G	..	5	..	..
..	6C5GT	..	..	..	..
6C5G	6C5	..	..	..	..
..	6C5GT	..	..	..	..
6C5GT	6C5	..	5	..	..
..	6C5G	..	..	..	..
6C5MG	6C5	..	..	..	x
..	6C5G	..	..	..	..
6C6	..	6J7	4	..	..

		Substitutions		Not Now Available	
Type	Direct	Possible	Key No.		
..	..	77M	4	..	
..	..	6J7G	..	..	
..	..	77	..	..	
6C7	..	6R7	4	x	
..	..	6R7M	4	..	
..	..	6R7G	..	..	
6C8G		..	..	..	
6C8GT	6C8G	..	..	x	
6D5G	..	..	..	x	
6D5MG	..	..	..	x	
6D6	..	6U7G	2	..	
..	..	6T6M	2	..	
6D6G	..	..	..	x	
6D7	..	6C6	2	x	
6D8	..	..	..	x	
6D8G	..	6A7M	4	..	
..	..	6A8	4	..	
..	..	6A8G	..	..	
6E4GT	..	..	..	x	
6E5	6U5/6G5	..	..	..	
6E6	..	..	..	x	
6E7	..	6D6	2	x	
..	..	6T6M	2	..	
6E8G	..	..	..	x	
6F5	6F5G	..	5	..	
..	6F5M	..	5	..	
..	6F5GT	..	..	..	
6F5G	6F5	..	..	..	
..	6F5M	..	..	..	
..	6F5GT	..	..	..	

		Substitutions		Not Now Available	
Type	Direct	Possible	Key No.		
6F5GT	6F5	..	5	..	
..	6F5G	..	..	..	
..	6F5M	..	5	..	
6F5M	6F5	..	..	..	
..	6F5G	..	..	..	
6F5MG	6F5	..	..	..	x
..	6F5G	..	..	..	
6F6	6F6G	42	2-5	..	
..	6F6M	..	..	..	
6F6G	6F6	42	2	..	
..	6F6M	..	..	..	
6F6M	6F6	42	2	..	
..	6F6G	..	..	..	
6F7	..	6P7G	2	..	
6F7M	..	..	..	..	
6F7S	..	6F7	3	..	
6F8G	..	..	..	..	
6G5	6U5/6G5	..	..	x	
6G6G	..	..	..	..	
6G7S	..	..	..	..	
6H4G	..	..	..	x	
6H5	6U5/6G5	..	..	x	
6H6	6H6GT/G	..	..	..	
6H6G	6H6	..	..	x	
..	6H6GT/G	..	..	..	
6H6GT	6H6	..	..	..	
..	6H6GT/G	..	..	..	
6H7M	..	..	..	..	

Substitutions			Not Now Available	
Type	Direct	Possible	Key No.	Available
6H7S	..	..	..	..
6H8G	..	..	x	
6J5	6J5G	..	5	..
	6J5GT/G	..	..	
	6J5M	..	5	..
6J5G	6J5	..	..	
	6J5GT/G	..	..	
	6J5M	..	..	
6J5GT	6J5G	..	5	..
	6J5GT/G	..	..	
	6J5M	..	5	..
6J5GX	6J5	..	..	x
	6J5G	..	..	..
	6J5M	..	5	..
	6J5GT/G	..	..	
6J5M	6J5	..	..	
	6J5G	..	..	
	6J5GT/G	..	..	
6J6GT	..	..	x	
6J7	6J7G	..	5	..
	6J7GT	..	..	..
	77M	..	5	..
6J7G	6J7	..	..	
	6J7GT	..	..	..
	77M	..	..	
6J7GT	6J7	..	5	..
	6J7GT	..	..	
	77M	..	..	
6J7MG	6J7	..	..	x
	6J7G	..	..	..

