

INTEGRATED ASYNCHRONOUS "DATASPEED*" 40 RECEIVE-ONLY PRINTER STATION

WIRING DIAGRAMS

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40P102/ZZ FRICTION FEED PRINTER.....	22	1. GENERAL	
40P153/ZZ 80-COLUMN TRACTOR FEED PRINTER WITH CIRCUIT CARD 410082	23	1.01 This section provides simplified schematic wiring diagrams and cable drawings for Integrated Asynchronous DATASPEED 40 Receive-Only Printer (ROP) Stations in both DATAPHONE† (40/1 and 40/2) and multipoint private line (40/3) service. It is intended to meet the needs of field maintenance personnel. Schematic wiring diagrams for associated data sets are contained in the appropriate sections, referenced in Section 582-200-104.	
40P153/ZZ 80-COLUMN TRACTOR FEED PRINTER WITHOUT CIRCUIT CARD 410082.....	25	1.02 This section is reissued to include the 40C303AD Controller and Forms Access Printer arrangements. Since this reissue is a general revision, no revision arrows have been used to denote significant changes.	
40P154/ZZ AND 40P253/ZZ 80-COLUMN TRACTOR FEED PRINTER.....	26	<i>Note:</i> When ordering replaceable components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP410055).	

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2. WIRING DIAGRAMS

INTERCONNECTING DIAGRAM FOR DATASPEED 40 FRICTION FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AA/001 (USOC 400++) (Continued on Pages 3/4 and 5.)

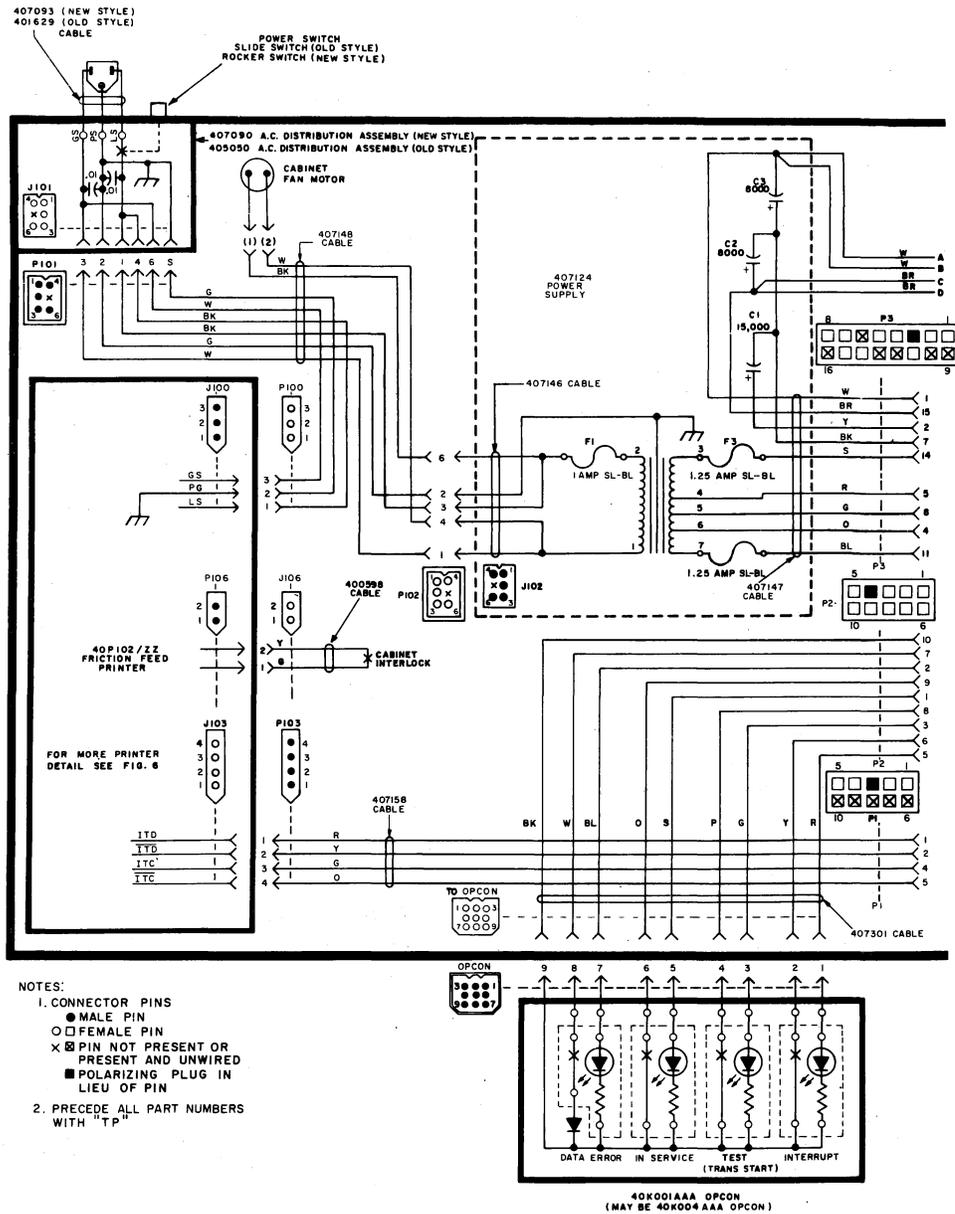
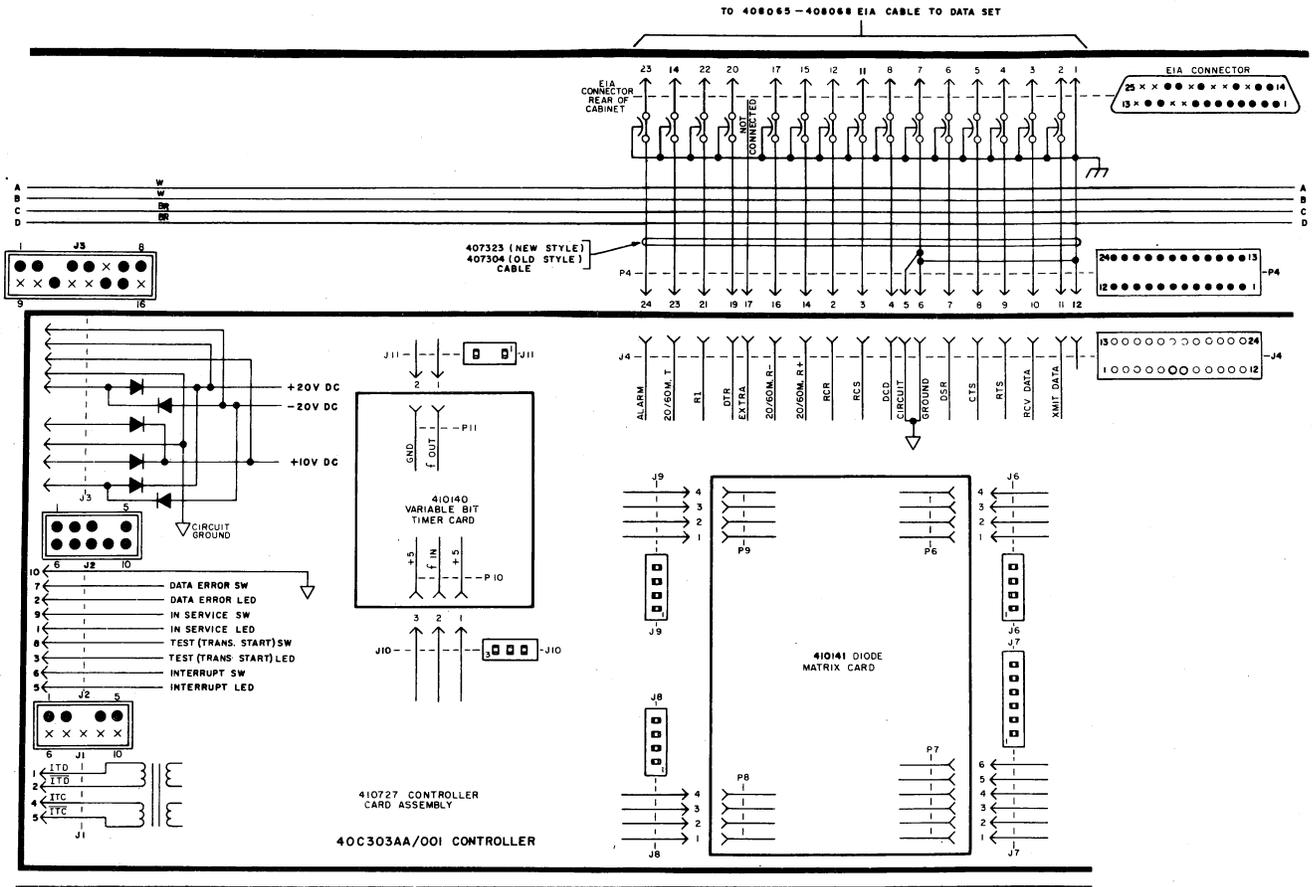


Fig. 1

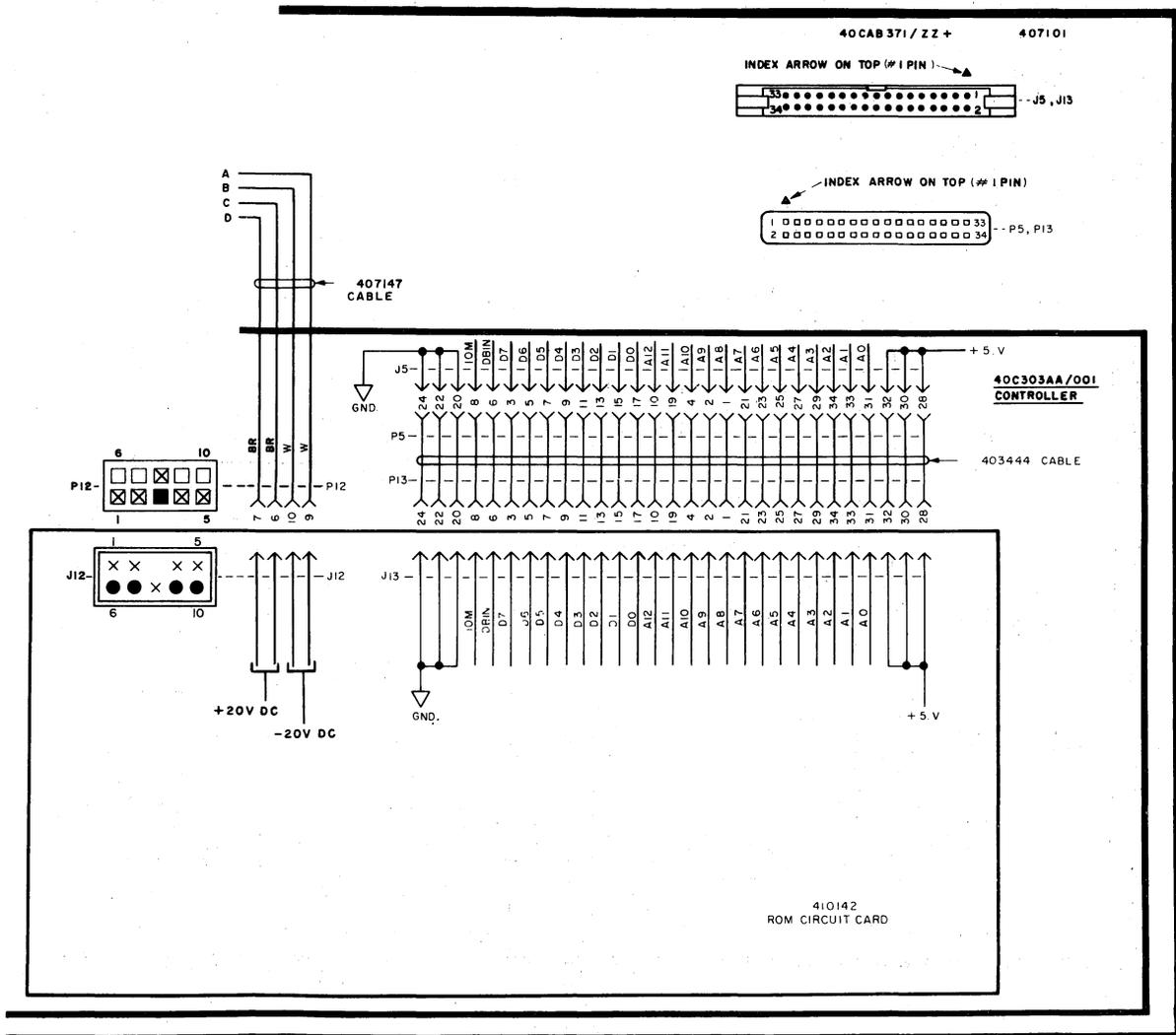
INTERCONNECTING DIAGRAM FOR DATASPEED 40 FRICTION FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AA/001 (USOC 400++) (Contd)



- NOTES:
- CONNECTOR PINS
 - MALE PIN
 - FEMALE PIN
 - × PIN NOT PRESENT OR PRESENT AND UNWIRED
 - POLARIZING PLUG IN LIEU OF PIN
 - PRECEDE ALL PART NUMBERS WITH "TP"

Fig. 1 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 FRICTION FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AA/001 (USOC 400++) (Contd)



- NOTES:
- CONNECTOR PINS
 - MALE PIN
 - FEMALE PIN
 - ⊗ PIN NOT PRESENT OR PRESENT AND UNWIRED
 - POLARIZING PLUG IN LIEU OF PIN
 - PRECEDE ALL PART NUMBERS WITH "TP"

Fig. 1 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 FRICTION FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 400++) (Continued on Pages 7/8 and 9.)

