

INTEGRATED SYNCHRONOUS "DATASPEED\*" 40 RECEIVE-ONLY PRINTER STATION  
DISASSEMBLY/REASSEMBLY AND PARTS

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*Note:* When ordering replaceable components, unless otherwise specified, prefix each part number with the letters "TP" (e.g. TP410055).

2. DISASSEMBLY/REASSEMBLY  
OPERATOR CONSOLE (Opcon)

2.01 Reference in the procedures to left or right and up or down and top or bottom, etc, refer to the opcon in its normal operating position.

2.02 For removal of subassembly or parts from the opcon refer to Section 582-211-700.

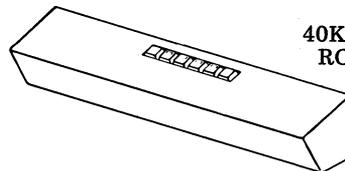
2.03 To remove 40K003/AAB opcon from cabinet:

- (a) Place thumb on left inward tab of opcon and press downward to unlatched position.
- (b) Hold opcon firmly with left hand; with right hand place thumb on right inward tab and press downward to unlatch position.
- (c) Pull opcon forward.
- (d) Slide opcon ground strap terminal off of cabinet terminal tab.
- (e) Remove connector of cable 406192 from opcon circuit card.

1. GENERAL

1.01 This section provides instructions for disassembly and reassembly of Integrated Synchronous DATASPEED 40 Receive-Only Printer (ROP) Stations. A list of field-replaceable parts for the controller and its cables, indexed to the instructions for their access, is included.

1.02 This section is reissued to include information pertaining to forms access printer arrangements. Since this reissue is a general revision, no revision arrows have been used to denote significant changes.

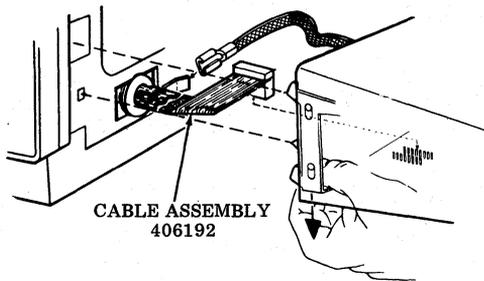


40K003/AAB  
RO Opcon

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## SECTION 582-202-700

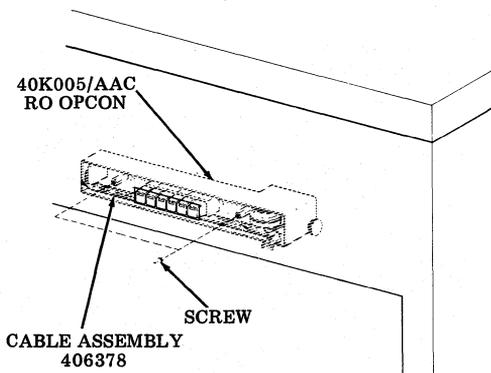
- 2.04 To replace the 40K003/AAB opcon reverse the steps of 2.03.



- 2.05 To remove 40K005/AAC opcon from forms access cabinet:

- (a) Open right and left doors of cabinet.
- (b) Hold opcon firmly with left hand.
- (c) Remove two screws.
- (d) Remove opcon from inside of cabinet.
- (e) Remove connector of 406378 cable from opcon circuit card.

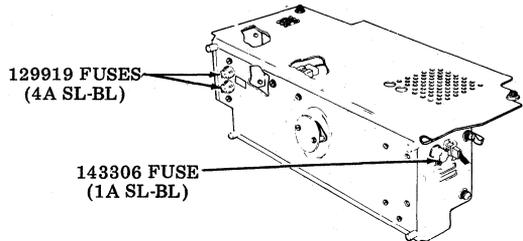
- 2.06 To replace the 40K005/AAC opcon reverse the steps of 2.05.



## PRINTER

- 2.07 To remove printer from cabinet and replace refer to Section 582-210-750.

- 2.08 Location of fuses:



## CONTROLLER

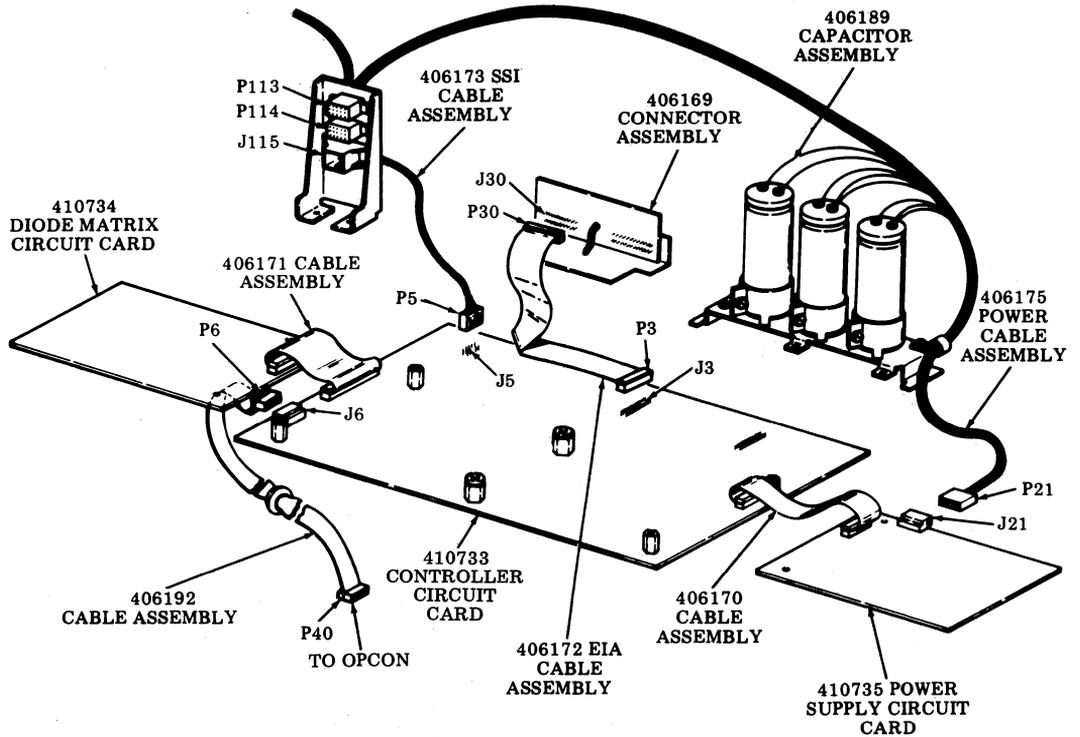
*Caution: BEFORE handling the integrated controller, observe and follow the static discharge grounding precautions detailed in Section 582-202-200.*

