SECTION 582-200-400
Issue 1, August 1977
Also in Manuals 325-059
and 325-063

# "DATASPEED*" 40/0 AND 40/1 SETS AND STATIONS

## WIRING

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## 1. GENERAL

1.01 This section provides the wiring information for DATASPEED 40/0 Parallel Terminal Interface (PTI) and DATASPEED 40/1 Asynchronous Switched-Network station applications.

1.02 Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

1.03 The information in this section when used in conjunction with Test and Troubleshooting, Section 582-200-500 will aid in locating cabling faults.

1.04 When ordering replaceable components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP341893).

1.05 If a more comprehensive presentation of the wiring information is required, the following wiring diagram packages are available from Teletype Corporation.

WDP0391 . . . . . 40C102 Controller
WDP0392 . . . . . 40C201 Controller
WDP0393 . . . . . 40C202 Controller
WDP0395 . . . . . KD/KDP With 40C102
WDP0396 . . . . . KD/KDP With 40C202
WDP0397 . . . . . KD With 40C201
WDP0400 . . . . . 40MN101 Display Monitor
WDP0401 . . . . . ROP Set
WDP0402 . . . . . 40C103 ROP Controller
WDP0403 . . . . . 40K101 Operator Console
WDP0404 . . . . . 40K001 ROP Opcon
WDP0405 . . . . . 40PSU101 Power Supply
WDP0423 . . . . . 40DL291 Display Logic
WDP0434 . . . . . 40AB101 Answer-Back
WDP0435 . . . . . 40 Printers
WDP0441 . . . . . 40 Printer Cabinets

1.06 Some notes indicating voltage levels have been provided on the wiring diagrams to aid in troubleshooting. The physical location of plugs, cables, or connectors can be found in Section 582-200-700.

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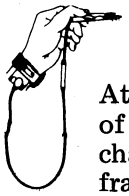
1.07 The following dangers and warning are to be used as safety measures for the apparatus and the craftsperson.

*Danger 1: Turn off all power and signal sources before removing or replacing any component.*

*Danger 2: Wear approved safety glasses when the housing of the monitor is removed, as the display tube is fragile in the neck area and is subject to implosion if broken. Be careful not to strike the glass of the tube with tools or components when working in its vicinity.*

*Warning: To avoid possible internal damage to circuitry, wear a 346392 static discharge strap connected to ground to allow static discharge before handling circuit cards for removal or replacement. Avoid touching circuit lands or components as much as possible.*

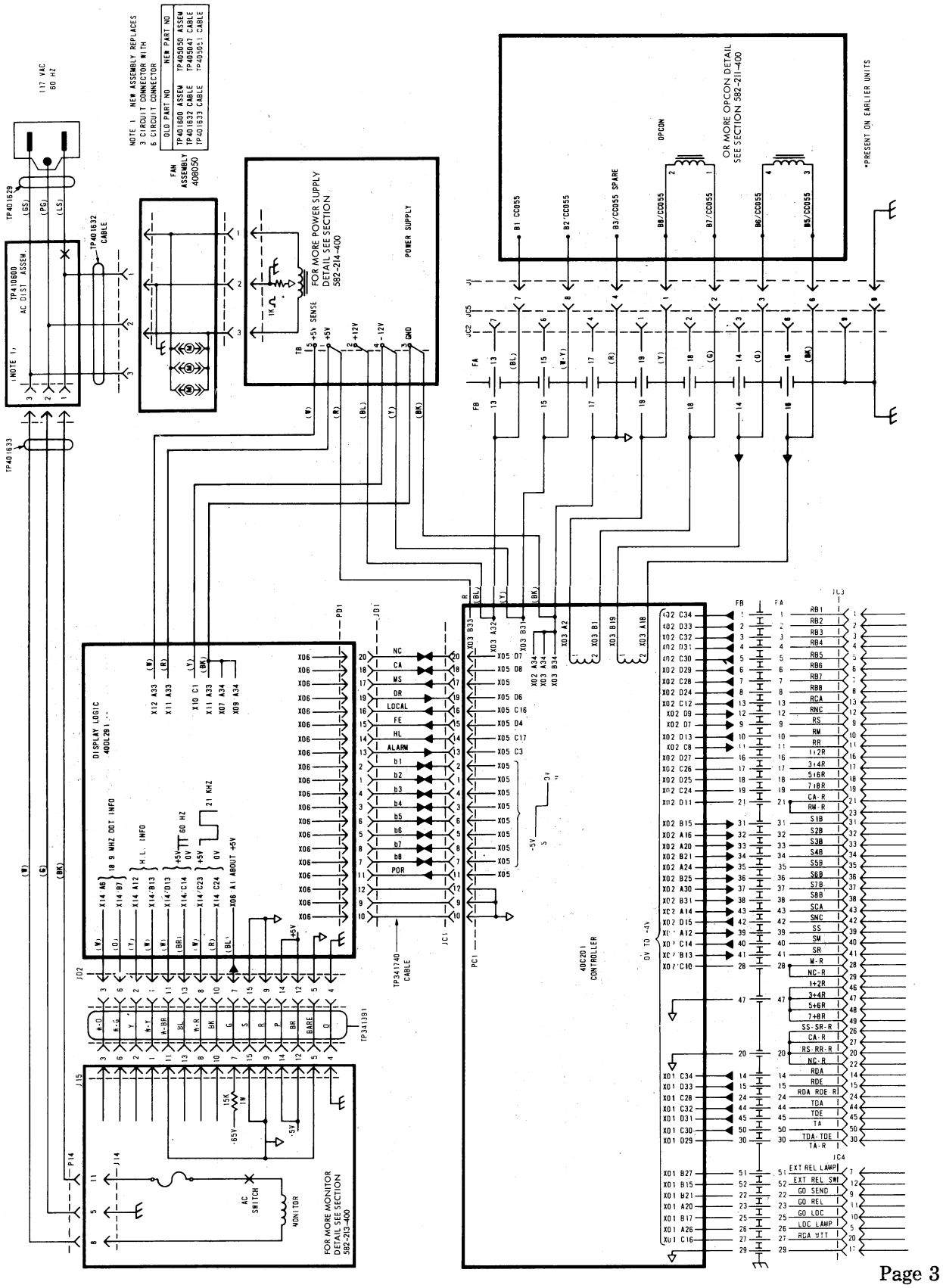
Attach static ground strap tightly to wrist.