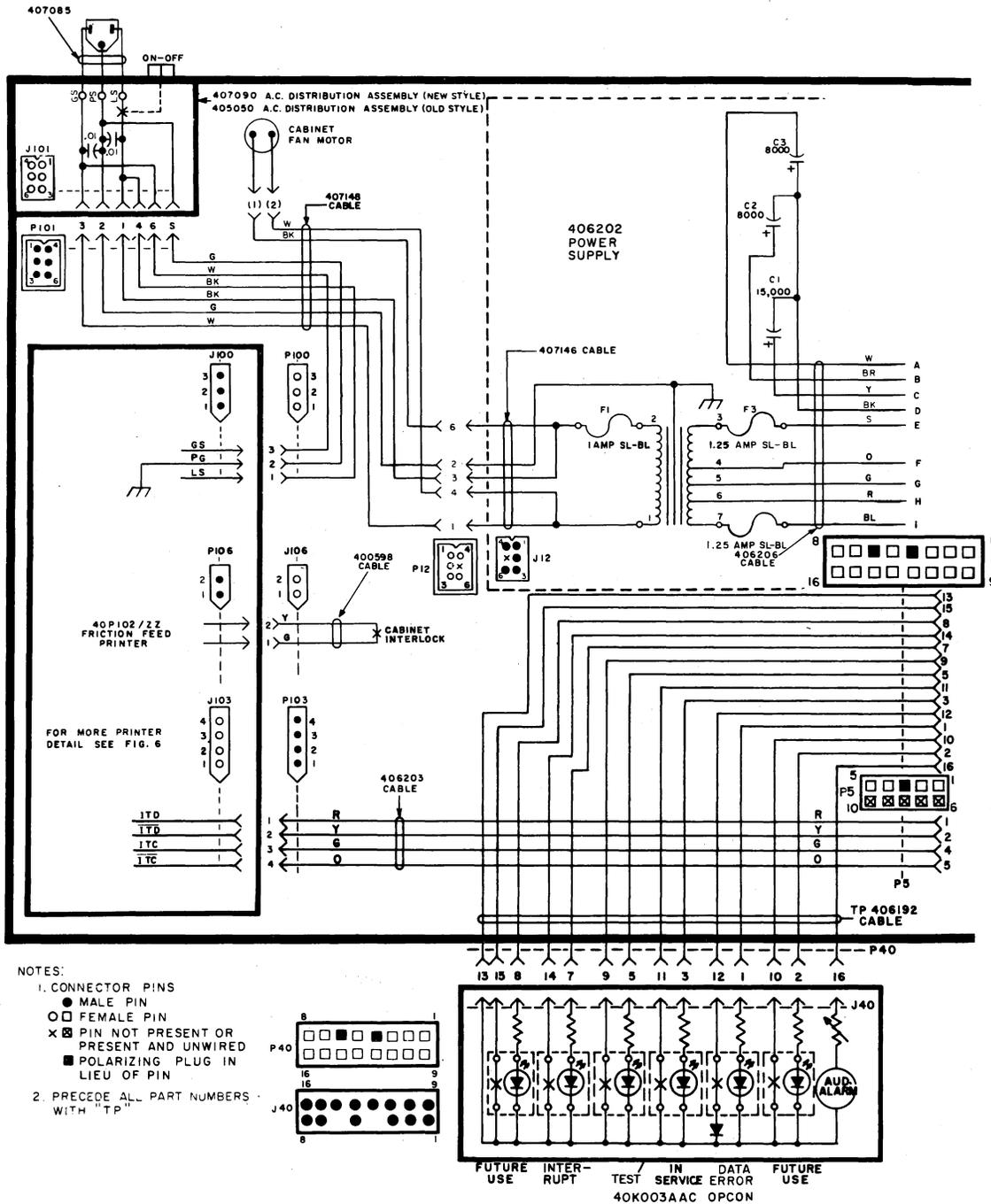


Fig. 2

INTERCONNECTING DIAGRAM FOR DATASPEED 40 FRICTION FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 400++) (Contd)

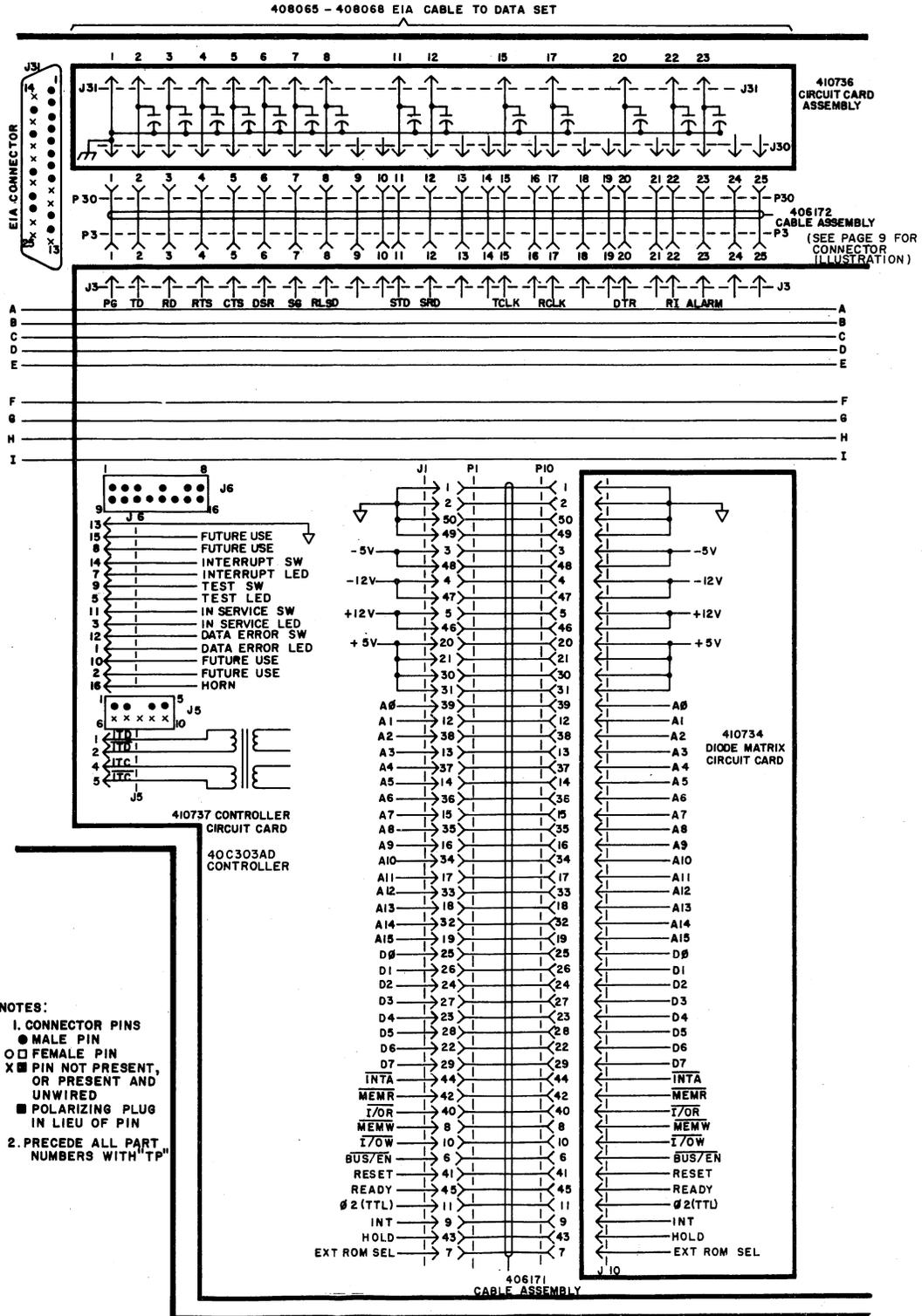


Fig. 2 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 FRICTION FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 400++) (Contd)

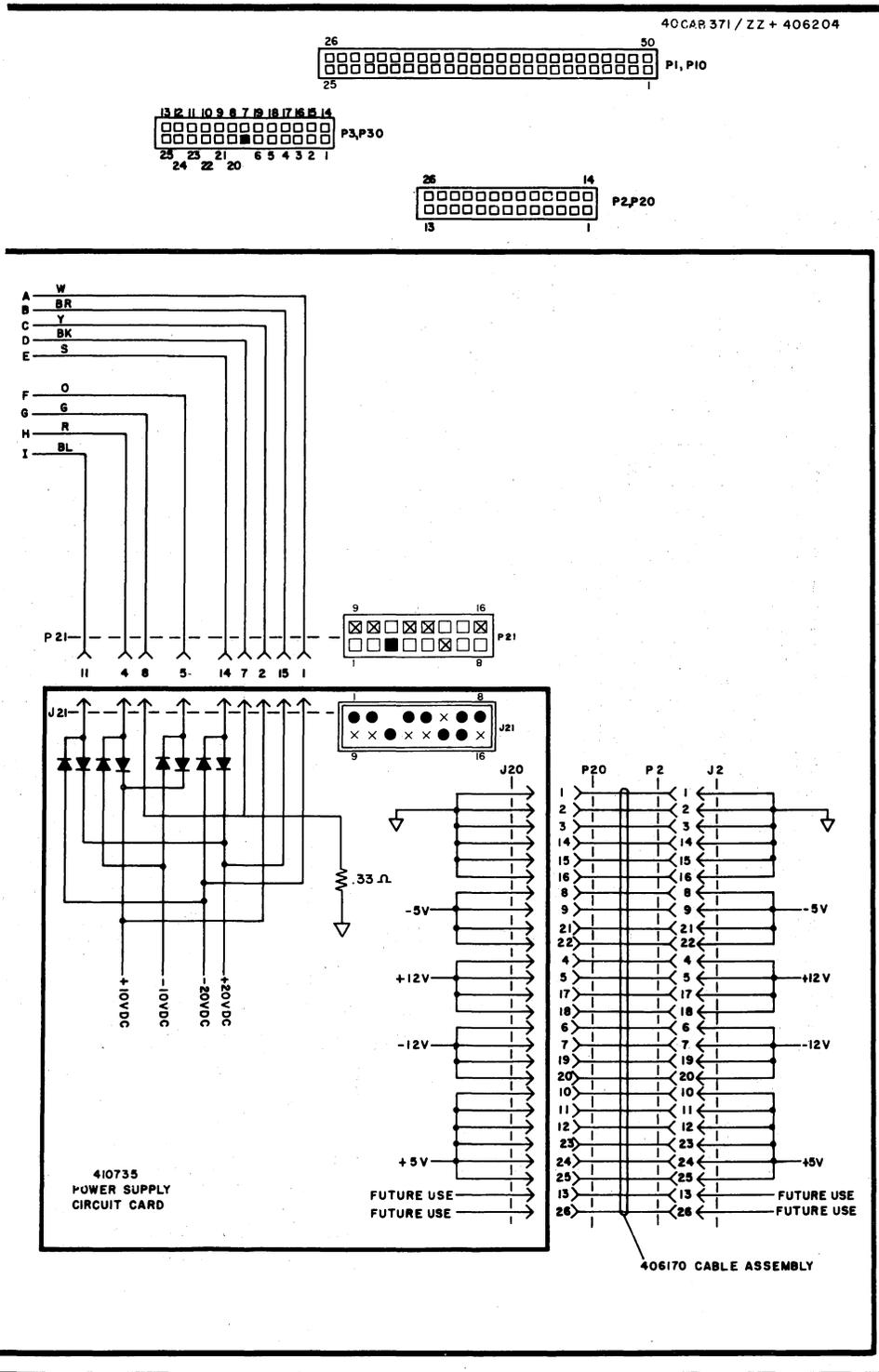


Fig. 2 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 TRACTOR FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AA/001 (USOC 40P++ (80-Column) or USOC 40R++ (132-Column)) (Continued on Pages 11/12 and 13.)