Substitutions			Not Now Available	
Type	Direct	Possible	Key No.	Available
	6J7GT	..	..	
6J8G	6J8M	..	4	..
	..	..	..	
	6A8G	..	..	
	6A8GT	..	..	
6J8M	6J8G	..	..	
6K5G	6K5GT	..	..	
6K5GT	6K5G	..	5	..
6K6G	6K6GT/G	..	..	
	41M	..	..	
6K6GT	6K6G	..	5	..
	6K6GT/G	..	..	
	41M	..	5	..
6K6M/41M	6K6G	..	..	
	6K6GT/G	..	..	x
6K6MG	6K6G	..	..	
	6K6GT/G	..	..	
6K7	6K7G	..	5	..
	6K7GT	..	..	
	6K7M	..	..	
6K7GT	6K7	..	5	..
	6K7G	..	..	
	6K7M	..	5	..
6K7M	6K7	..	3	..
	6K7G	..	..	x
6K8	6K8G	..	5	..
	6K8GT	..	..	

Type	Substitutions	Key No.	Not Now Available
	Direct	Possible	
6K8G	6K8	..	..
..	6K8GT	..	..
6K8GT	6K8	..	..
..	6K8G	5	..
6L5G	..	..	..
6L6	6L6G	5	..
6L6G	6L6	..	..
6L6GT	6L6	5	x
..	6L6G	..	..
6L6GX	6L6	..	x
..	6L6G	..	..
6L7	6L7G	5	..
6L7G	6L7	..	..
6M6G	..	..	x
6M7G	..	..	x
6M8GT	..	..	x
6N5	6AB5/6N5	..	x
6N5G	..	..	x
6N6	6N6G	..	x
6N6G	..	6B5	2
6N6GT	6N6G	..	5
6N6MG	6N6G	..	x
6N7	6N7GT/G	..	..
6N7G	6N7	..	x
..	6N7GT/G	..	..
6N7GT	6N7	..	x
..	6N7GT/G	..	..
6P5G	6P5GT	..	..
..	86M	..	..
6P5GT	6P5G	5	..

Type	Substitutions	Key No.	Not Now Available
	Direct	Possible	
..	86M	..	5
6P6	..	..	x
6P7G	..	6F7	2
6P8G	..	..	x
6Q6	..	..	x
6Q6G	..	6T7G	4
6Q7	6Q7G	..	5
..	6Q7GT	..	..
6Q7G	6Q7	..	..
..	6Q7GT	..	..
6Q7GT	6Q7	..	5
..	6Q7G	..	..
6Q7MG	6Q7	..	x
..	6Q7G	..	..
..	6Q7GT	..	..
6R6G	..	..	x
6R7	6R7G	..	5
..	6R7GT	..	..
..	6R7M	..	5
6R7G	6R7	..	..
..	6R7GT	..	..
6R7M	6R7	..	..
..	6R7M	..	5
6R7GT	6R7G	..	..
..	6R7	..	..
6R7M	6R7G	..	..
..	6S5	..	x
6S6GT	..	..	x
6S7	6S7G	..	5

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
6S7G	6S7	..	..	..
6SA7	6SA7GT/G	..	..	..
6SA7GT	6SA7	..	..	..
..	6SA7GT/G	..	..	..
6SC7	..	..	..	..
6SD7GT	..	..	..	..
6SE7GT	..	..	..	x
6SF5	6SF5GT	..	..	..
6SF5GT	6SF5	..	..	..
6SF7	..	..	..	..
6SG7	..	..	..	..
6SJ7	6SJ7GT	..	..	..
6SJ7GT	6S7J	..	..	..
6SK7	6SK7GT/G	..	..	..
6SK7GT	6SK7	..	..	..
..	6SK7GT/G	..	..	..
6SL7GT	..	..	..	..
6SN7GT	..	..	..	..
6SQ7	6SQ7GT/G	..	..	..
6SQ7GT	6SQ7	..	..	..
..	6SQ7GT/G	..	..	..
6SR7	..	..	..	..
6SS7	..	..	..	..
6T5	6U5/6G5	..	x	..
6T6M	..	6U7G	4	..
6T7G	..	..	..	..
6U5	6U5/6G5	..	..	x
6U5/6G5	..	..	..	..
6U6GT	..	..	..	..
6U7G	..	6D6	2	..