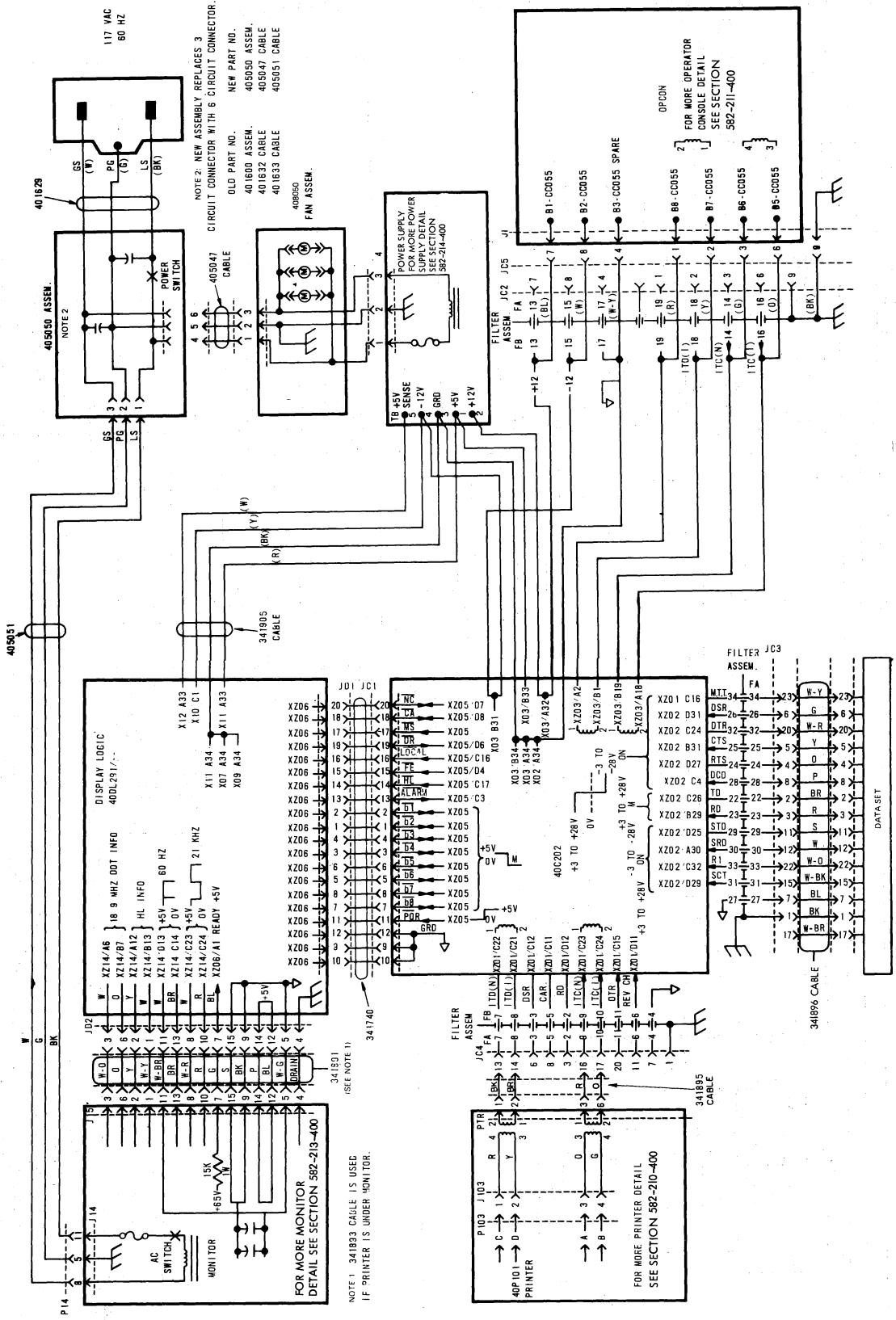
Attach clip end of static discharge strap to frame ground.