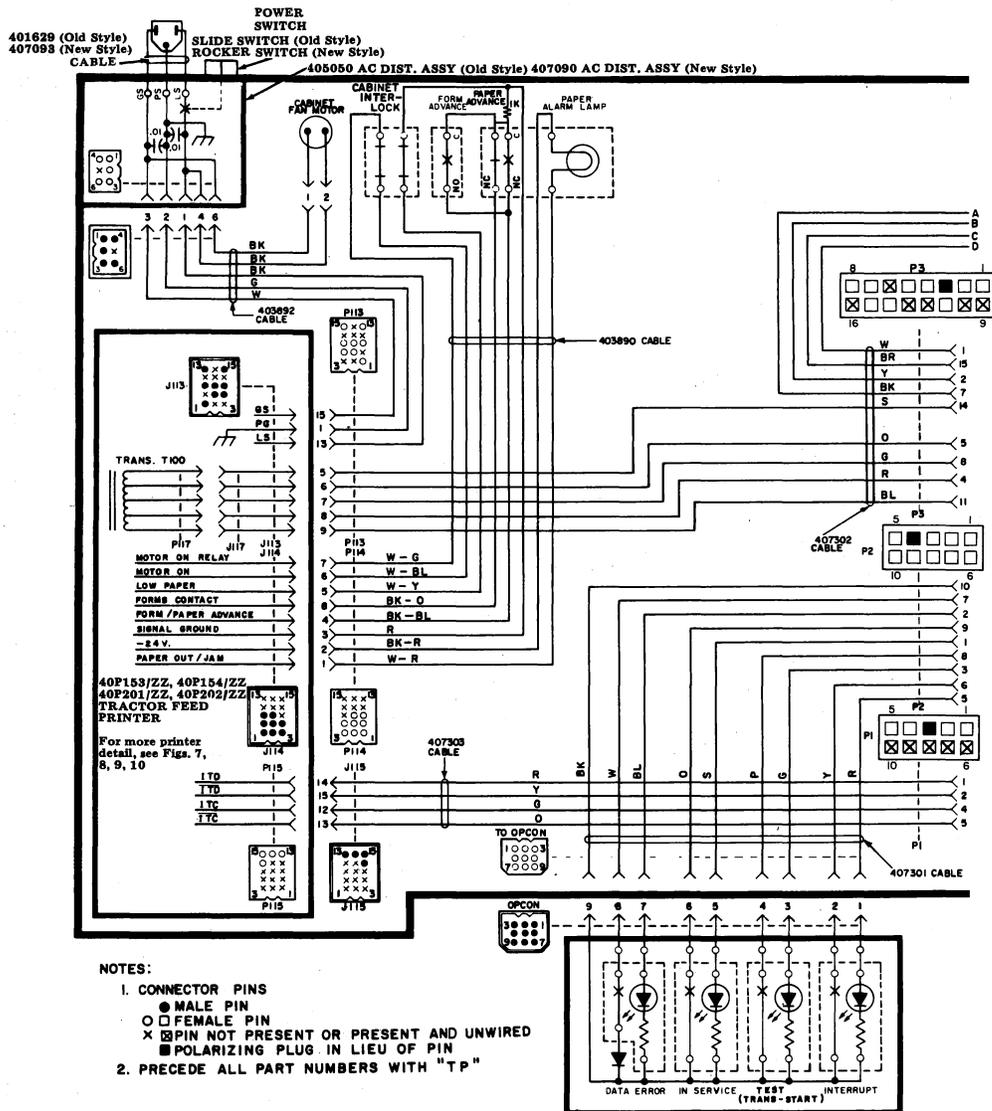


Fig. 3

INTERCONNECTING DIAGRAM FOR DATASPEED 40 TRACTOR FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AA/001 (USOC 40P++ (80-Column) or USOC 40R++ (132-Column)) (Contd)

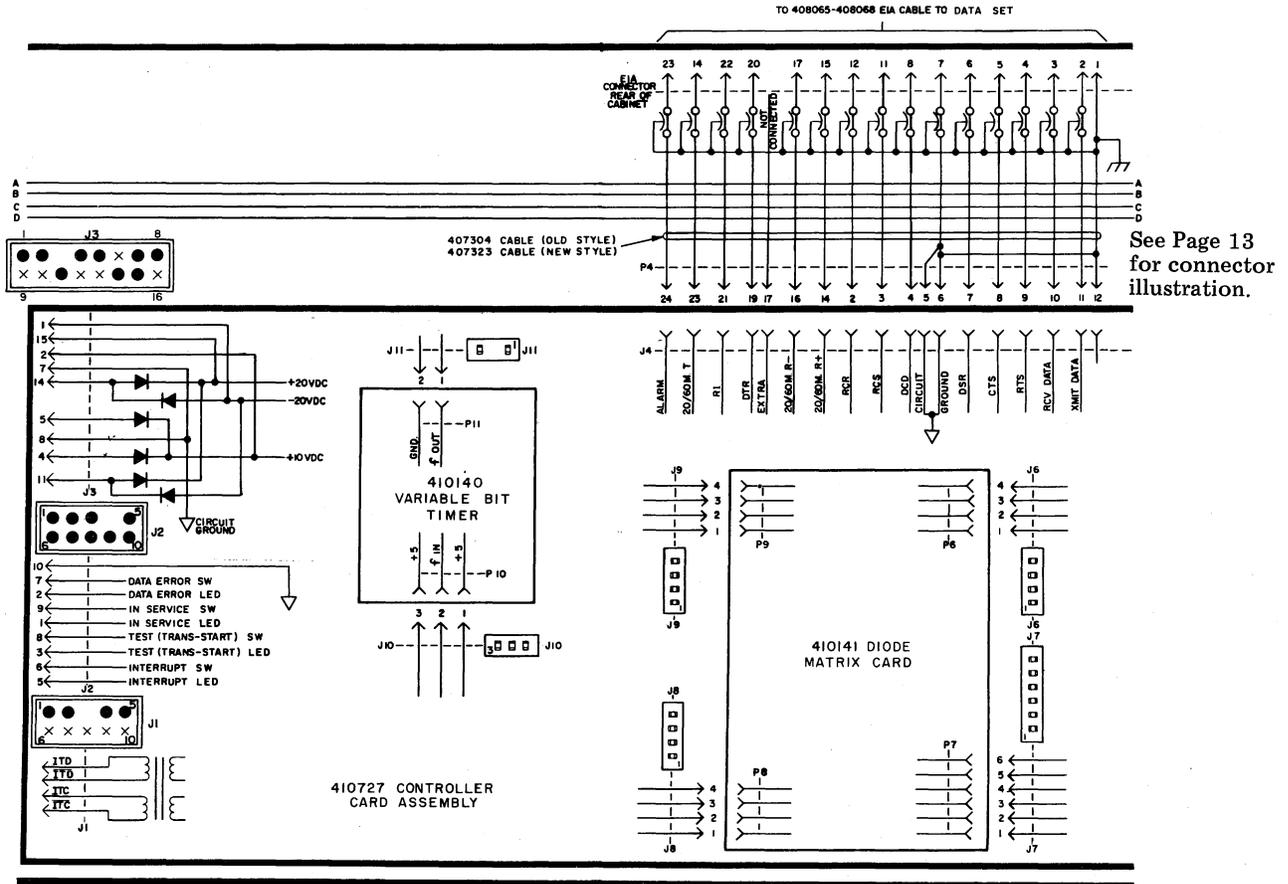
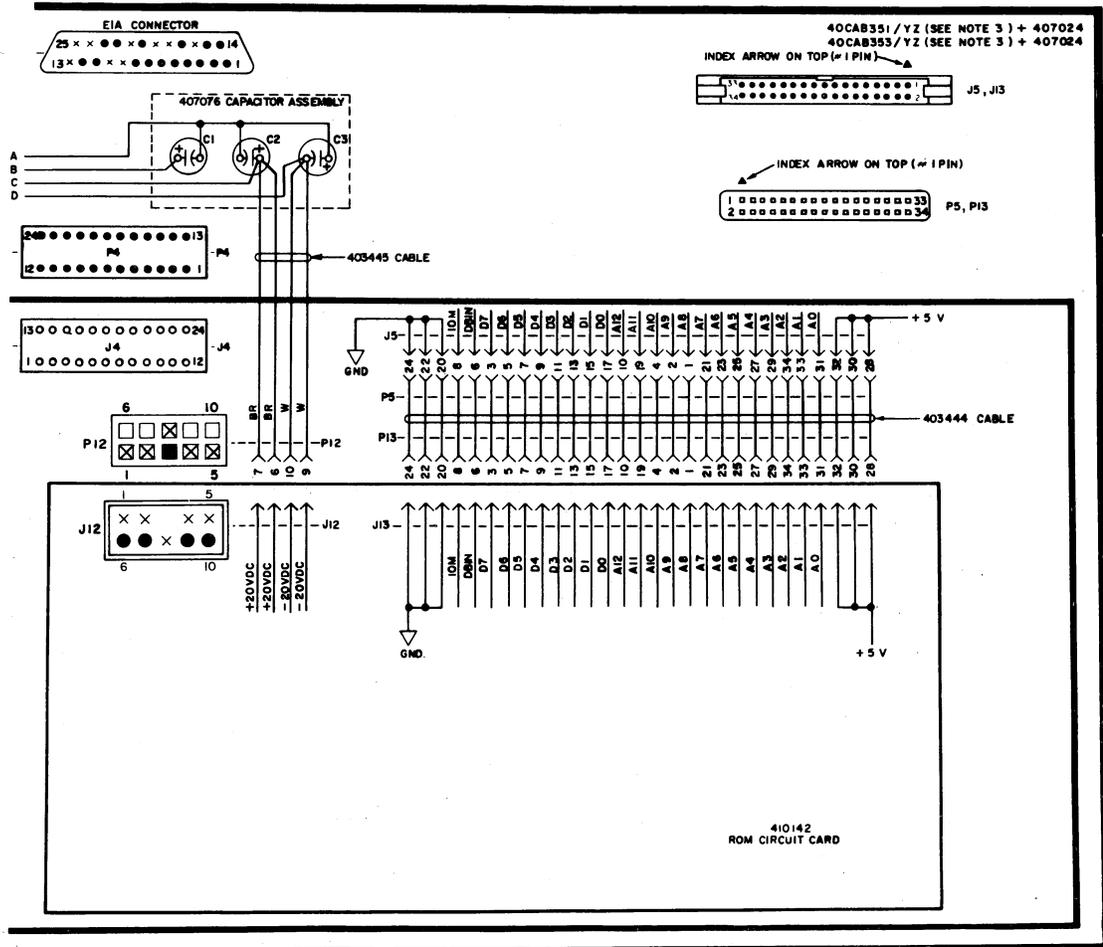


Fig. 3 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 TRACTOR FEED ROM WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AA/001 (USOC 40P++ (80-Column) or USOC 40R++ (132-Column)) (Contd)



- NOTES:
1. CONNECTOR PINS
 - MALE PIN
 - FEMALE PIN
 - × PIN NOT PRESENT OR PRESENT AND UNWIRED
 - POLARIZING PLUG IN LIEU OF PIN
 2. PRECEDE ALL PART NUMBERS WITH "TP"
 3. CABINETS 40CAB351/YZ AND 40CAB353/YZ MAY BE 40CAB351/ZZ AND 40CAB353/ZZ RESPECTIVELY

Fig. 3 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 TRACTOR FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 40P++ (80-COLUMN) OR USOC 40R++ (132-COLUMN)) (Continued on Pages 15/16 and 17.)

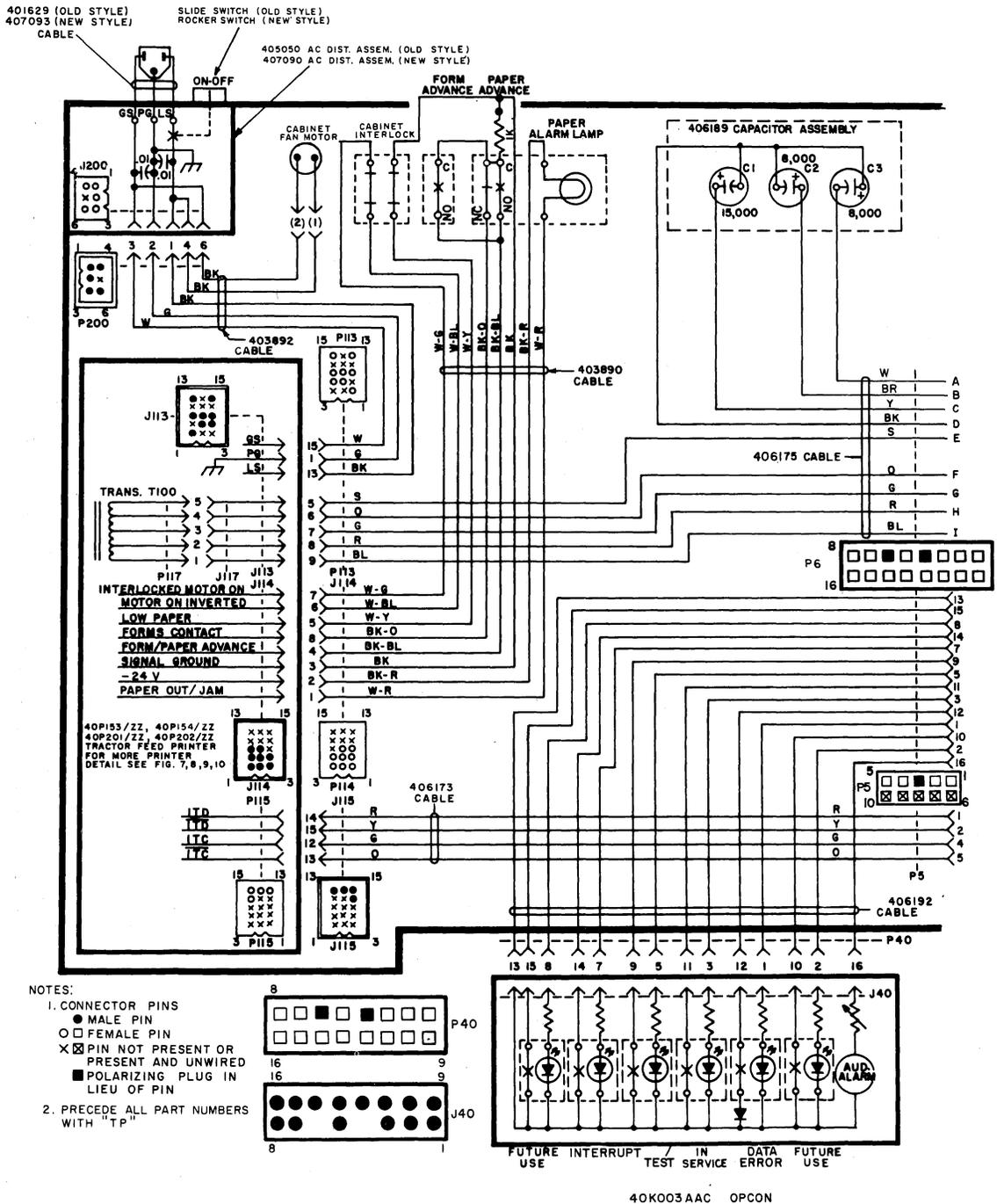


Fig. 4

INTERCONNECTING DIAGRAM FOR DATASPEED 40 TRACTOR FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 40P++ (80-Column) or USOC 40R++ (132-Column)) (Contd)

