T26. TOSHIBA MODEL 8M-310

ALIGNMENT PROCEDURE

The following equipment is required for alignment :

1. Signal generator with a frequency range of at least from 455 KC to 1670 KC, AM.
2. Vacuum tube volt meter.
3. Oscilloscope with a wide range amplifier of approximately 100 KC.
4. Test loop, a coil of any size wire, one turn or more.
5. For alignment points, see schematic.

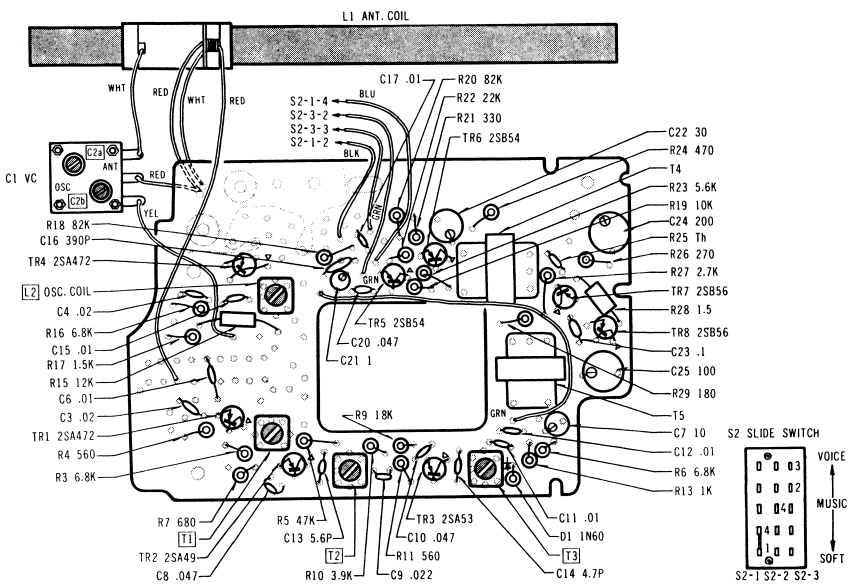
NOTES :

During alignment keep the signal generator outputs at the lowest level that will maintain a useable output from the set.

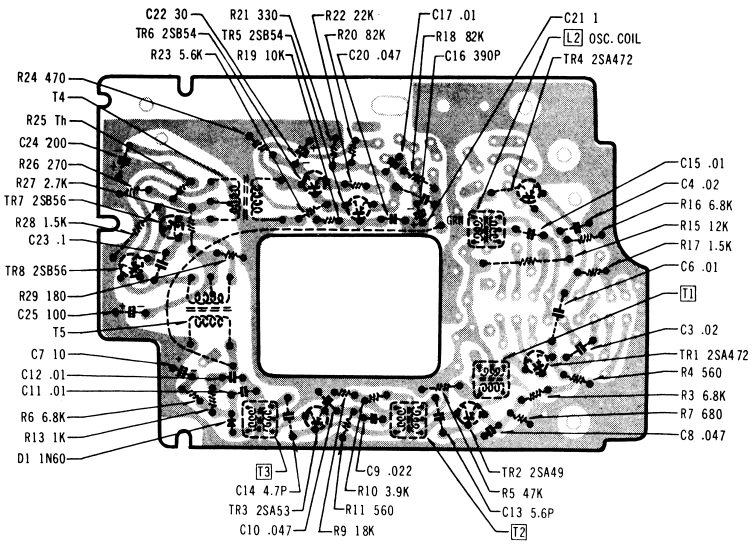
Ground connection of signal generator ·····chassis ground

Generator modulation (AM) ·····30%, 400%

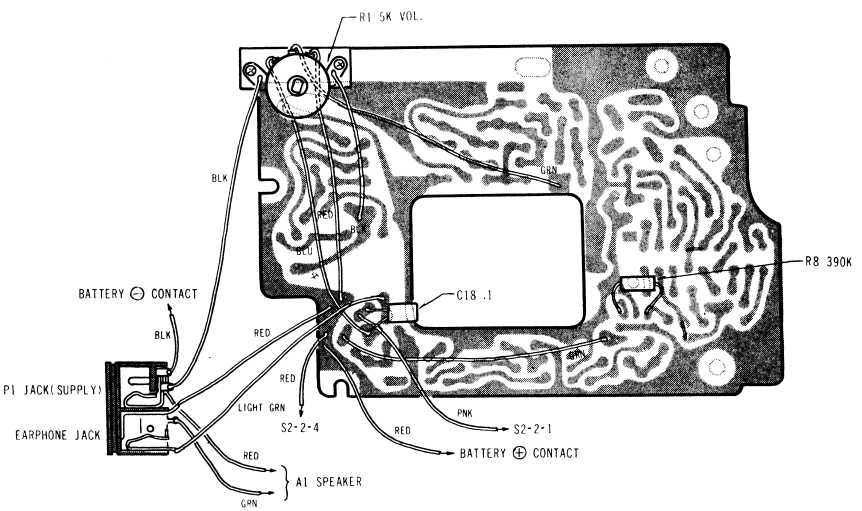
Step	Generator Connection	Generator Frequency	Band Setting	Position of Tuning Gang	Meter or Oscilloscope Connection	Adjustment	Remarks
				AM ALIGNMENT			
1.	Test loop	455 KC	MW	Tuning Gang fully closed	Across Voice Coil	T1, T2, T3	Adjust for maximum
2.	Same	520 KC	Same	Same	Same	L2	Same
3.	Same	1670 KC	Same	Tuning Gang fully opened	Same	C2b	Same
4.	Repeat Step 2 and 3						
5.	Same	600 KC	Same	600 KC	Same	L1	Same
6.	Same	1400 KC	Same	1400 KC	Same	C2a	Same
7.	Repeat Step 5 and 6						



