

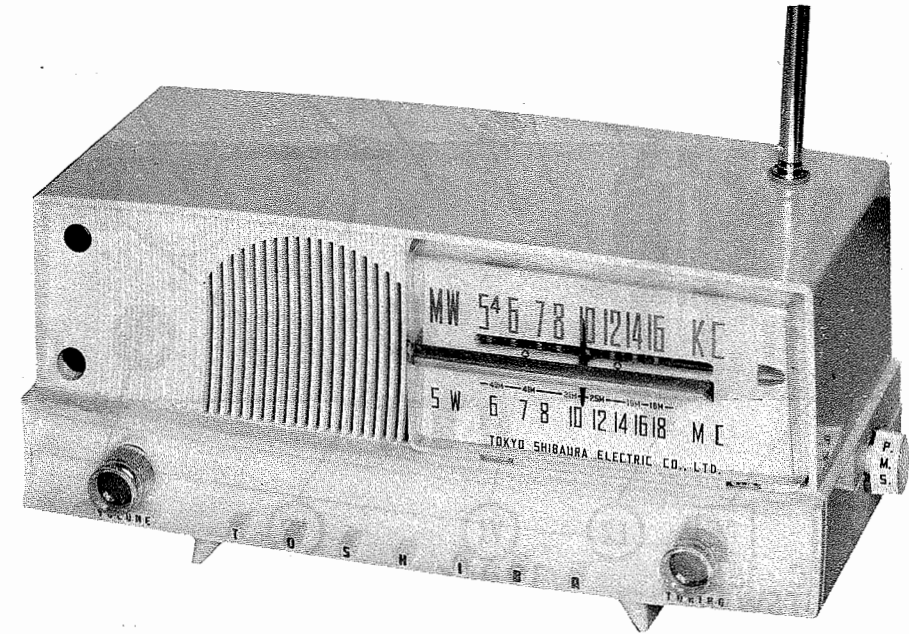
FOLDER 16
SET 560

PHOTOFACT® Folder



TOSHIBA MODEL
5LR-287

TOSHIBA MODEL
5LR-287



TRADE NAME Toshiba Model 5LR-287
IMPORTER Transistor World Corp., 52 Broadway, New York 4, N. Y.
TYPE SET AC-DC Operated 5 Tube BC-SW Receiver
POWER SUPPLY 110 - 120 Volts AC-DC RATING 27 Watts, .26 Amp. 117 Volts AC
TUNING RANGE - BROADCAST 540 - 1600KC SHORT WAVE 6-18MC

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading.
Suggested Alignment Tools: A1 thru A4... GENERAL CEMENT #9440
A5 thru A8... GENERAL CEMENT #5000, 5003, 5066, 8276, 8290, 9087, 9089
WALSCO #2512, 2525, 2528

| SIGNAL GENERATOR COUPLING | SIGNAL GENERATOR FREQUENCY | RADIO DIAL SETTING | OUTPUT METER | ADJUST | REMARKS |
|--|----------------------------|------------------------------|--------------------|----------------|--|
| 1. High side thru .1mfd to pin 7 (grid) of Converter. Low side to chassis. | 455KC (400v Mod.) | (MW) Tuning gang fully open. | Across voice coil. | A1, A2, A3, A4 | Adjust for maximum output. |
| 2. Loop | 18MC | (SW) 18MC | " | A5, A6 | Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output. |
| 3. " | 1600KC | (MW) 1600MC | " | A7, A8 | " |

HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana

The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of KG747



DATE 12 - 61

SET 560

FOLDER 16

TOSHIBA MODEL
5LR-287

SET 560
FOLDER 16

PARTS LIST AND DESCRIPTIONS
 WIRING DATA

General-use Unshielded Hook-up Wire Use BILDEN No. 8530 (Solid) Available in Ten Colors
 Power Cord Use BILDEN No. 1765-B (6 Ft. Length)
 Use BILDEN No. 1725-K (7½ Ft. Length)

TUBES

| GENERAL ELECTRIC • RAYTHEON • SYLVANIA • | | | |
|--|------------------|-------|------------------|
| ITEM No. | USE | TYPE | TYPE |
| V1 | Converter | 12BE6 | Output Rectifier |
| V2 | IF Amplifier | 12BA6 | |
| V3 | Del. AVC-AF Amp. | 12AV6 | |