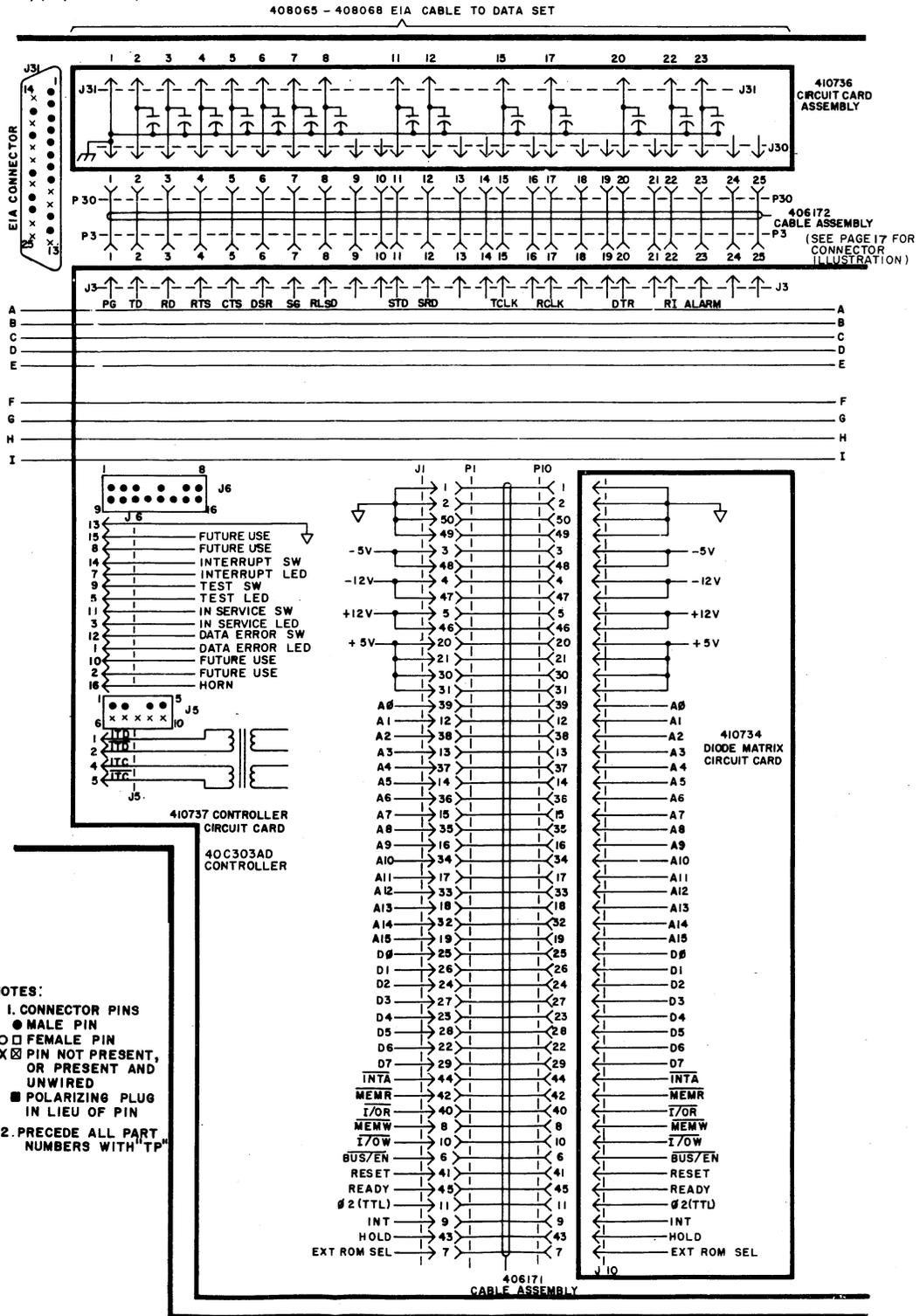


Fig. 4 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 TRACTOR FEED ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 40P++ (80-Column) or USOC 40R++ (132-Column)) (Contd)

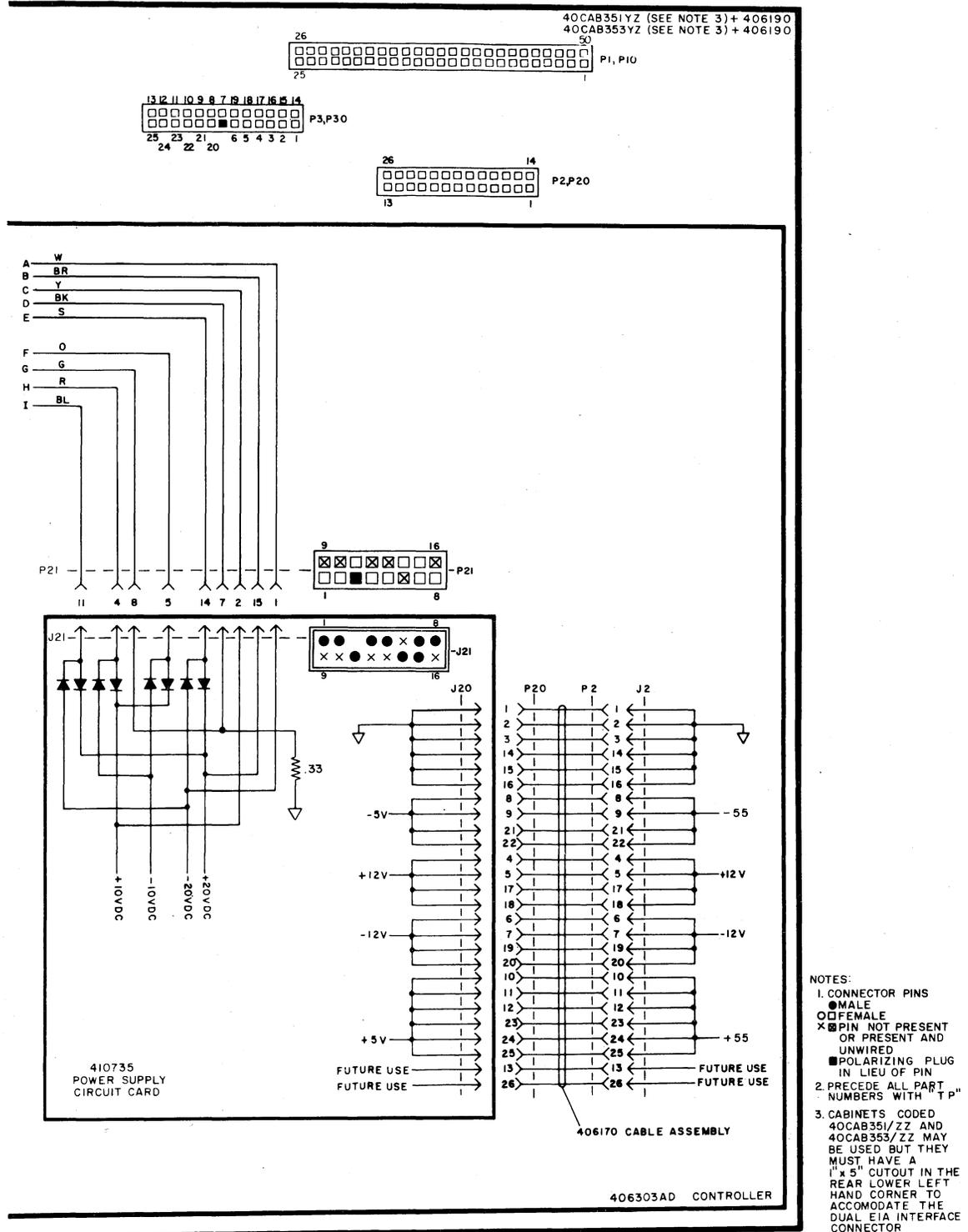
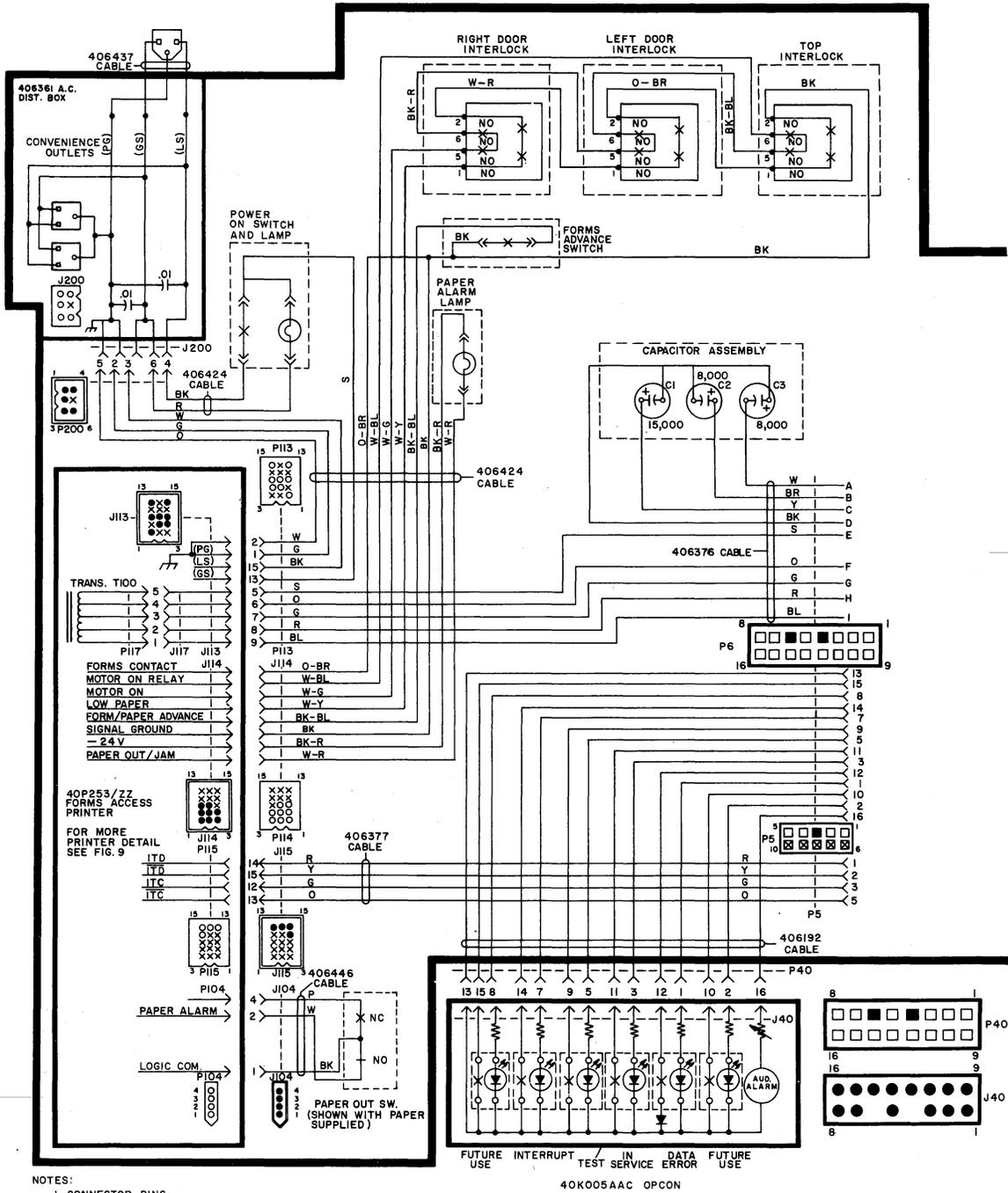


Fig. 4 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 FORMS ACCESS ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 4EQ++) (Continued on Pages 19/20 and 21.)