## 2. WIRING DIAGRAMS

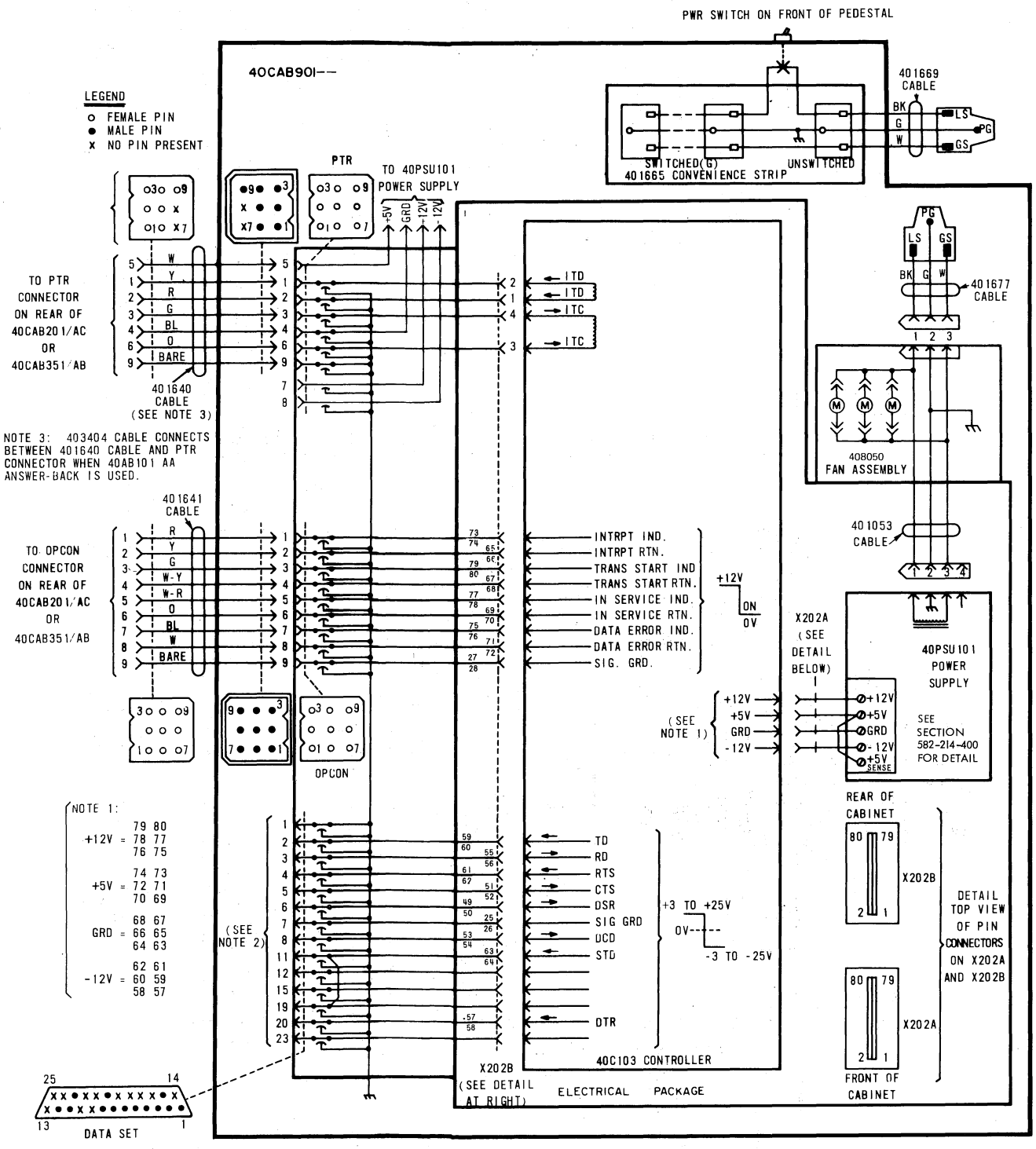
### 2.01 KD Set for PTI (Parallel Terminal Interface) Application (40/0)