ELECTROLYTIC CAPACITORS

| REPLACEMENT DATA | | | |
|------------------|--------|---------|----------|
| ITEM No. | RATING | REMARKS | TYPE |
| C1A | 150 | AFR2-16 | TVL-2435 |
| C1B | 150 | AFR2-16 | TVL-2435 |

FIXED CAPACITORS

| REPLACEMENT DATA | | | |
|------------------|-----------|-----------|---------|
| ITEM No. | RATING | REMARKS | TYPE |
| C2A | 200 | TCZ-200 | IPM-32 |
| C2B | 200 | TCZ-200 | 6TM-D10 |
| C2C | 200 | TCZ-200 | 4TM-S50 |
| C2D | 200 | TCZ-200 | IPM-31 |
| C3 | .001 400V | 1468-0002 | MS-336 |
| C4 | .005 400V | P488N-001 | 4TM-S20 |
| C5 | .005 400V | P488N-001 | IPM-32 |
| C6 | 100 | 1468-0001 | 4TM-S20 |
| C7 | 385 8% | 1468-0001 | IPM-32 |
| C8 | 450 2.5% | 1468-0001 | 4TM-S20 |
| C9 | .02 400V | P488N-002 | 4TM-S20 |
| C10 | .01 150V | P488N-002 | 4TM-S20 |
| C11 | .01 150V | P488N-002 | 4TM-S20 |
| C12 | .005 150V | P488N-002 | 4TM-S20 |
| C13 | .005 150V | P488N-002 | 4TM-S20 |
| C14 | .02 150V | P488N-002 | 4TM-S20 |
| C15 | .01 150V | P488N-002 | 4TM-S20 |
| C16 | .01 150V | P488N-002 | 4TM-S20 |
| C17 | .05 400V | P488N-003 | 4TM-S20 |
| C18 | .05 400V | P488N-003 | 4TM-S20 |

CONTROLS

| REPLACEMENT DATA | | | |
|------------------|--------|---------|--------------|
| ITEM No. | RATING | REMARKS | TYPE |
| R1A | 500K | AB-80 | Volume |
| R1B | 500K | AB-80 | Power Off-On |
| R1C | Switch | AB-80 | Power Off-On |

RESISTORS

| REPLACEMENT DATA | | | |
|------------------|--------|---------|---------|
| ITEM No. | RATING | REMARKS | TYPE |
| R2 | 680 | BC-356 | 4TM-S20 |
| R3 | 22K | BC-357 | 4TM-S20 |
| R4 | 220K | BC-357 | 4TM-S20 |
| R5 | 47K | BC-357 | 4TM-S20 |
| R6 | 2.2meg | BC-357 | 4TM-S20 |
| R7 | 4.7meg | BC-357 | 4TM-S20 |

PARTS LIST AND DESCRIPTIONS (Continued)

COILS (RF-IF)

| REPLACEMENT DATA | | | |
|------------------|-----------|---------|---------|
| ITEM No. | USE | REMARKS | TYPE |
| L1 | SW Ant. | BC-356 | 4TM-S20 |
| L2 | Loopstick | BC-357 | 4TM-S20 |
| L3 | SW Osc. | BC-357 | 4TM-S20 |
| L4 | BC Osc. | BC-357 | 4TM-S20 |
| L5 | Input IF | BC-357 | 4TM-S20 |
| L6 | Output IF | BC-357 | 4TM-S20 |

TRANSFORMER (AUDIO OUTPUT)

| REPLACEMENT DATA | | | |
|------------------|-----------|---------|------|
| ITEM No. | IMPEDANCE | REMARKS | TYPE |
| T1 | 3300Ω | A-2928 | 4A07 |

SPEAKER

| REPLACEMENT DATA | | | |
|------------------|------|----------|------|
| ITEM No. | TYPE | REMARKS | TYPE |
| SP1 | 4" | SP-4002B | 4A07 |