- NOTES:
- CONNECTOR PINS
 - MALE PIN
 - FEMALE PIN
 - ⊗ PIN NOT PRESENT OR PRESENT AND UNWIRED
 - ⊠ POLARIZING PLUG IN LIEU OF PIN
 - PRECEDE ALL PART NUMBERS WITH "TP"

Fig. 5

INTERCONNECTING DIAGRAM FOR DATASPEED 40 FORMS ACCESS ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 4EQ++) (Contd)

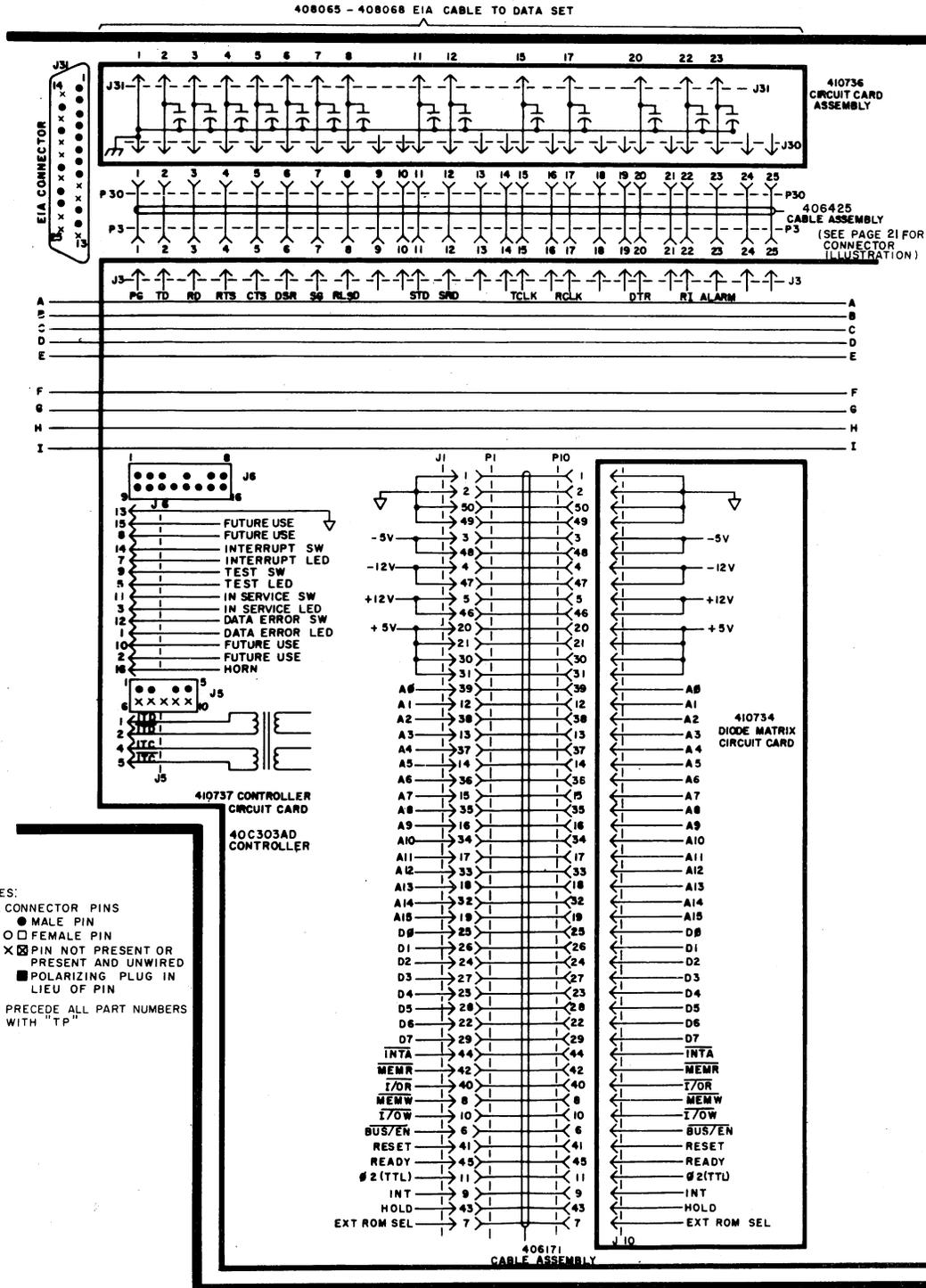


Fig. 5 (Contd)

INTERCONNECTING DIAGRAM FOR DATASPEED 40 FORMS ACCESS ROP WITH INTEGRATED ASYNCHRONOUS CONTROLLER 40C303AD (USOC 4 EQ++) (Contd)

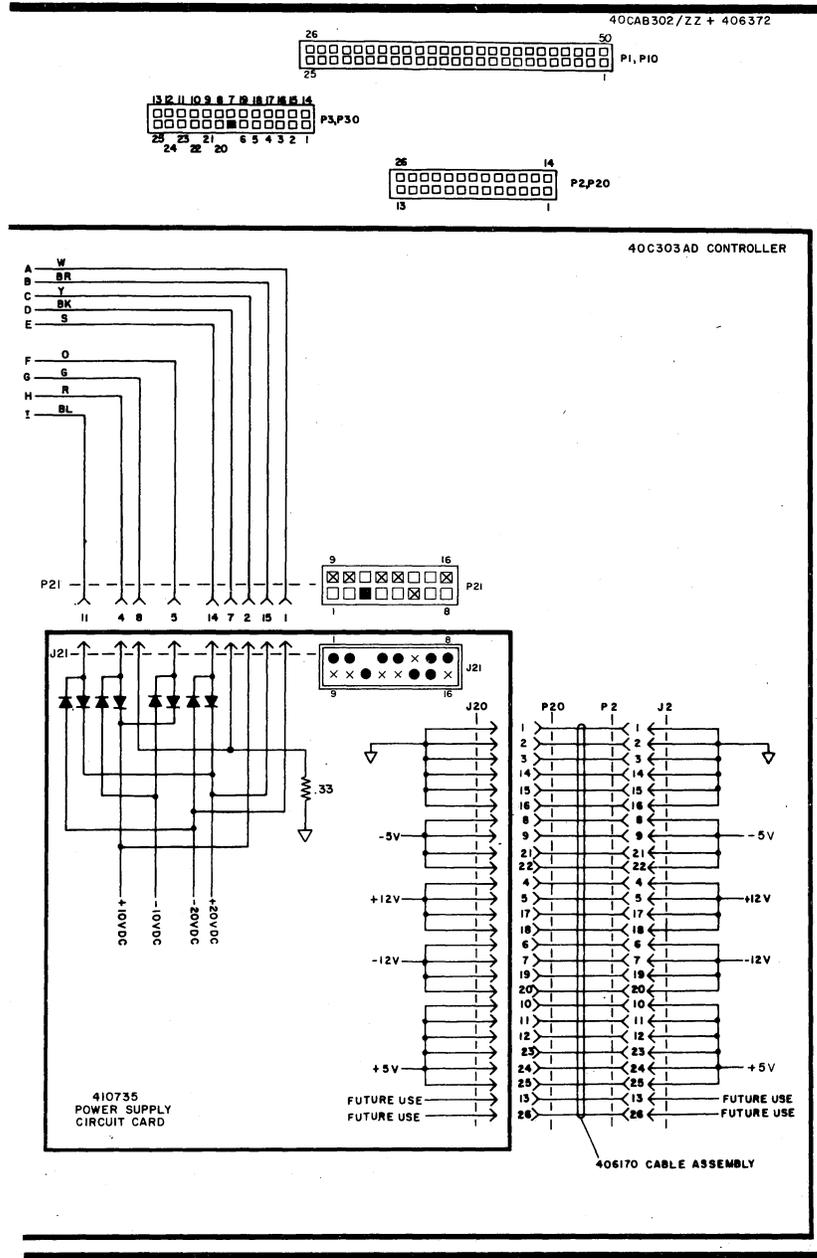


Fig. 5 (Contd)