## 2.02 KDP Set for Switched-Network Application (40/1)

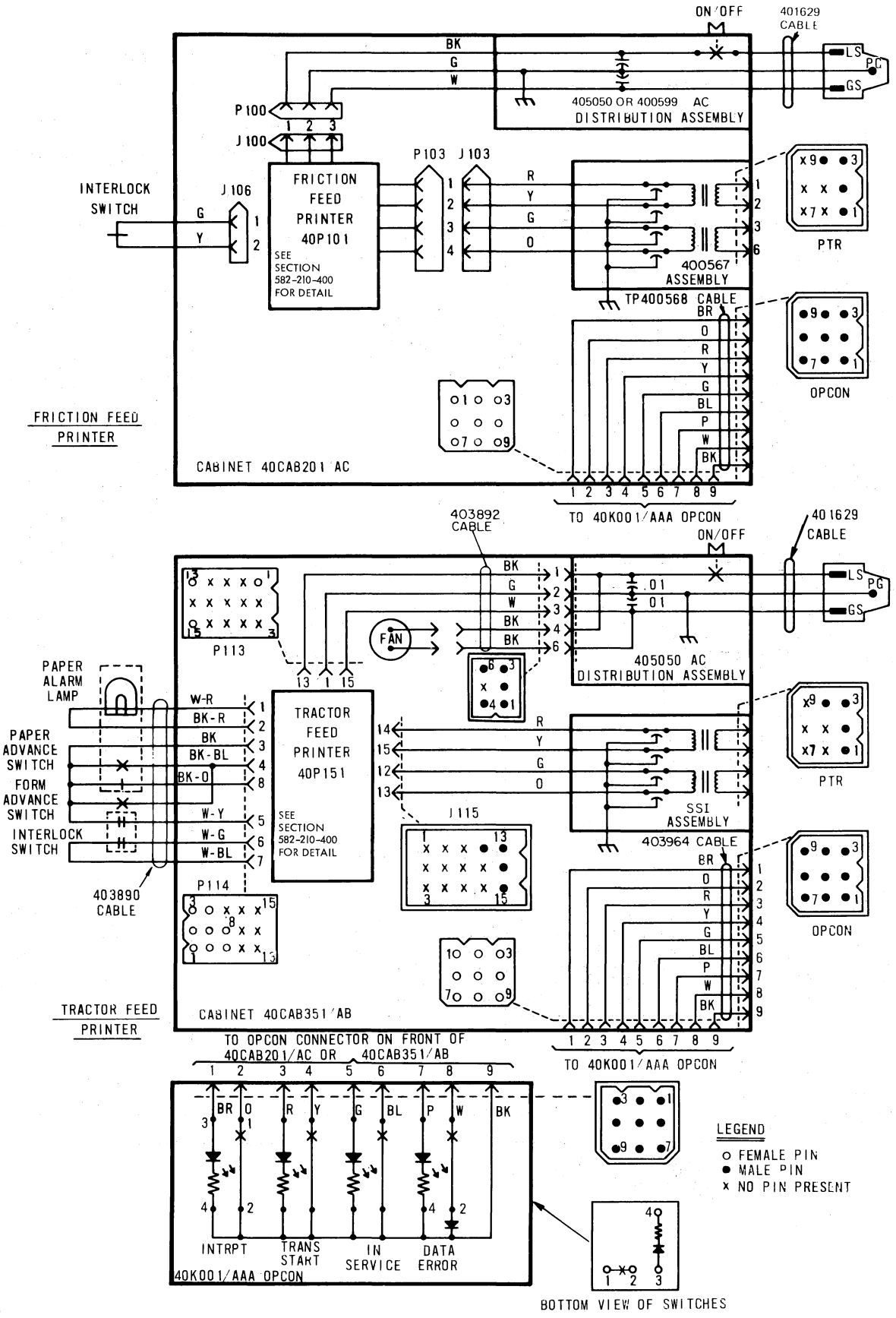


## 2.03 ROP Cabinet w/40C103 Controller

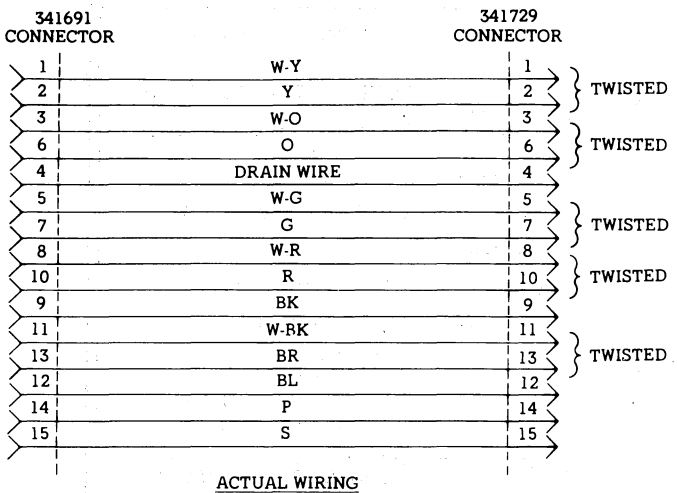


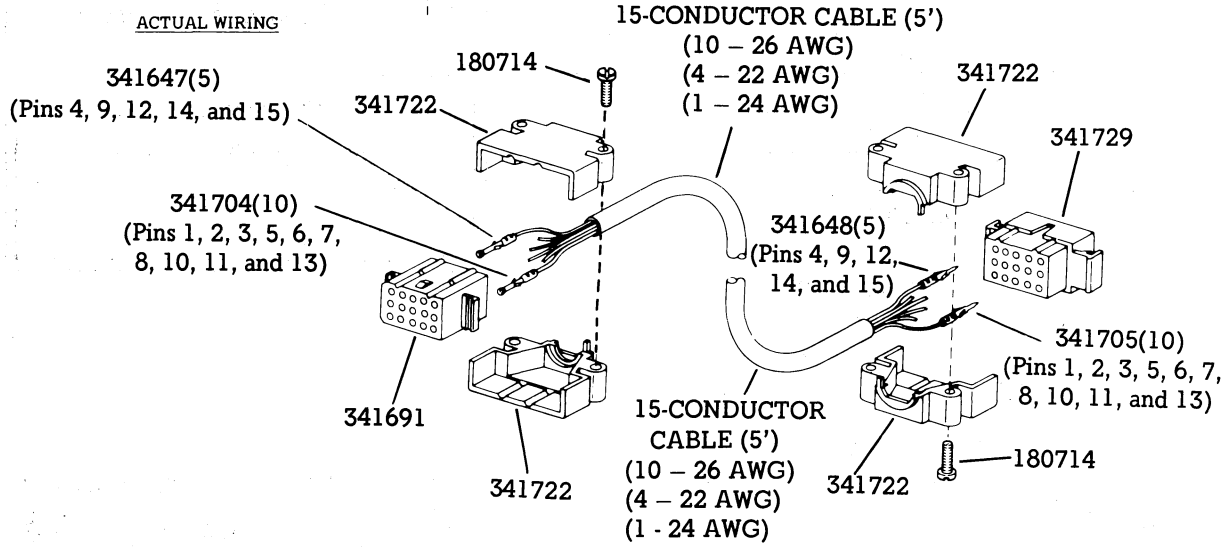

NOTE 2: TO 341896 INTERFACE CABLE (ROP), 341895 PRINTER CABLE (KD AND ROP), OR 345613 INTERFACE CABLE (KD AND ROP OR KDP AND ROP).

## 2.04 Printer Cabinets

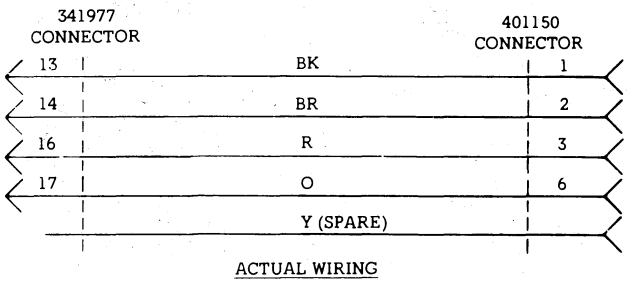


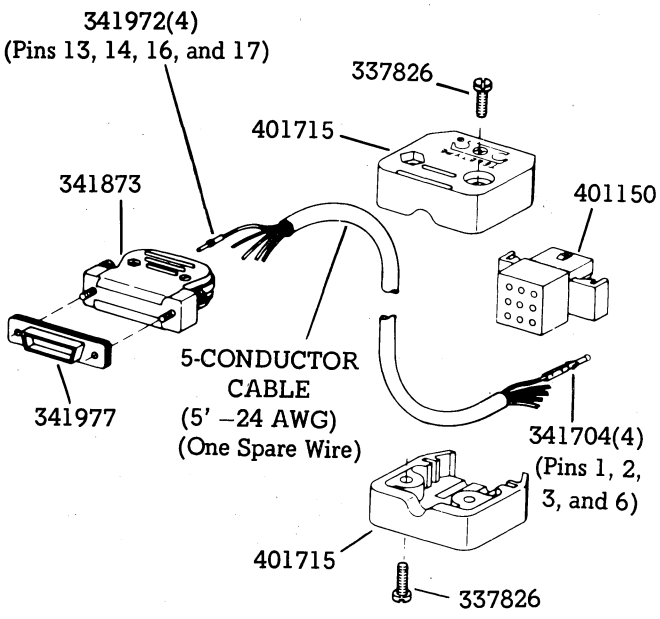
## 2.05 341893 Monitor Extension Cable Assembly



