

Service Aids

Tailgate Connector

Two gate assemblies, called tailgates, are in the rear of the frame. The tailgates are identified as gate E (top) and gate F (bottom). Two types of coaxial block connectors are used in the tailgate. One type is a 20-position connector; the other, a 40-position connector. These connectors are illustrated in Figure 6.

Make sure that all pins are clean and straight and that the latch is fully engaged, when trouble is suspected with a tailgate connector.

To attach terminals for use in the 40-pin block (biscuit) connectors, proceed as shown in Figure 37. To attach terminals for use in the 20-position coaxial block (biscuit) connectors, proceed as shown in Figure 38.

Ventilating System

The ventilating system has three parts: motor, blower, and filter. Figure 39 shows a typical motor-blower assembly.

MOTOR

The ventilating system motor is a 3-phase, 230-volt, 60-cycle induction motor. The speed is 3400 RPM at 1/30 HP.

The motor is wired with color coded four-wire lead: blue for phase 1, black for phase 2, red for phase 3, and

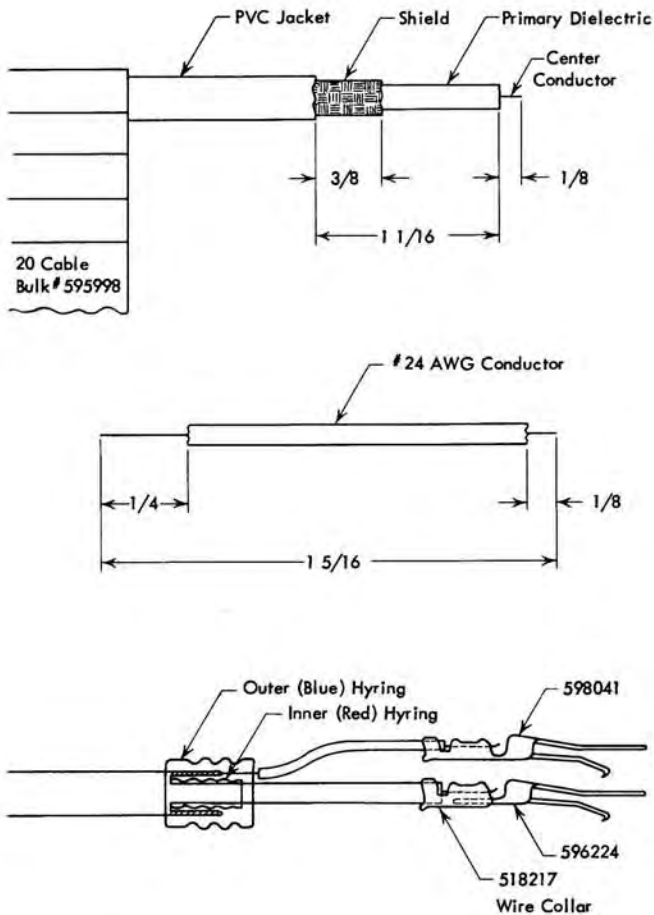
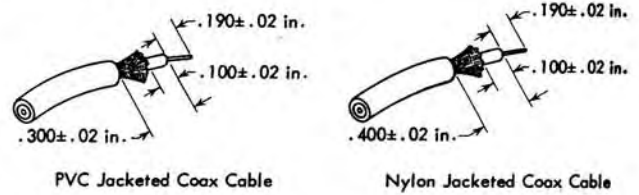
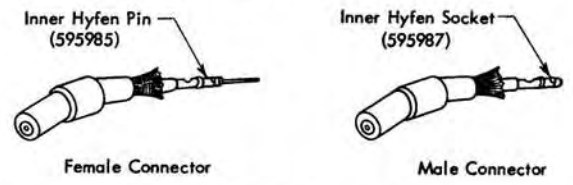


Figure 37. Attaching 40-pin Connector Terminals

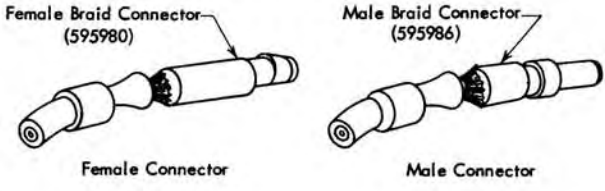
STEP 1 Strip cable to dimensions shown.



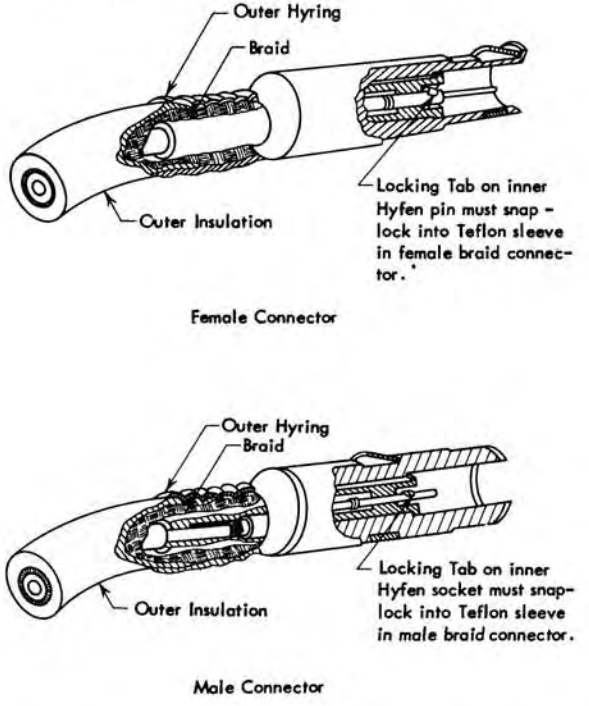
STEP 2 Assemble inner Hyfen pin or socket to inner connector and crimp with diamond shape of die N-22 RVT in hand tool M8ND (Burdy Ratchet Hytool). These are Burndy part numbers.



STEP 3 Snap-lock inner Hyfen pin or socket into braid connector. Small diameter on braid or outer connector must slide under braid and outer insulation.



STEP 4 Slip outer Hyring over exposed braid and crimp Hyring on to braid and outer insulation with circular shape of die N-22 RVT in hand tool M8ND (Burdy Ratchet Hytool). These are Burndy part numbers.



STEP 5 Assembly may now be snap-locked into connector block. For removal use Burndy tool RX-4-1.

Figure 38. Attaching Coaxial Connector Terminals