40P102/ZZ FRICTION FEED PRINTER

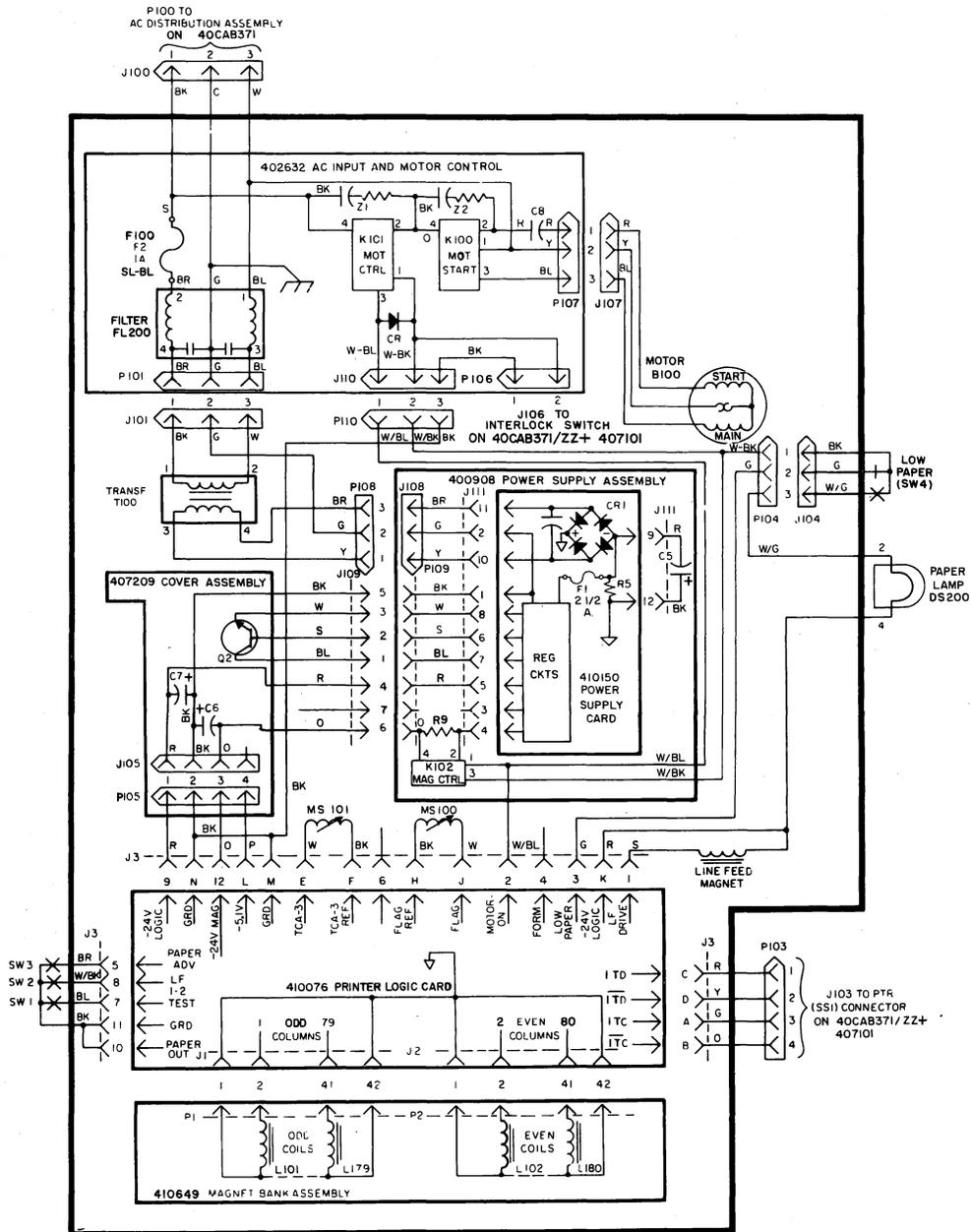


Fig. 6

40P153/ZZ 80-COLUMN TRACTOR FEED PRINTER WITH CIRCUIT CARD 410082

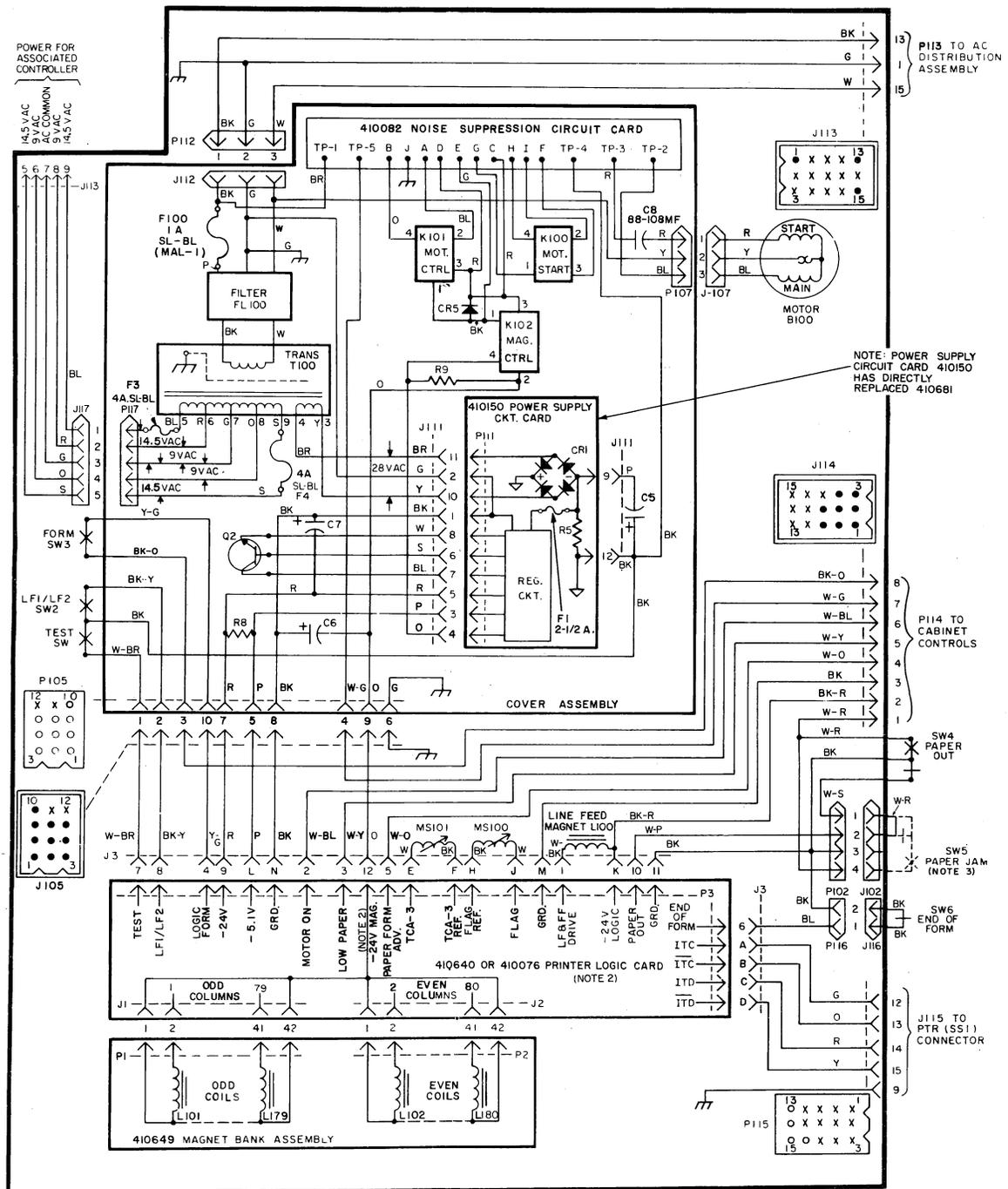


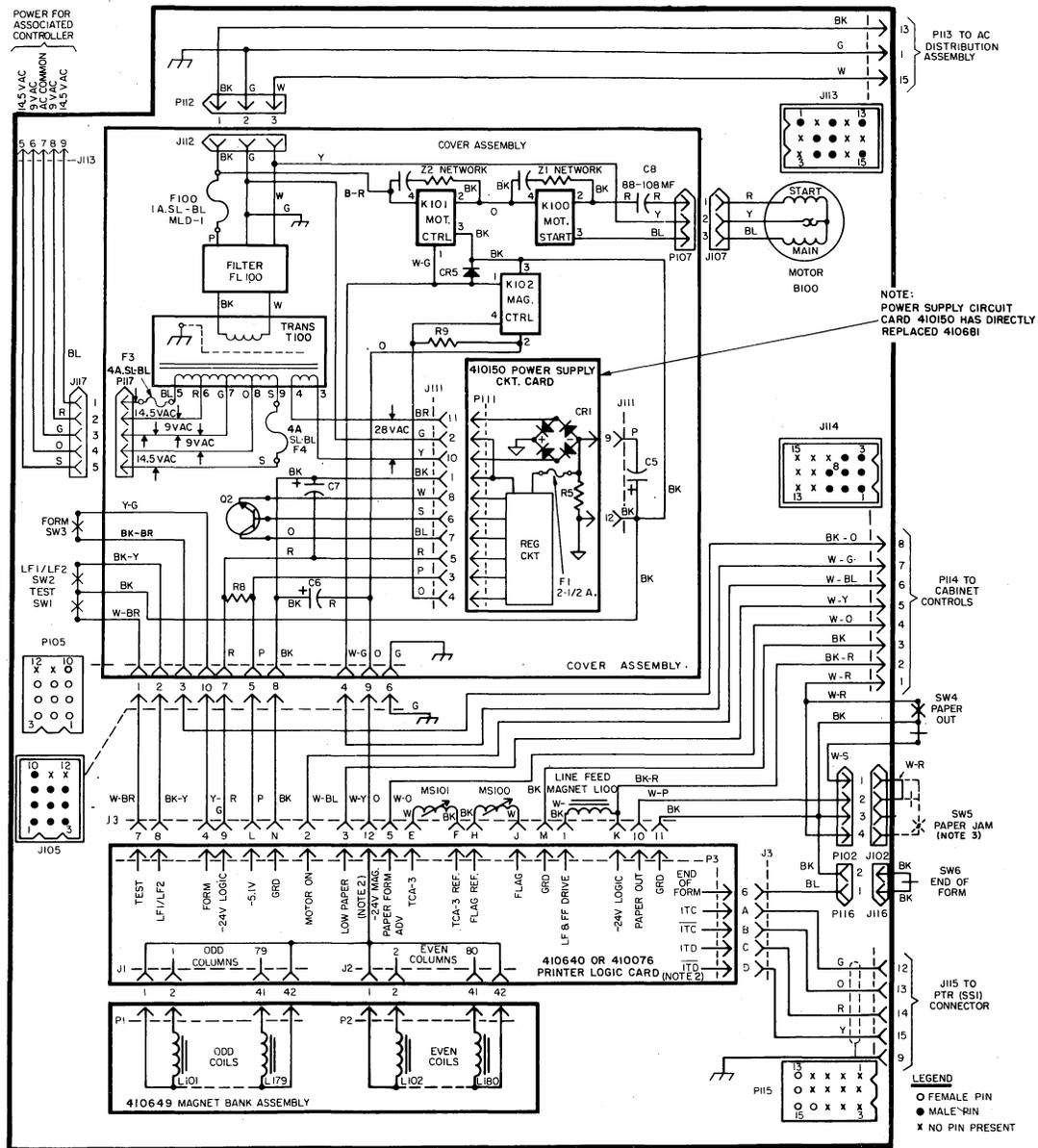
Fig. 7

Note 1: ○ Female pin
● Male pin
X No pin present

Note 2: If printer contains a 410640 logic card of assembly Issue 15J or earlier, pins 1 and 42 of J1 and J2 are connected to the -24 V magnet supply line. If the printer contains a 410640 logic card of Issue 16A or later or a 410076 logic card, pins 1 and 42 of J1 and J2 are connected circuit ground.

Note 3: Paper jam switch is optional (Modification Kit 402920).

40P153/ZZ 80-COLUMN TRACTOR FEED PRINTER WITHOUT CIRCUIT CARD 410082



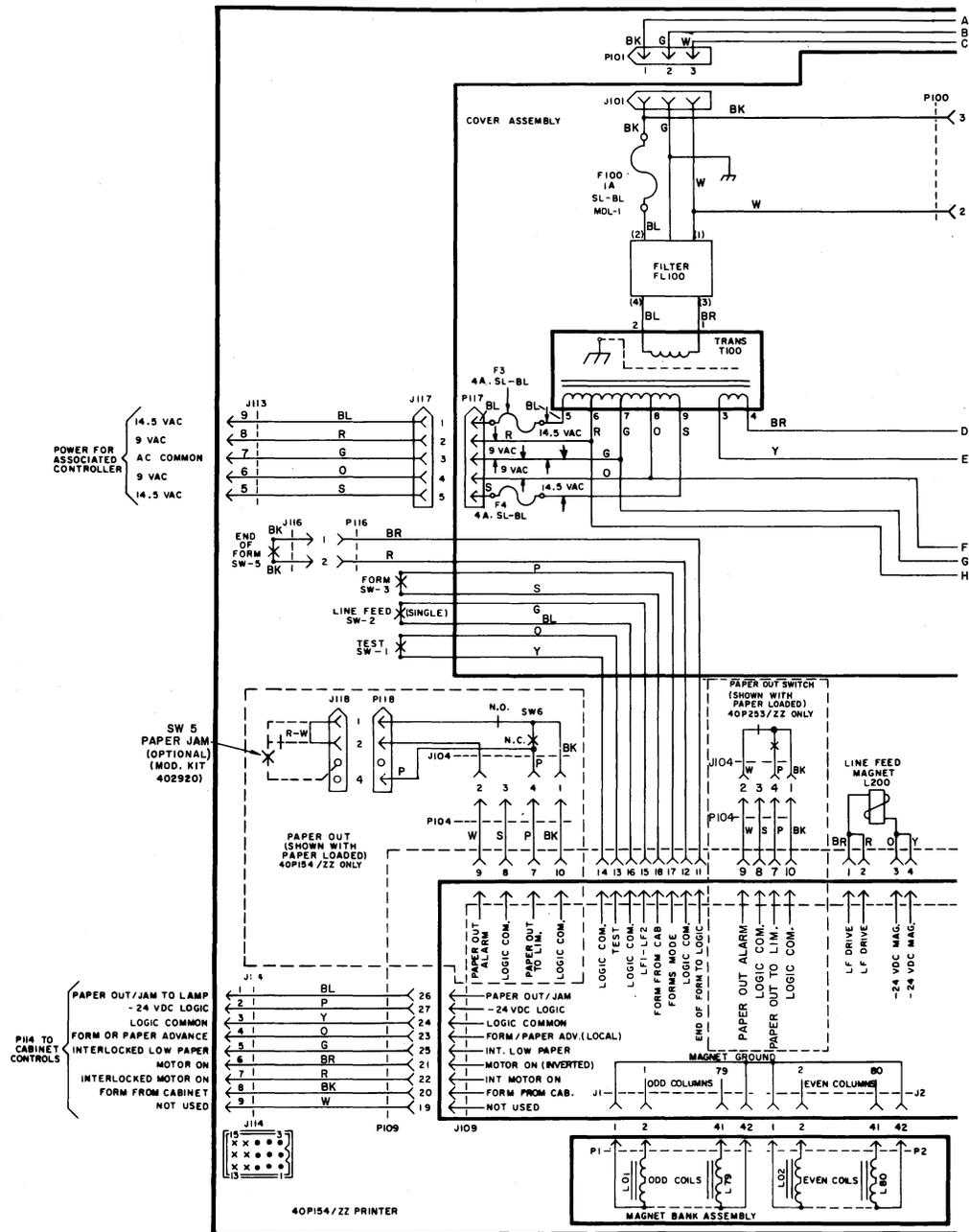
Note 1: ○ Female pin
 ● Male pin
 X No pin present

Note 2: If printer contains a 410640 logic card of assembly Issue 15J or earlier, pins 1 and 42 of J1 and J2 are connected to the -24 V magnet supply line. If the printer contains a 410640 logic card of Issue 16A or later or a 410076 logic card, pins 1 and 42 of J1 and J2 are connected circuit ground.

Note 3: Paper jam switch is optional (Modification Kit 402920).

Fig. 8

40P154/ZZ AND 40P253/ZZ 80-COLUMN TRACTOR FEED PRINTER



Note 1: Legend
 O Female pin
 ● Male pin
 X No pin present

Note 2: Grounding Option — Inserting Option Screw A on component side of 410151 circuit card connects -24 V dc circuit common to chassis. Inserting Option Screw B on component side of 410151 circuit card connects -24 V dc circuit common to +11.3 V dc circuit common. Inserting Option Screw A or B into noncomponent side of card leaves connection open. Refer to Option 61.

Fig. 9

40P154/ZZ AND 40P253/ZZ 80-COLUMN TRACTOR FEED PRINTER (Contd)

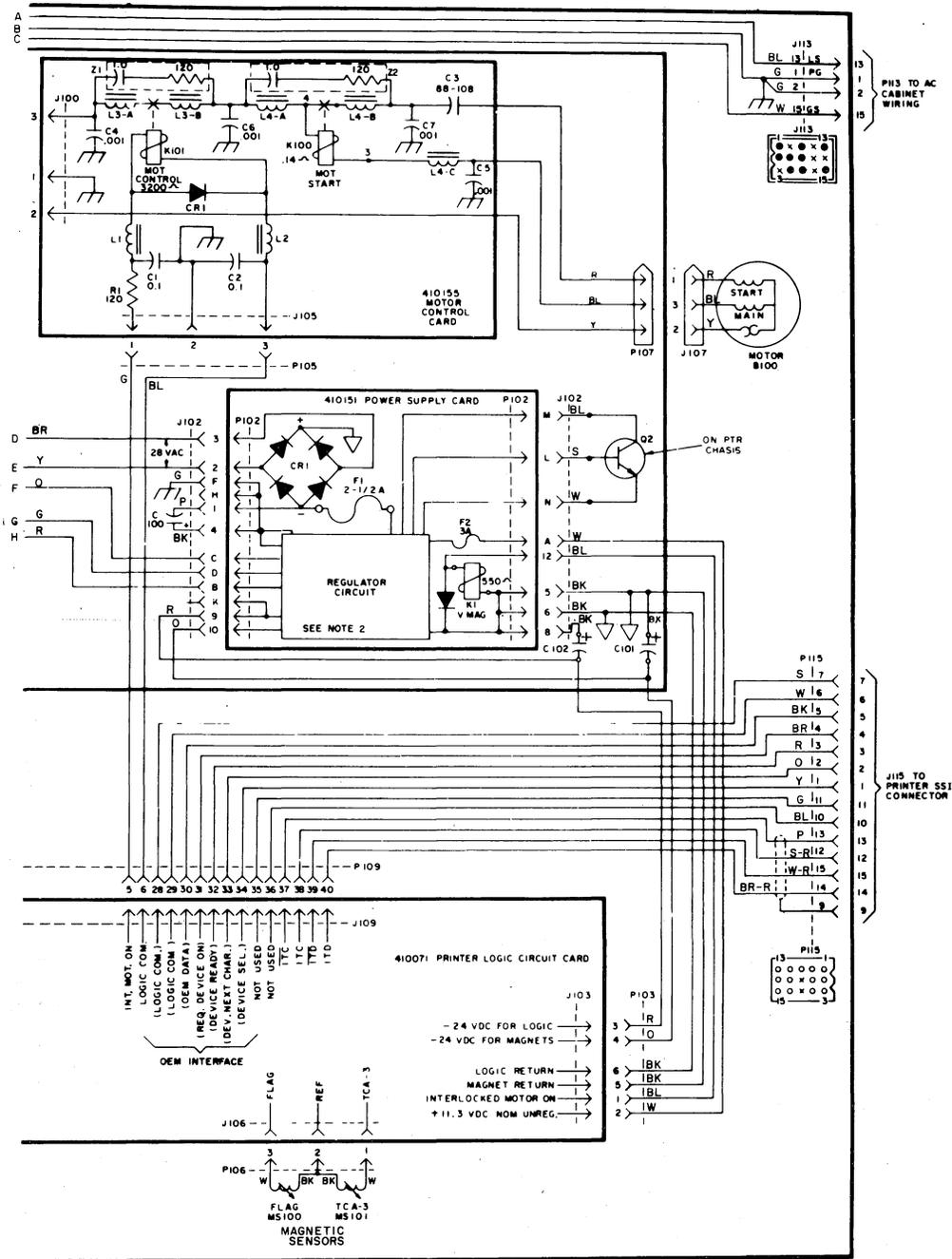


Fig. 9 (Contd)

