DIAGRAMS AND CIRCUIT BOARD ILLUSTRATIONS

Symbols and Reference Designators

Electrical components shown on the diagrams are in the following units unless noted otherwise:

- Capacitors = Values one or greater are in picofarads (pF).
- Values less than one are in microfarads (µF).
- Resistors = Ohms (Ω)

Symbols used on the diagrams are based on USA Standard Y32.2-1967.

Logic symbology is based on MIL-STD-806B in terms of positive logic. Logic symbols depict the logic function performed and may differ from the manufacturer’s data.

The following special symbols are used on the diagrams:

- External Screwdriver adjustment.
- External control or connector.
- Clockwise control rotation in direction of arrow.
- Refer to diagram number indicated in diamond.
- Refer to waveform number indicated in hexagon.
- Connection soldered to circuit board.
- Connection made to circuit board with interconnecting pin.
- Blue tint encloses components located on circuit board.

The following prefix letters are used as reference designators to identify components or assemblies on the diagrams.

A Assembly, separable or repairable (circuit board, etc.)
AT Attenuator, fixed or variable
B Motor
BT Battery
C Capacitor, fixed or variable
CR Diode, signal or rectifier
DL Delay line
DS Indicating device (lamp)
F Fuse
FL Filter
H Heat dissipating device (heat sink, heat radiator, etc.)
HR Heater
J Connector, stationary portion
K Relay
L Inductor, fixed or variable
LR Inductor/resistor combination
M Meter
Q Transistor or silicon-controlled rectifier
P Connector, movable portion
R Resistor, fixed or variable
RT Thermistor
S Switch
T Transformer
TP Test point
U Assembly, inseparable or non-repairable (integrated circuit, etc.)
V Electron tube
VR Voltage regulator (zener diode, etc.)
Y Crystal
Fig. 8-17. A15 Partial Transformer board.

Fig. 8-18. A15 Transformer board.

Refer to diagram 15.
Fig. 8-20. A14 Inverter board.

Fig. 8-21. A16 Line Filter board.
Fig. 8-23. A12 Partial Timing switch board.