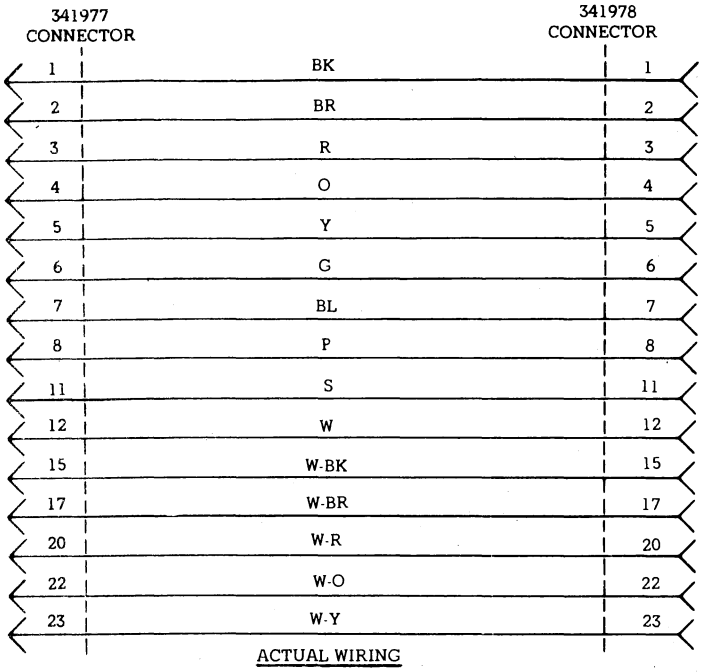



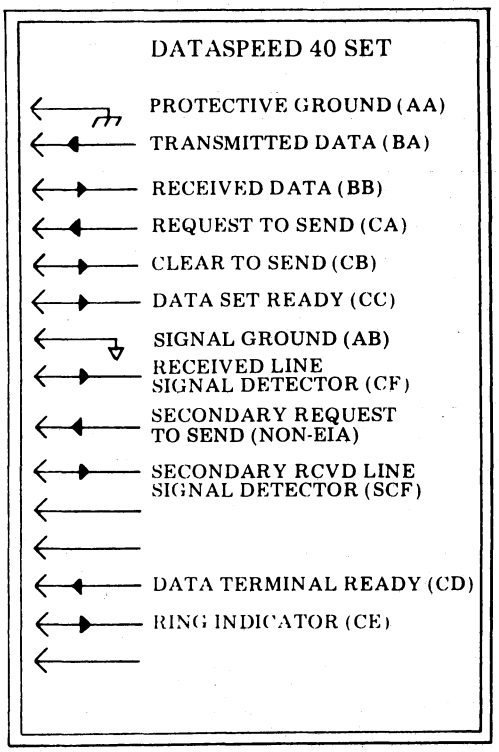

## 2.06 341895 Printer Extension Cable Assembly

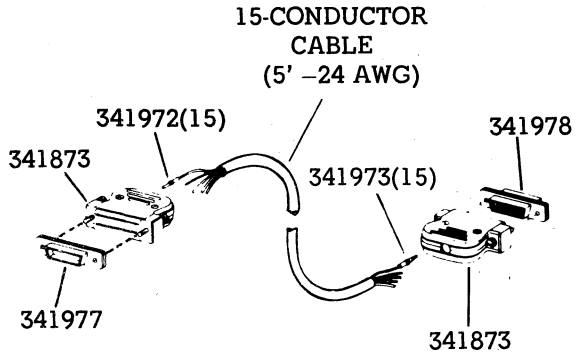


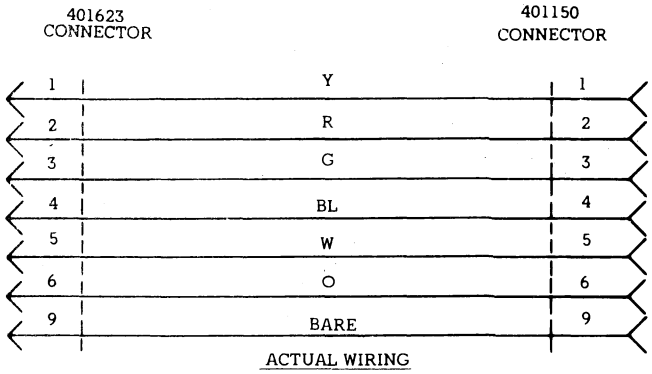
## 2.07 341896 Data Set Interface Cable Assembly