40P201/ZZ AND 40P202/ZZ 132-COLUMN TRACTOR FEED PRINTER (Contd)

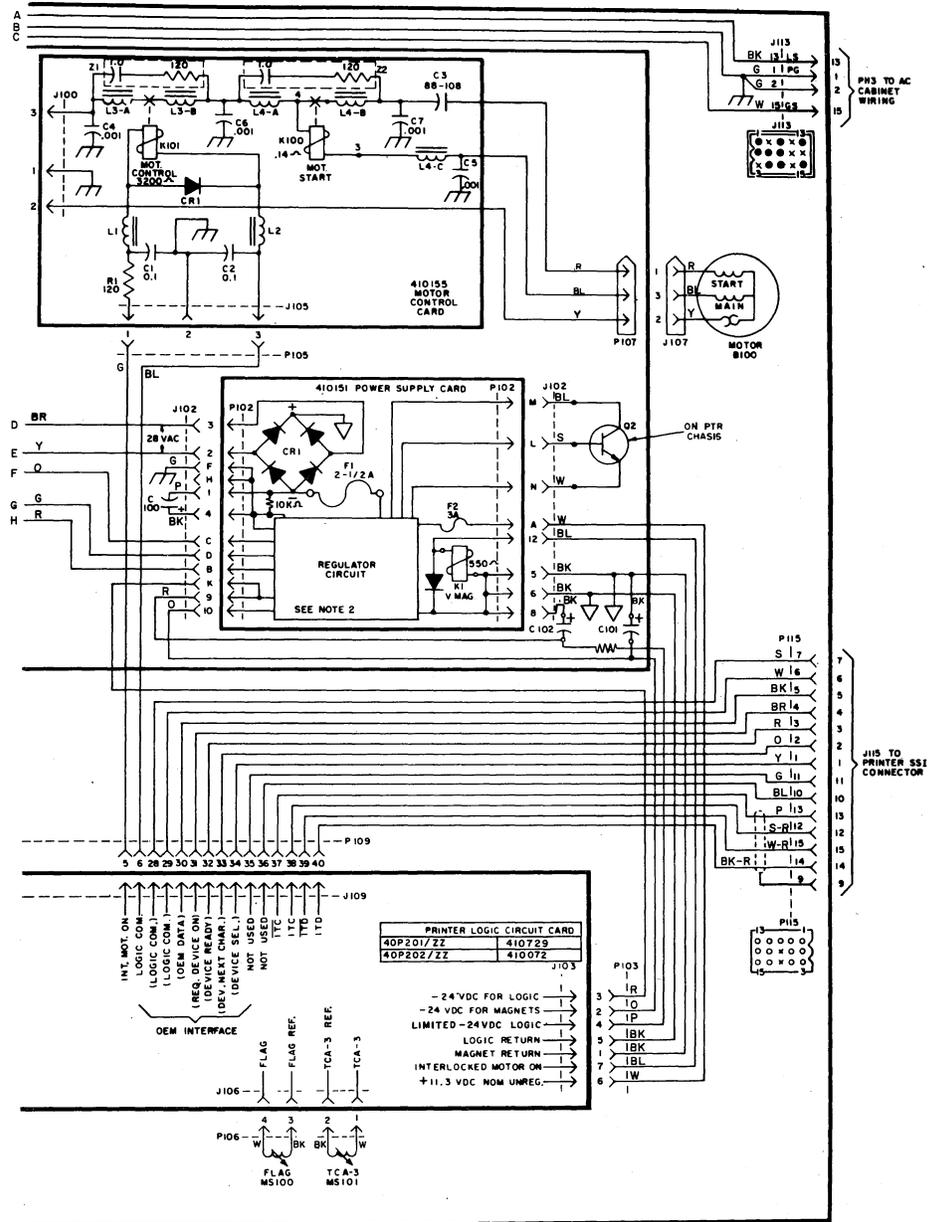
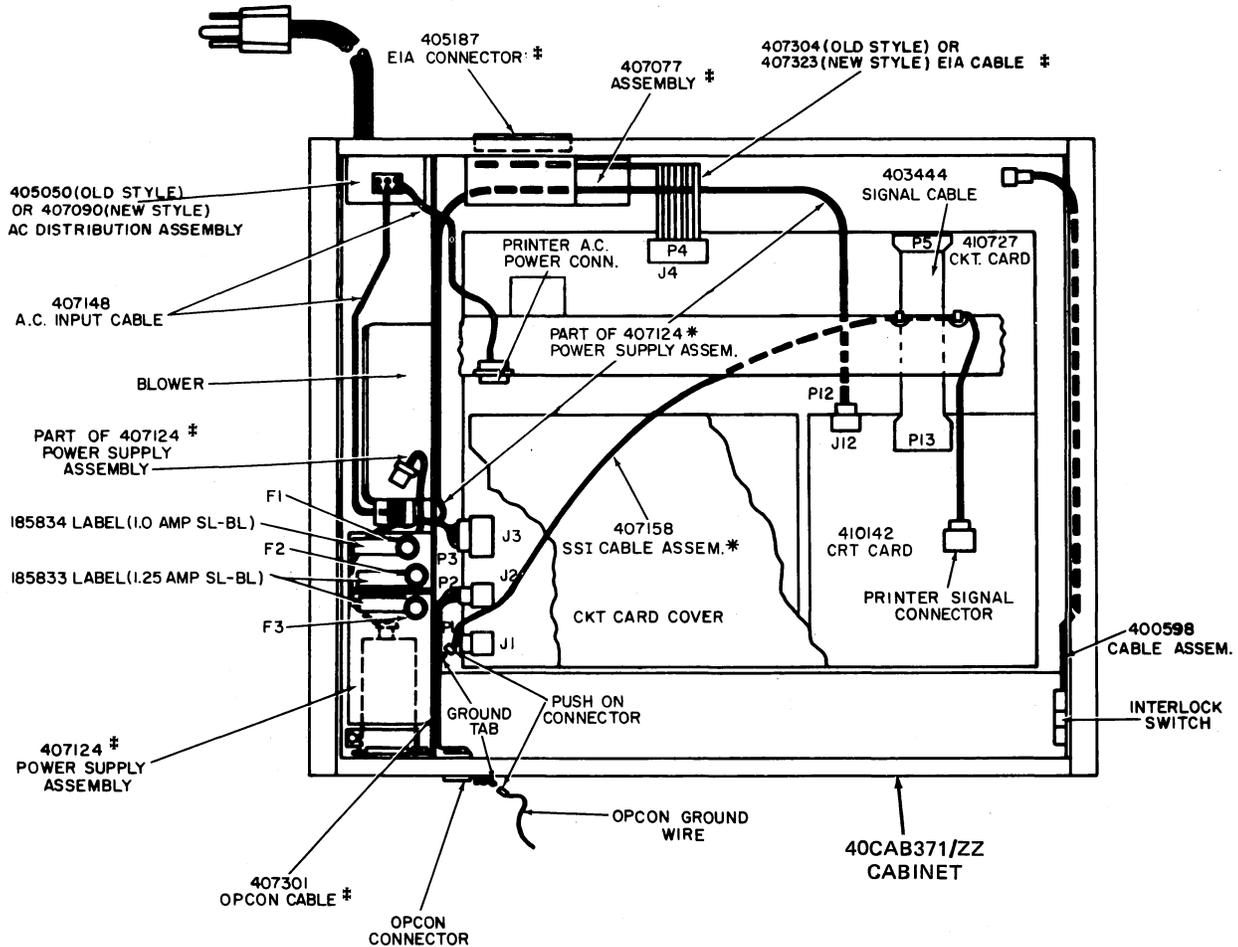


Fig. 10 (Contd)

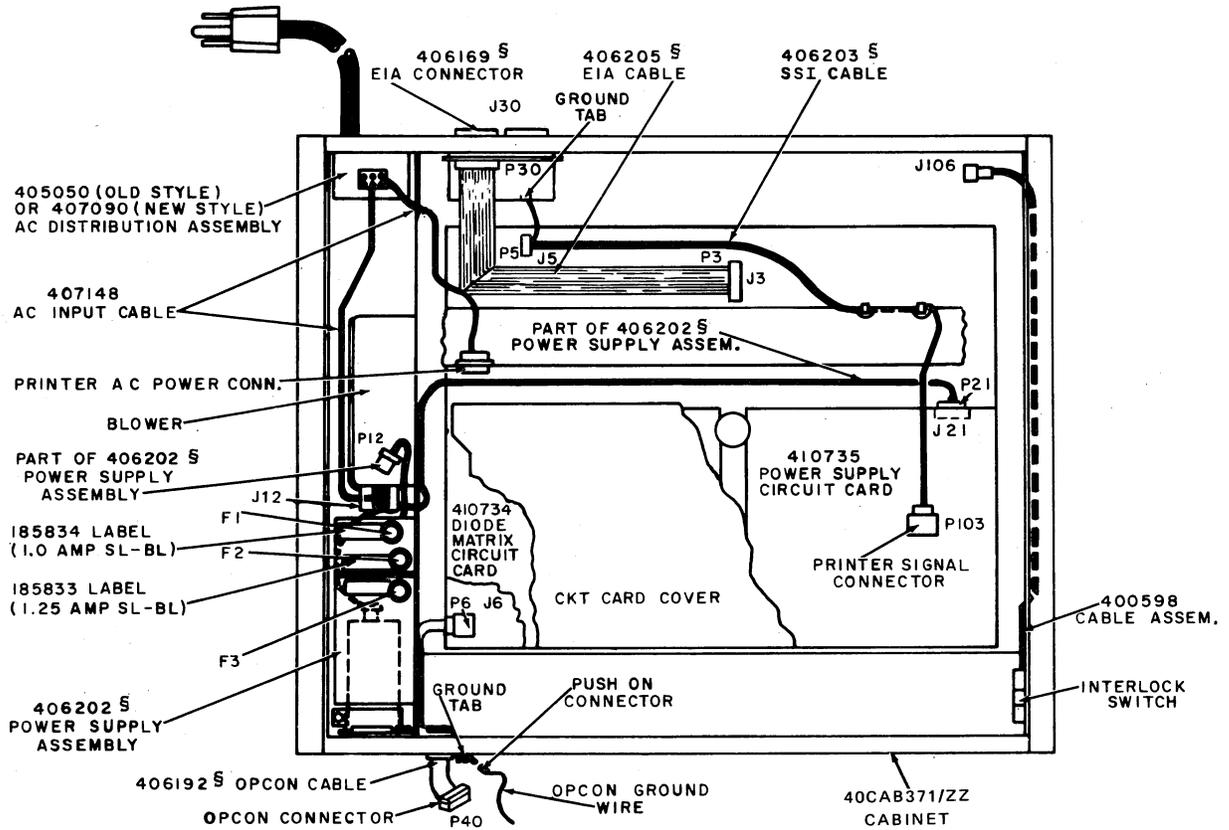
CABLE ROUTING FOR FRICTION FEED CABINETS EQUIPPED WITH MODIFICATION KIT 407101
(FOR 40C303AA/001 CONTROLLERS)



Note: Parts marked with a (*) are part of Modification Kit 407101.

Fig. 11

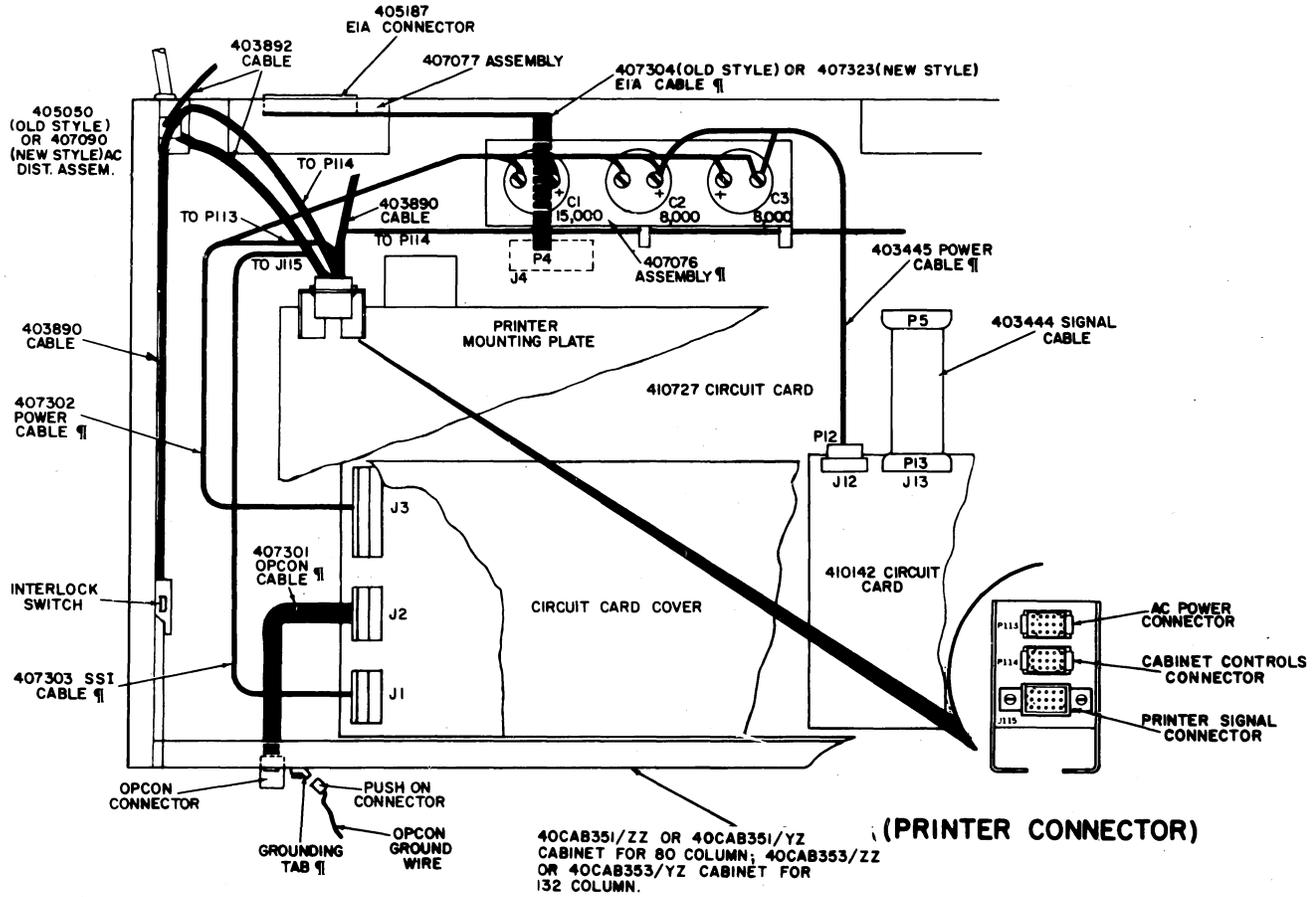
CABLE ROUTING FOR FRICTION FEED CABINETS EQUIPPED WITH MODIFICATION KIT 406204
(FOR 40C303AD CONTROLLERS)



Note: Parts marked with a (s) are part of Modification Kit 406204.