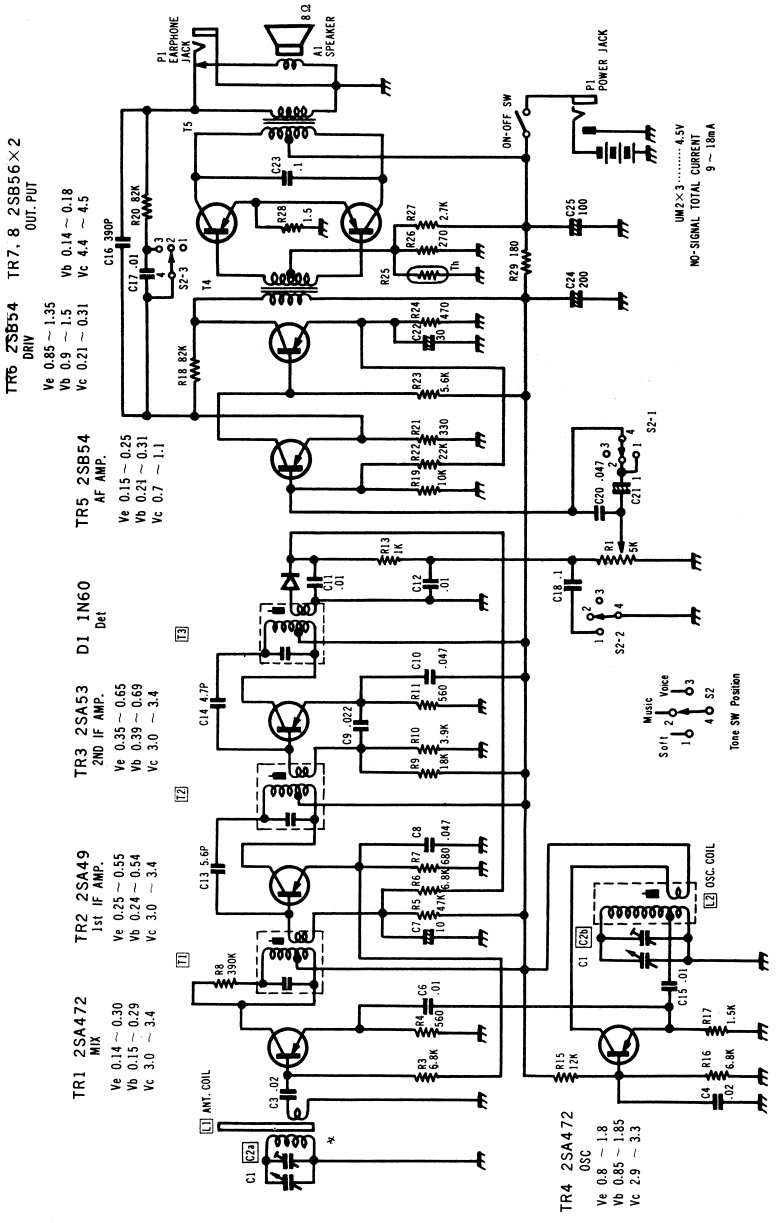
TOP VIEW



BOTTOM VIEW



BOTTOM VIEW OF WIRE CONNECTION



TOSHIBA TRANSISTOR RADIO SERVICE DATA

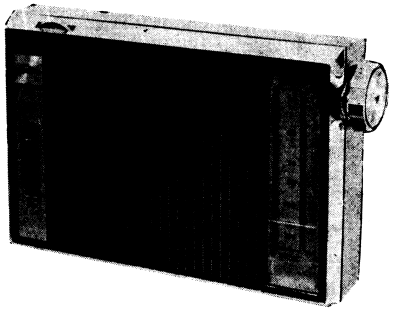
SPECIFICATIONS

FREQUENCY RANGE :	AM 530~1650 KC
INTERMEDIATE FREQUENCY :	455 KC
POWER SOURCE :	UM-2 ("C")×3···4.5V
POWER OUTPUT ·	500 mW (max.)
SPEAKER :	3" P.M.D. Type
ANTENNA :	Ferrite Core Antenna
JACKS :	Earphone Jack, External Power Jack

TRANSISTORS & DIODE :

TR 1	2 SA 472	MIXER
TR 2	2 SA 49	IF Aamplifier
TR 3	2 SA 53	IF Aamplifier
TR 4	2 SA 472	Oscillator
TR 5	2 SB 54	AF amplifier
TR 6	2 SB 54	Driver
TR7, TR8	2 SB 56	Power Amplifier
D 1	1 N 60	Detector

DIMENSIONS :	W···4¾" H···6⅞" D···1⅞"
WEIGHT :	2.6 Lbs (With Batteries)
ACCESSORIES :	Carrying Case, Earphone.



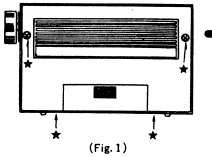
CHASSIS REMOVAL

1. Open the back cabinet by removing four screws marked (★) shown in the Fig 1.
2. Remove three screws and a stud marked (※) shown in the Fig 2.

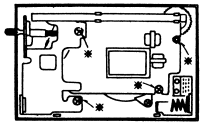
Carefully pull the chassis from the cabinet.

Remarks :

When separating the chassis, do not loosen any screw except the ones painted with white enamel.



(Fig. 1)



(Fig. 2)

DIAL CORD STRINGING

1. Set the variable capacitor to the minimum capacitance.
2. Set the cord as number in the diagram.