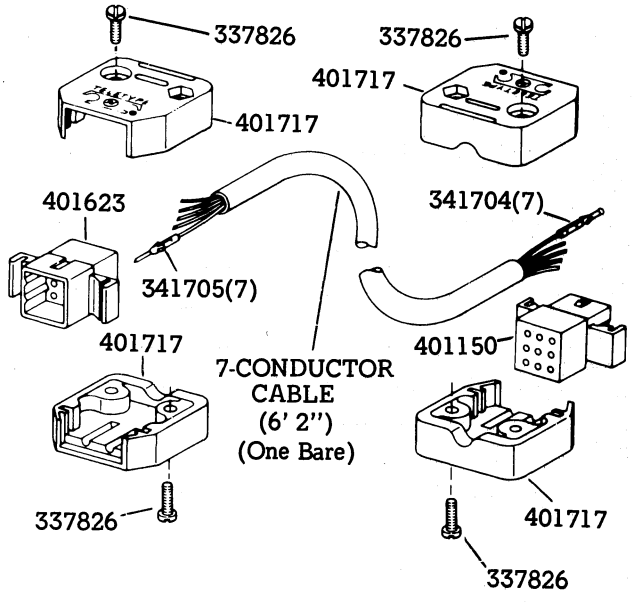


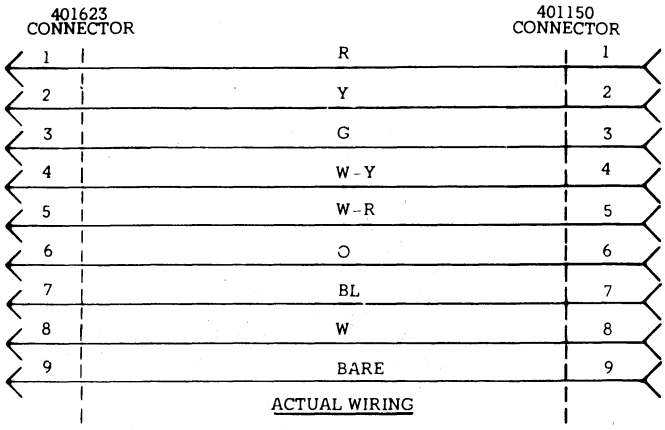



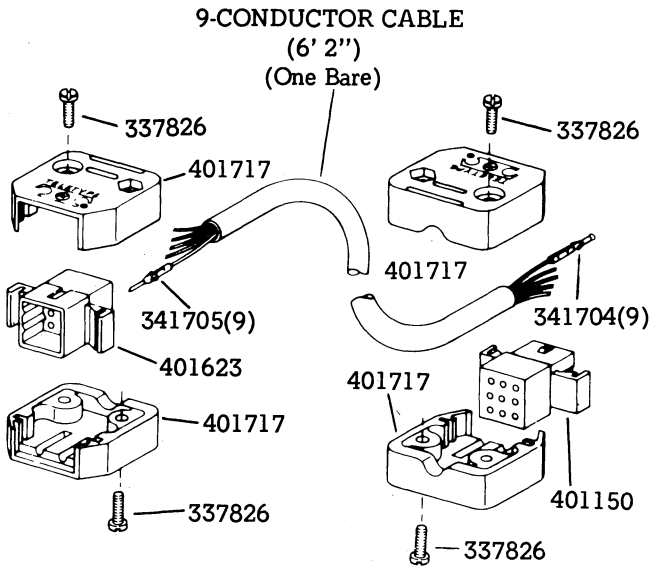

## 2.08 401640 ROP Extension Cable Assembly



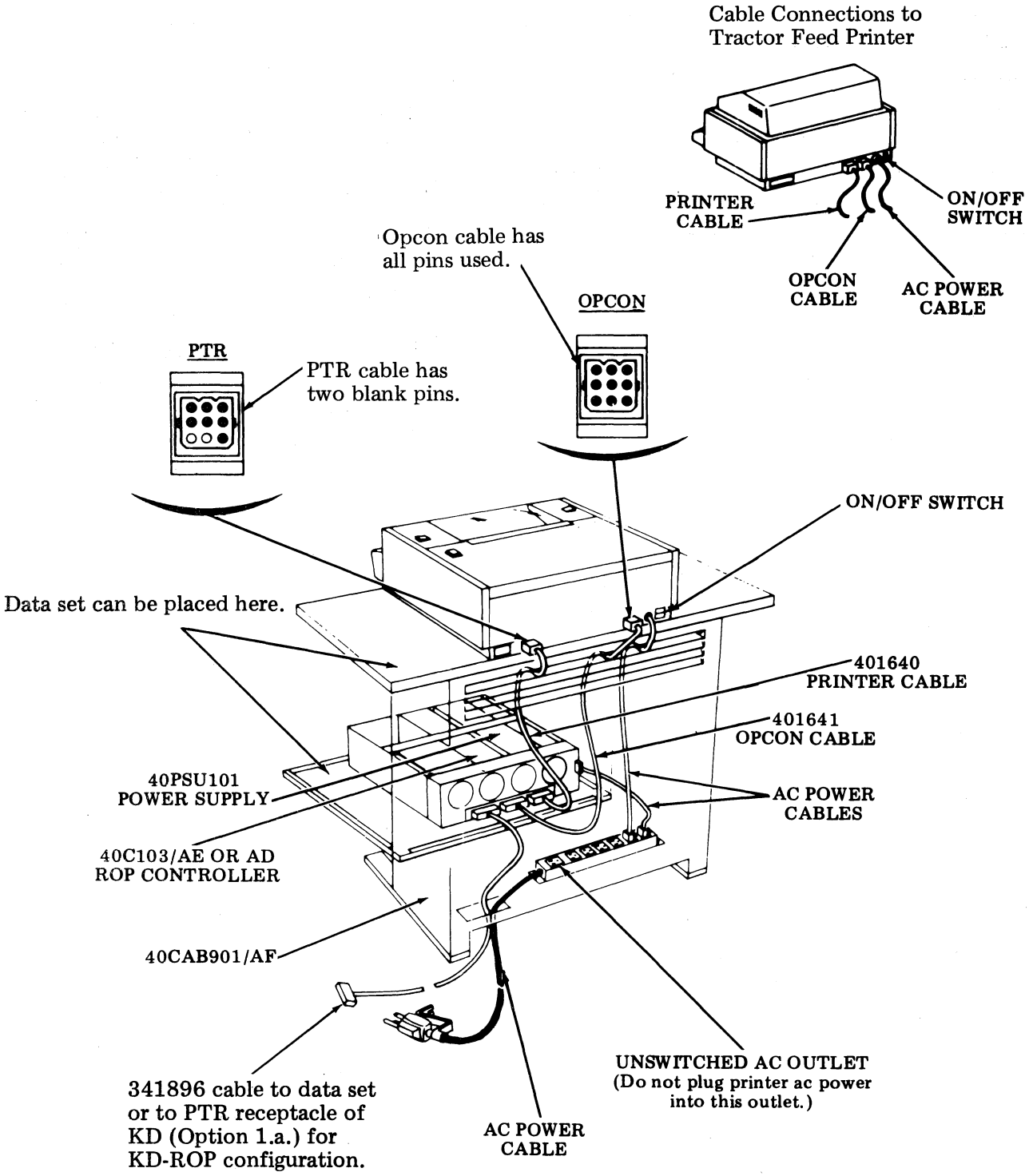
## 2.09 401641 Opcon Extension Cable Assembly



