

**SCHEMATIC OF THE
HEATHKIT®
AUTO-TUNE ANTENNA TUNER
MODEL SA-2500**

Part of 595-3027-1

Copyright © 1984
Heath Company
All Rights Reserved
Printed in the United States of America

NOTES:

- COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:
1-99 COMPONENTS MOUNTED ON THE CHASSIS.
101-199 COMPONENTS MOUNTED ON THE SENSOR CIRCUIT BOARD.
201-299 COMPONENTS MOUNTED ON THE DISPLAY CIRCUIT BOARD.
301-599 PARTS MOUNTED ON THE MAIN CIRCUIT BOARD.
- ALL RESISTORS ARE 1/4-WATT, 5% TOLERANCE UNLESS OTHERWISE NOTED.
RESISTOR VALUES ARE IN OHMS; K=1000; M=1,000,000.
- CAPACITORS LESS THAN 1 ARE IN UF (MICROFARADS). ALL OTHER CAPACITORS
ARE IN pF (PICOFARADS) UNLESS OTHERWISE NOTED.
- COAX SWITCH SW101 IS SHOWN IN THE FULLY COUNTERCLOCKWISE
(BYPASS) POSITION.
- ARROWS AT CONTROLS INDICATE A CLOCKWISE ROTATION AS VIEWED FROM THE
SHAFT END OF THE CONTROL.

- THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASURED WITH A
HIGH IMPEDANCE VOLT-METER FROM THE POINT INDICATED TO CHASSIS
GROUND.
- THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.
- THIS SYMBOL INDICATES A CHASSIS GROUND.
- THIS SYMBOL INDICATES A WIRED CONNECTION TO A CIRCUIT BOARD.
- PARTS IN THE SHADED AREAS ARE CRITICAL TO CONTINUED SAFETY.
REPLACE ONLY WITH THE SAME RATED PART, OR WITH THE CORRECT
HEATH COMPANY PART.