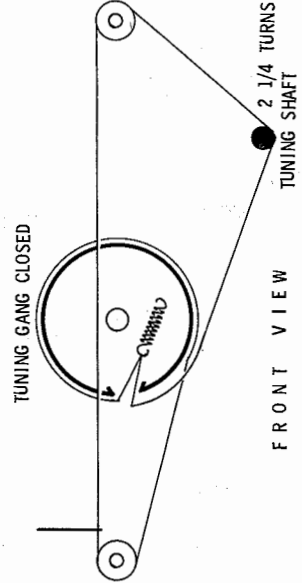
FUSES

| REPLACEMENT DATA | | | |
|------------------|--------|---------|-------|
| ITEM No. | RATING | REMARKS | TYPE |
| M1 | 8AG | 362001 | AGX 1 |

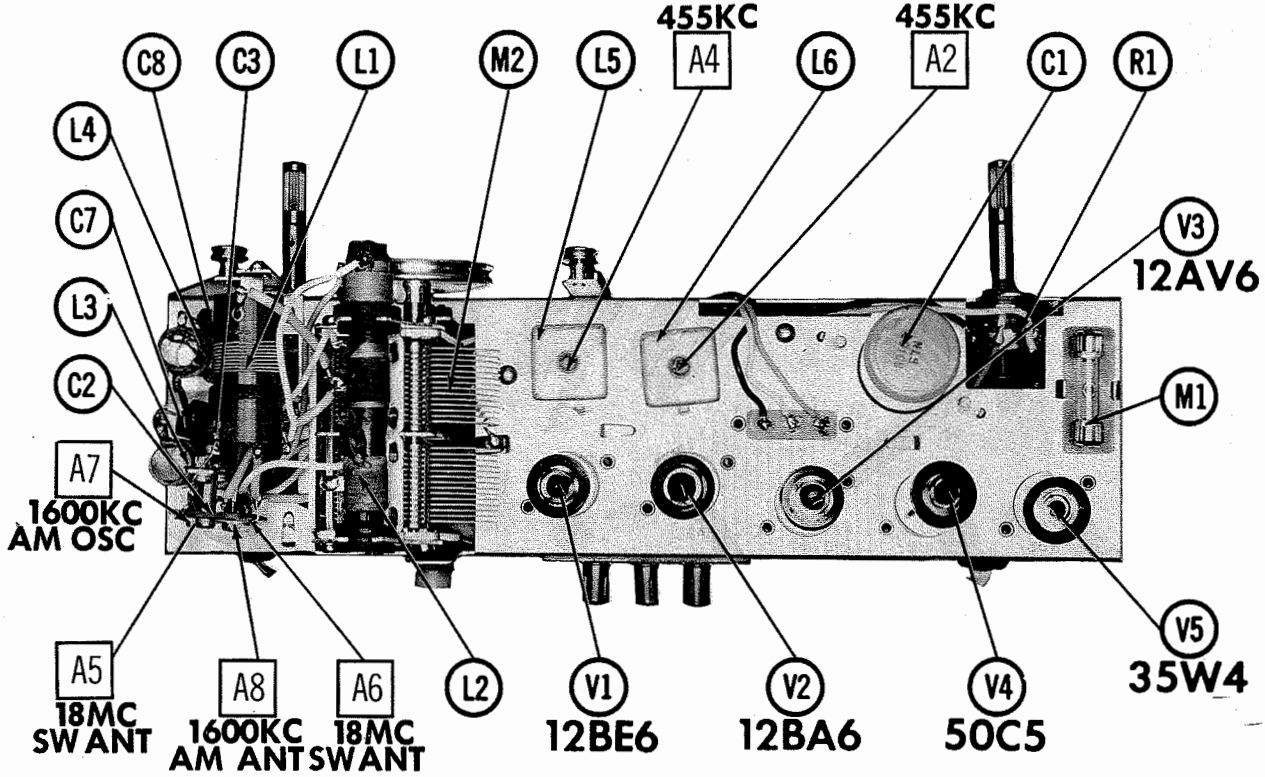
MISCELLANEOUS

| REPLACEMENT DATA | | | |
|------------------|-------------|---------------------------------------|-------|
| ITEM No. | PART NAME | REMARKS | TYPE |
| M2 | Tuning Cap. | 2 Gang | AGX 1 |
| M3 | Switch | Function Selector (Rotary Water Type) | AGX 1 |

DIAL CORD STRINGING



CHASSIS—TOP VIEW



CHASSIS—BOTTOM VIEW