Fig. 12

CABLE ROUTING FOR TRACTOR FEED CABINETS EQUIPPED WITH MODIFICATION KIT 407024
(FOR 40C303AA/001 CONTROLLERS)

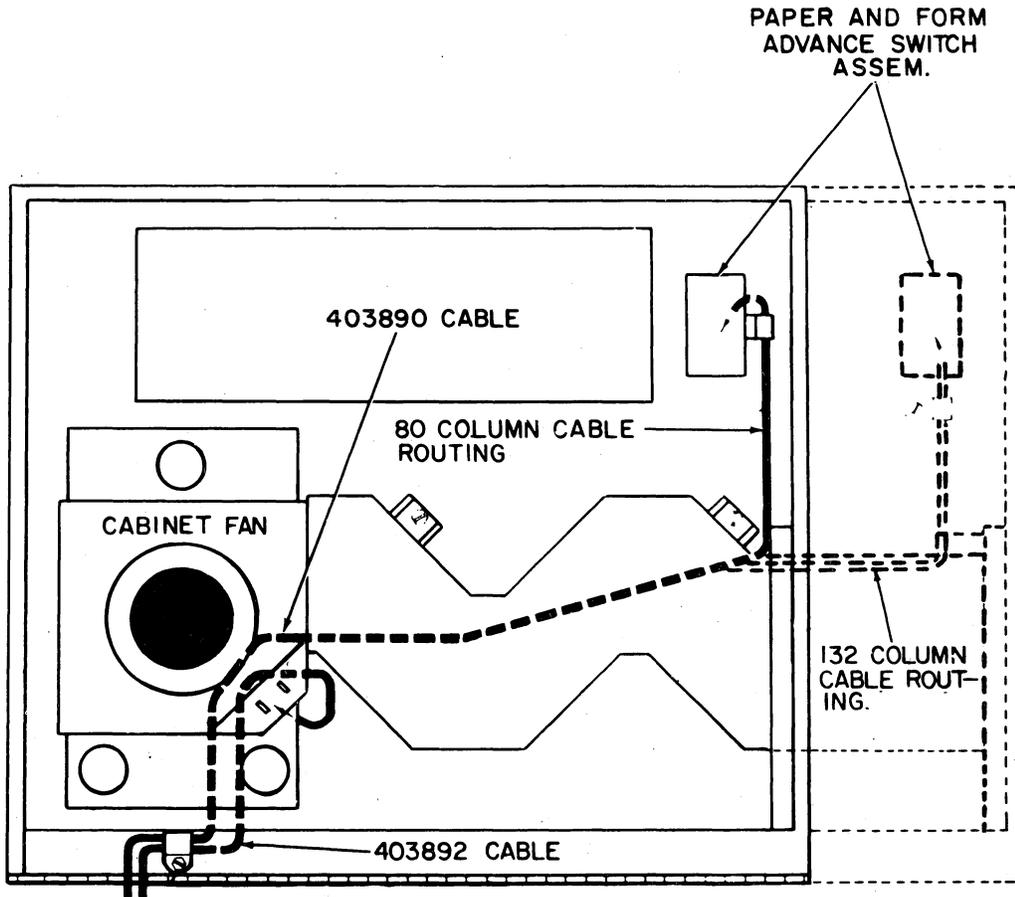


(View of Cabinet Base)

Note: Parts marked with a (¶) are part of Modification Kit 407024.

Fig. 13

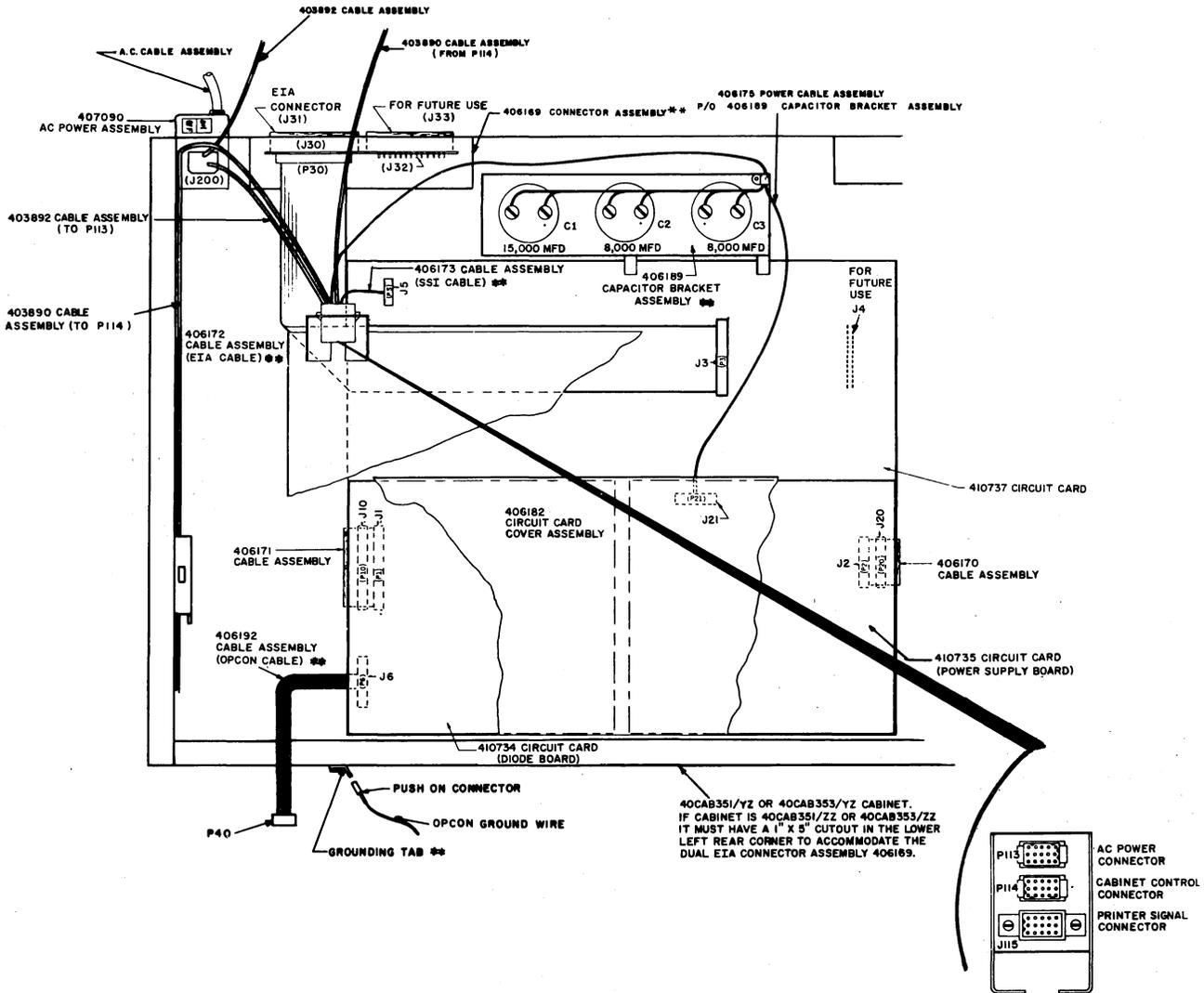
CABLE ROUTING FOR TRACTOR FEED CABINETS EQUIPPED WITH MODIFICATION KIT 407024
(FOR 40C303AA/001 CONTROLLERS) (Contd)



(View of Cabinet Cover)

Fig. 13 (Contd)

CABLE ROUTING FOR TRACTOR FEED CABINETS EQUIPPED WITH MODIFICATION KIT 406190 (FOR 40C303AD CONTROLLERS)



Note: Parts marked with a (**) are part of Modification Kit 405190.

(View of Cabinet Base)

Fig. 14

408065-408068 DATA SET CABLE

341977 Connector		341978 Connector	
1	OUTER DRAIN WIRE	1	
2	BR	2	
3	R	3	
4	O	4	
5	Y	5	
6	G	6	
7	INNER DRAIN WIRE	7	
8	P	8	
11	S	11	
12	W-G	12	
15	BK	15	
17	W-BR	17	
20	W-R	20	
22	W-O	22	
23	W-Y	23	
25	BL	25	

ACTUAL WIRING

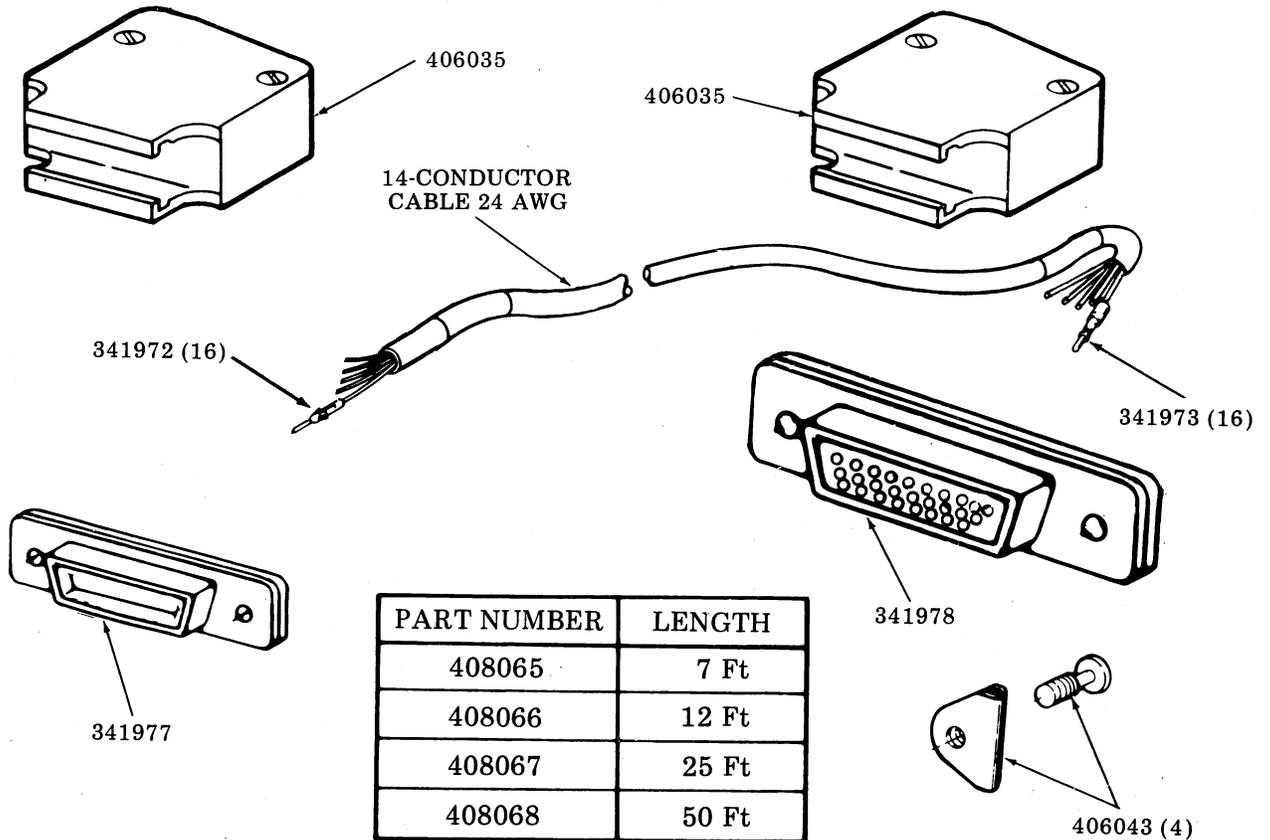


Fig. 16