

TITLE: VS-10 Causes Occasional Servo Instability

I. APPLICABILITY

All VS-10's using interconnect cable 4050738-01.

II. PURPOSE

Early VS-10 interconnect cables caused capstan servo instability occasionally. This modification completely eliminates the problem.

III. DISCUSSION

The existing interconnect cable must be rewired using existing wiring in the harness. A capacitor is removed from the connector shell and two resistors are substituted.

IV. PARTS LIST AND TOOLS REQUIRED

2 each resistors 47 OHM, 1/4W, 5% comp., P/N 041-425.

V. PROCEDURE

On interconnect cable 4050738-01:

- 1) Remove and discard capacitor C1 (30PF) from PINS 1 and 3 of P4.
- 2) Remove wire on P4-1 and move to P4-7 as shown in fig. 1.
- 3) Remove wire on P4-2 and move to P4-8 as shown in fig. 1.
- 4) Add 2 resistors R1 and R2 (47 OHM, 1/4W, 5%) P/N 041-425 to P-4 as shown in fig. 1.
- 5) The harness shielding will attach at one end only.

FIELD ENGINEERING BULLETIN

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