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
..	..	..	6T6M	4 ..
6V4G	..	..	..	x
6V5G	..	..	..	x
6V6	6V6GT/G	..	5	..
..	6V6G	..	..	..
6V6G	6V6	..	..	..
..	6V6GT/G	..	..	..
6V6GT	6V6	..	5	..
..	6V6G	..	..	..
6V6GX	6V6GT/G	..	..	x
6V7G	..	85	2	x
..	..	85M	2	..
6W5G	..	6X5G	4	x
..	..	6X5GT/G	..	..
6W6GT	..	..	..	x
6W7G	..	6J7G	4	..
6X5	6X5G	..	5	x
..	6X5GT/G	..	..	..
6X5G	6X5GT/G	..	..	..
6X5GT	6X5G	..	5	..
..	6X5GT/G	..	..	..
6X6	..	..	..	..
6Y3G	..	..	..	x
6Y5	..	6X5G	1	x
..	6X5GT/G	..	..	..
6Y5G	..	6X5G	1	x
..	6X5GT/G	..	..	..
6Y5GT	..	6X5G	1	x
6Y5S	..	6X5GT/G	..	..
..	6X5G	..	..	x

Type	Direct	Substitutions		Key No.	Not Now Available
		Possible	Key No.		
6Y5V	..	6X5GT/G	..	..	
6Y6	6Y6G	6X5G	..	x	
6Y6G	..	6X5GT/G	..	..	
6Y6GT	6Y6G	..	5	..	
6Y7G	..	6N7	4	x	
6Z3	1V	6N7GT/G	..	..	
6Z4	84/6Z4	..	..	x	
6Z5	..	6X5G	1	x	
6Z5/12Z5	..	6X5GT/G	..	..	
6Z6MG	..	6N7	4	..	
6Z7G	..	6N7GT/G	..	..	
6ZY5G	..	6X5G	1	x	
7	Resistor	6SC7	4	x	
7A4	..	6SL7GT	..	..	
7A5	..	..	..	..	
7A6	..	..	..	..	
7A7	..	..	..	..	
7A7LM	7A7	..	..	x	
7A8	..	..	..	..	
7B4	..	..	..	..	

Type	Direct	Substitutions		Key No.	Not Now Available
		Possible	Key No.		
7B5	..	6K5G	4	..	
7B5LT	7B5	..	..	x	
7B6	..	75	4	..	
7B6LM	7B6	..	..	..	x
7B7	..	..	..	..	
7B8	..	..	..	..	
7B8LM	7B8	..	..	x	
7C5	..	..	..	..	
7C5LT	7C5	..	..	..	x
7C6	..	..	..	..	
7C7	..	..	..	..	
7D7	..	..	..	..	x
7E6	..	..	..	..	
7E7	..	..	..	..	
7F7	..	..	..	..	
7G7	7G7/1232	7G7/1232	..	..	x
7H7	..	..	..	..	
7J7	..	..	..	..	
7L7	..	..	..	..	
7N5	..	..	..	..	x
7Q7	..	..	..	..	
7R7	..	..	..	..	x
7V7	..	..	..	..	
7Y4	..	..	..	..	
8	Resistor	..	..	..	x
9	Resistor	..	..	..	x
10	..	..	..	..	
WD11	..	..	..	..	x
WD12	..	..	..	..	x

Type	Substitutions			Key No.	Not Now Available
	Direct	Possible	Key No.		
WX12	..	..	..	x	
12A				x	
12A5		6K6G	4	x	
		6K6GT/G	..	..	
12A7					
12A8G	12A8GT	..	..	..	
	12A8M	..	..	..	
	12A8MT	..	..	..	
12A8GT	12A8MT	..	..	..	
12A8M	12A8GT	..	..	..	
12A8MT	12A8GT	..	..	..	
12B6		12Q7GT	3	x	
12B6G	12B6MT	12Q7GT	..	..	
12B6M	12B6MT	12Q7GT	3	..	
12B6MT	12B6	12Q7GT	3	..	
12B7	14A7/12B7	..	..	x	
12B8GT		..	..	..	
12C8		..	..	..	
12C8GT		..	..	..	
12E5GT		..	..	x	
12F5GT		..	..	x	
12H6		..	..	..	
12J5G	12J5GT	..	..	x	
12J5GT		..	..	..	
12J7G	12J7GT	..	..	x	
12J7GT		..	..	..	
12K7G	12K7GT	..	..	x	
	12K7M	..	..	..	
12K7GT	12K7MT	..	..	..	
12K7M		12K7GT	3	..	