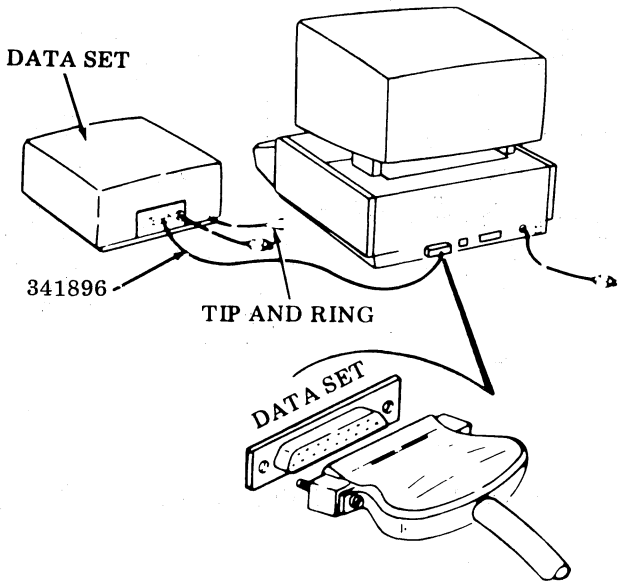



## 3. SET AND STATION CABLE ARRANGEMENTS

### 3.01 ROP Set or Station

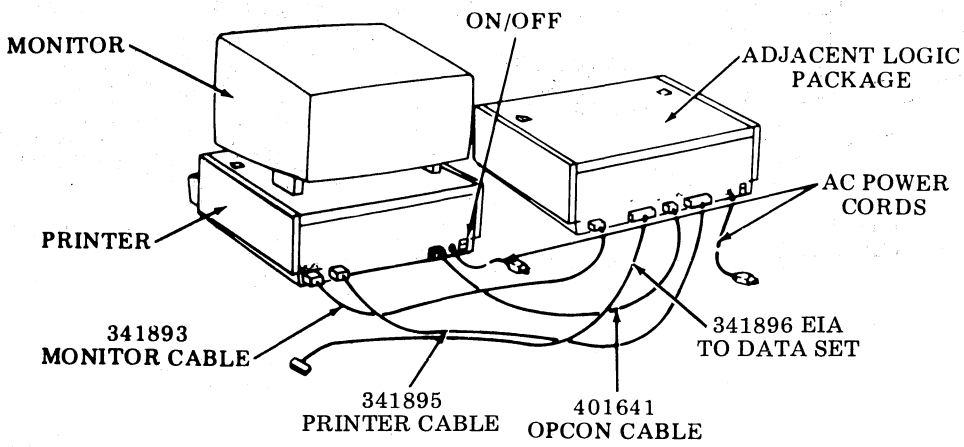


3.02 KD Station

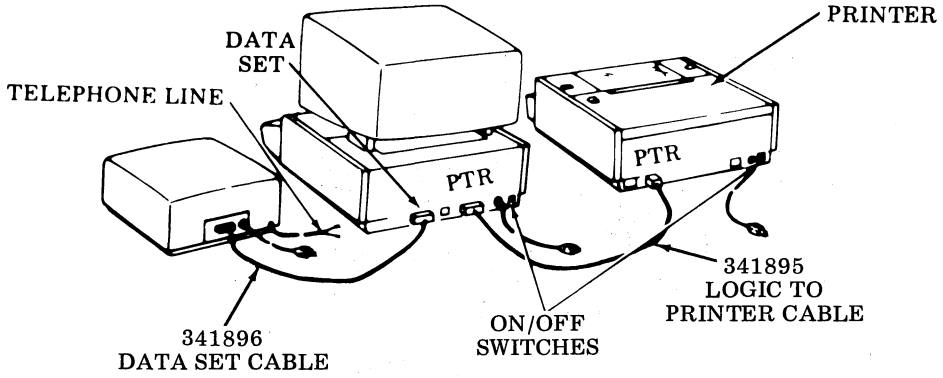



*Note:* This station arrangement may also use a pedestal, with the data set mounted in the pedestal.

