

“DATASPEED\*” 40 DISPLAY MONITOR

WIRING

CONTENTS	PAGE
1. GENERAL .....	1
2. ACTUAL WIRING DIAGRAM .....	2
3. SCHEMATIC WIRING DIAGRAM ..	3
1. GENERAL	
1.01 This section provides actual and schematic wiring diagram information for the DATASPEED 40 display monitor.	
1.02 ♦This section is reissued to include changes to the interface/amplifier assembly, a new Q4 transistor, a new power distribution assembly and grounding information between the set power	

supply and display monitor. Revision arrows are used to emphasize the more significant changes. ♦

1.03 Detailed actual and schematic wiring diagrams and circuit descriptions for the DATASPEED 40 display monitor are provided in Wiring Diagram Package WDP0400.

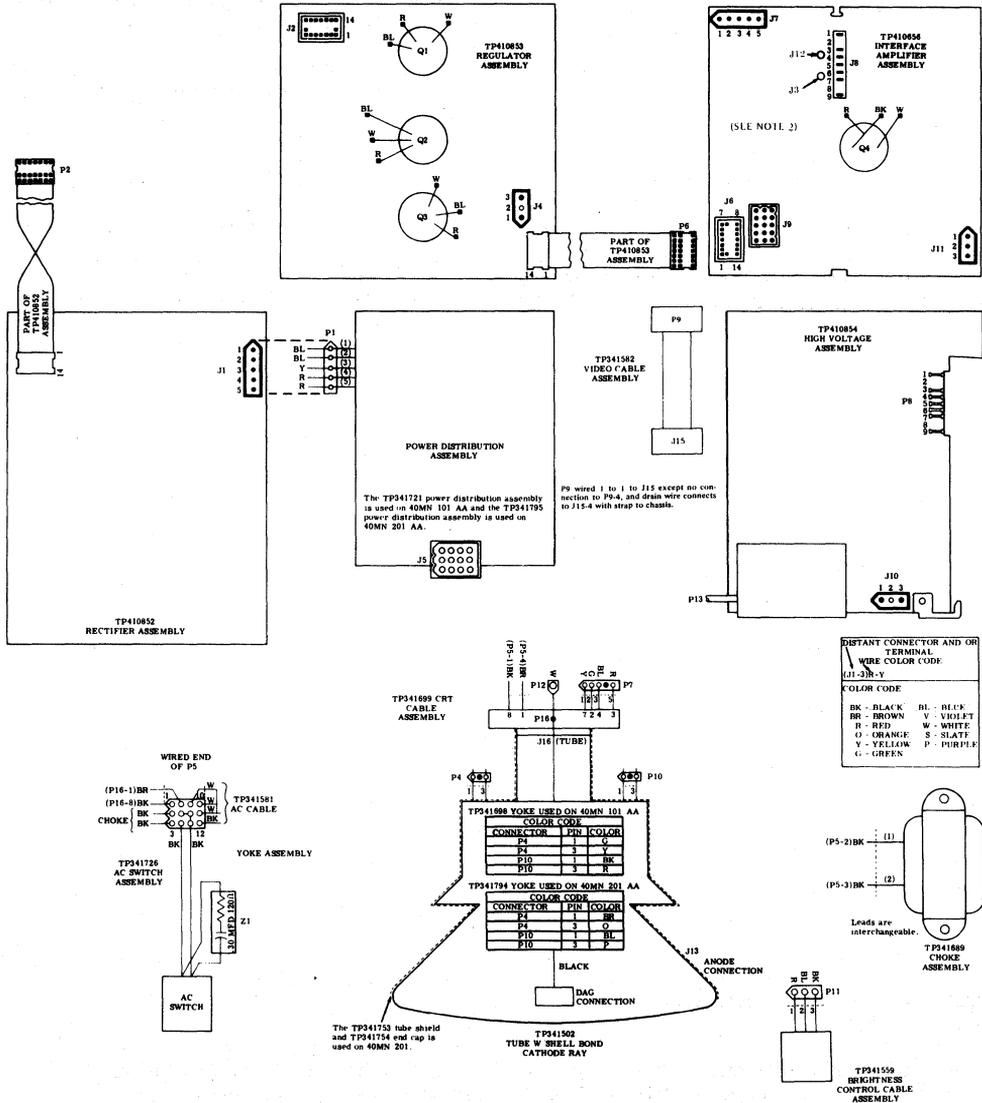
*Note:* Frame grounding of circuit common is provided physically in the set power supply for display monitors with serial no. 10,000 up and in lower serial numbered monitors which have 403594 modification kit installed. Display monitors and 40PSU101 power supplies with serial numbers below 10,000 were originally manufactured to provide frame ground in the display monitor. The two grounding arrangements are not compatible and should not be mixed within a set (reference TCNs 2097 and 2220).

\*Registered Trademark of AT&TCo.

2. ACTUAL WIRING DIAGRAM

Note 1: Transistors Q1, Q2, Q3, and Q4 are mounted on the heat sink.

Note 2: Issue 4P of the 410656 circuit card, hole J3 was added to accommodate connection to heat sink via added 181243 screw.



**Note 1:** Frame grounding of circuit common is provided physically in the set power supply for display monitors with serial No. 10,000 up, and in lower serial numbered monitors which have a 403594 modification kit installed. Display monitor and 40PSU101 power supplies with serial numbers below 10,000 were originally manufactured to provide frame ground in the display monitor. The two grounding arrangements are not compatible and should not be mixed within a set (reference 582-213-100).

**Note 2:** Transistor Q4 part number 406306 can only be used with 410656 Issue 5A or later, incorporating R39 part number 406292 horizontal video centering control. Transistor Q4 part number 341570 can be used with any issue 410656 card.