Type	Substitutions			Key No.	Not Now Available
	Direct	Possible	Key No.		
12K7MT	..	12K7GT	3	..	
12K8		..	..	..	
12K8GT	12K8	..	..	..	x
12Q7G	12Q7GT	12B6MT	3	x	
12Q7GT		12B6MT	3	..	
12S7GT		..	..	..	x
12SA7	12SA7GT/G	..	..	..	
12SA7G	12SA7	..	..	..	x
	12SA7GT/G	..	..	..	
12SA7GT	12SA7	..	..	..	
	12SA7GT/G	..	..	..	
12SC7	..	..	..	..	
12SC7GT	12SC7	..	..	..	x
12SF5	12SF5GT	..	..	..	
12SF5GT	12SF5	..	..	..	
12SF7	..	..	..	..	
12SG7	..	..	..	..	
12SJ7	12SJ7GT	..	..	..	
12SJ7GT	12SJ7	..	..	..	
12SK7	12SK7GT	..	..	..	
12SK7G	12SK7	..	..	..	x
	12SK7GT	..	..	..	
12SK7GT	12SK7	..	..	..	
12SL7GT	..	..	..	..	
12SQ7	12SQ7GT/G	..	..	..	
12SQ7GT	12SQ7	..	..	..	
	12SQ7GT/G	..	..	..	
12SR7	..	..	..	..	
12Z3	..	..	..	..	
12Z5	..	..	..	..	x

Type	Substitutions			Not Now Avail- able
	Direct	Possible	Key No.	
14	..	..	..	x
14A4	..	..	..	x
14A5	..	..	..	..
14A7	14A7/12B7	..	..	x
14A7/12B7	..	..	..	..
14B6	..	..	..	x
14B8	..	..	..	x
14C5	..	..	..	x
14C7	..	..	..	..
14E6	..	..	..	x
14E7	..	..	..	x
14F7	..	..	..	x
14H7	..	..	..	..
14J7	..	..	..	..
14N7	..	..	..	x
14Q7	..	..	..	..
14Y4	..	..	..	x
15	..	..	..	x
17	..	..	..	x
18	..	..	..	x
19	..	1V6G	2	..
20	..	..	..	x
R/AC20	..	..	..	..
20J8M	..	12K8	4	..
21B	..	..	..	..
22	..	..	..	..
24	24A	..	..	x
	24S	..	..	x
24A	24S	..	..	..
24S	24A	..	..	x

Type	Substitutions			Not Now Avail- able
	Direct	Possible	Key No.	
25A6	25A6GT/G	..	..	x
25A6G	25A6GT/G	..	..	x
25A6GT	25A6GT/G	..	..	..
25A7G	25A7GT/G	..	..	..
25A7GT	25A7GT/G	..	..	x
25AC5G	25AC5GT/G	..	..	..
25AC5GT	25AC5GT/G	..	..	x
25B5	..	25L6GT/G	4	x
25B6G	..	25L6GT/G	4	x
25B8GT	..	..	..	x
25C6G	..	..	..	..
25D8GT	..	..	..	x
25L6	25L6GT/G	..	..	x
25L6G	25L6GT/G	..	..	x
25L6GT	25L6GT/G	..	..	..
25N6G	..	25L6GT/G	4	x
25RE	..	..	..	x
25S	1B5/25S	..	..	x
25X6GT	..	25Z6GT/G	4	x
25Y4GT	..	..	..	x
25Y5	..	25Z6GT/G	4	x
25Z3	..	..	..	x
25Z4	..	..	..	..
25Z4GT	..	..	..	x
25Z5	..	25Z6GT/G	2	..
25Z5G	25Z5	..	..	x
25Z6	25Z6GT/G	..	..	..
25Z6G	25Z6	..	..	x
..	25Z6GT/G	..	..	..
25Z6GT	25Z6GT/G	..	..	..