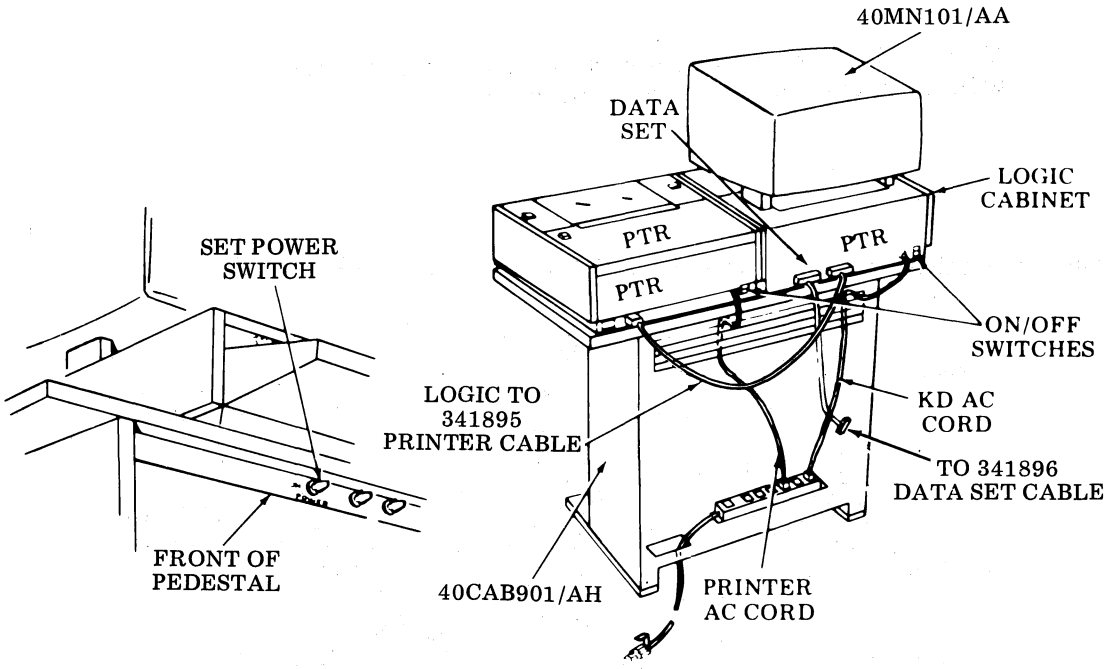
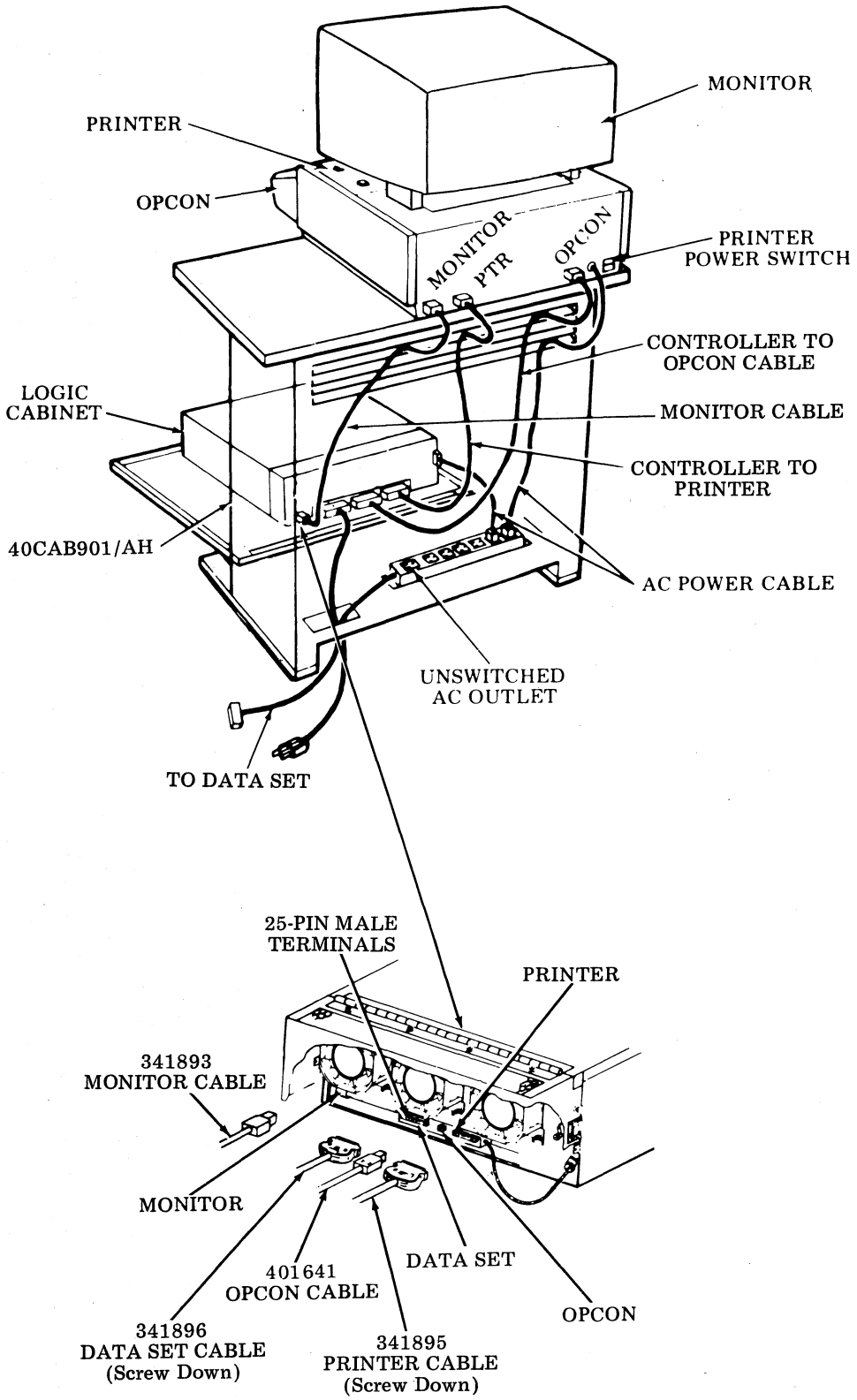
3.03 KDP Set — Adjacent Logic (Printer Under Monitor — Friction Feed Only)



3.04 KDP Station — Adjacent Printer (Friction or Tractor Feed)




3.05 KDP Set — Adjacent Printer on Pedestal (Friction Feed Only)



## 3.06 KDP Set — Printer Under Monitor, Logic in Pedestal (Friction Feed Only)