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
	25Z6			
26				
27	27S			
27S		27	3	
29				x
30		1H4G	2	
R/AC30	56			
31		1G5G	4	x
32				
R/AC32				
32L7GT				
33				
34				
34M		1D5GP	3	
35A	51S			
35A5				
35A5LT	35A5			x
35L6G	35L6GT/G			x
35L6GT	35L6GT/G			
35RE				x
35S/51S	35A			
35Y4				
35Z3				
35Z3LT	35Z3			x
35Z4GT		35Z5GT/G	4	
35Z5G	35Z5GT/G			x
35Z5GT	35Z5GT/G			
35Z6GT				x
36				
37				

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
38				
39/44				
40				x
40Z5/45Z5GT				
41	41S		2	
		6K6G		
		6K6GT/G		
41M	6K6G			
	6K6GT/G			
41S	41			
42			2	
	6F6			
	6F6G			
	6F6M		2	
42S	42			
43			2	
	25A6			
	25A6GT/G			
45				
45A	45			x
45Z3				
45Z5GT	40Z5/45Z5GT			
R/AC45	45			
46	46S			
46A1				x
46B1				x
46S	46			
47	47S			
47S	47			
48				
49				
50				
50A5				

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
50C6G	..	..	..	x
50L6G	50L6GT/G	..	..	x
50L6GT	50L6GT/G	..	..	..
50Y6G	50Y6GT/G	..	..	..
50Y6GT	50Y6GT/G	..	..	..
50Z6G	..	..	..	x
50Z6GT	..	..	..	x
50Z7G	..	50Y6GT/G	4	x
51	35A	..	..	x
..	51S	..	..	..
51S	..	35A	3	..
52	..	..	..	x
53	..	6A6	4	..
55	55S	85	4	x
55S	55	..	..	x
56	56S	76	4	..
56AS	..	76	4	x
56S	..	56	3	x
57	57S	77	4	..
..	..	6C6	..	..
57AS	..	57	3	x
57S	..	57	3	..
58	58S	78	4	..
..	..	6D6	..	..
58AS	..	58	3	x
58S	..	58	3	..
59	..	..	..	..
64	..	..	..	x
65	..	..	..	x
68	..	..	..	x

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
69	..	..	..	x
70	..	..	..	x
70A7GT	..	..	..	x
70L6GT	..	..	..	x
70L7GT	..	..	..	..
71A	..	..	..	..
75	75S	..	..	..
75M	6Q7	..	..	..
..	6Q7G	..	..	..
75S	75	..	..	..
76	..	6P5G	2	..
77	..	6C6	4	..
77M	..	6J7	3	..
..	..	6J7G	..	..
78	78S	6D6	4	..
78S	78	..	..	..
79	..	6N7	4	x
..	..	6N7GT/G	..	..
80	..	5Y3G	4	..
..	..	5Y4G	..	..
81	..	..	..	..
82	..	..	..	..
82V	..	..	..	x
83	..	..	..	..
83V	..	5V4G	2	..
84/6Z4	84M	6X5G	2	..
..	..	6X5GT/G	..	..
84M	84/6Z4	..	..	..
84S	84/6Z4	..	..	..
85	85S	6V7G	3	..

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
85AS	..	..	..	x
85M	6V7G	..	..	..
85S	85	..	..	..
86M	6P5G	..	..	..
86S	76	..	..	..
87S	..	77	3	..
88M	6K7M	6K7	3	..
		6K7G	..	..
88S	78S	78	3	..
89	89S	..	..	..
89S	89	..	..	..
95	..	..	..	x
V99	..	..	..	x
X99	..	..	..	x
R100	..	..	..	..
117E4GT	..	..	..	..
117L7GT	117L7/M7GT	..	..	x
117M7GT	117L7/M7GT	..	..	x
117N7GT	..	..	..	..
117P7GT	117L7/M7GT	..	..	..
117Z6G	117Z6GT/G	..	..	x
117Z6GC	117Z6GT/G	..	..	x
117Z6GT	117Z6GT/G	..	..	..
R200	..	..	..	..
230S	30	..	..	..
233S	33	..	..	..
234S	..	34	3	..
401	..	..	..	x
427	..	..	..	..
485	..	27	4	x

Type	Substitutions		Key No.	Not Now Available
	Direct	Possible		
950	..	..	..	x
1232	7G7/1232	..	..	x
1852	6AC7/1852	..	..	x
1853	6AB7/1853	..	..	x
XXD	..	..	..	..
XXL	..	..	..	..
182B/482B	..	..	..	..
183/483	..	..	..	..

**Make Radio Tubes**  
**Last As Long**  
**As You Can**  
**Because**  
**Replacements**  
**Use Vital**  
**War Materials**