- 2.09 Precautions should be taken to assure that the controller is disassembled and reassembled under clean conditions. No oil, grease, or other liquids should be present on loose parts, circuit cards, or cable connectors.

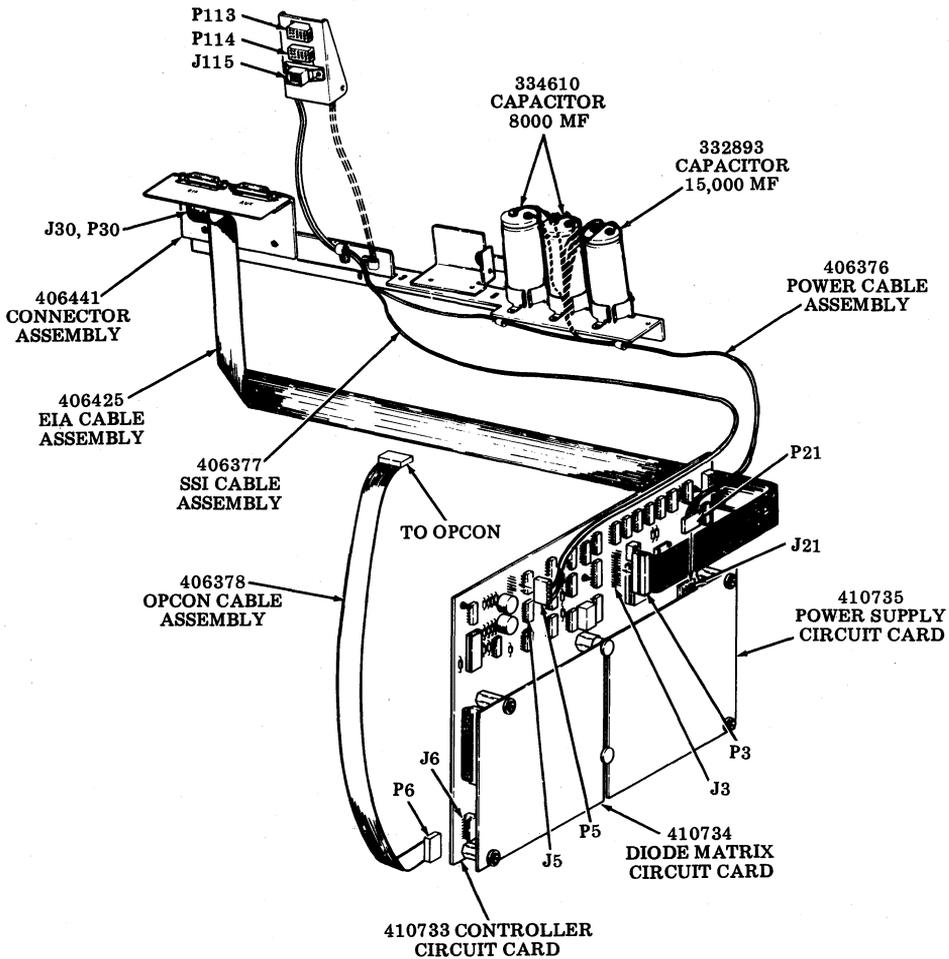
- 2.10 To remove controller from cabinet and replace refer to Section 582-202-200.

2.11 Controller Cabling and Connections

40C303AC/003 Controller for Tractor Feed Table Top Applications



40C303AC/003 Controller for Forms Access Applications



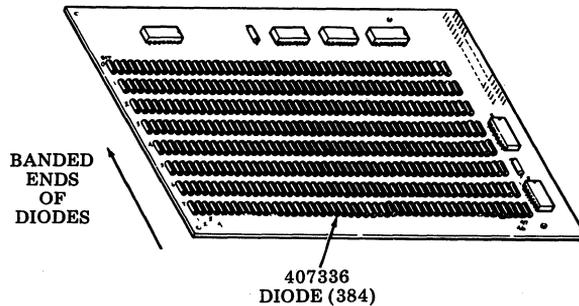
**2.12 To remove diode 407336 from card:**

- Remove controller (refer to Section 582-202-200).
- Remove controller cover (refer to Section 582-202-200).
- Remove diode matrix card and invert (refer to Section 582-202-200).

① For option purposes, diode should be cut at each end with 408071 cutting pliers and removed completely.

② To reinstall a cut diode, unsolder the cut ends of the previous diode and remove. Insert new diode (see Note) with banded end facing circuit packs as shown above, bend leads, clip off excess, and resolder.

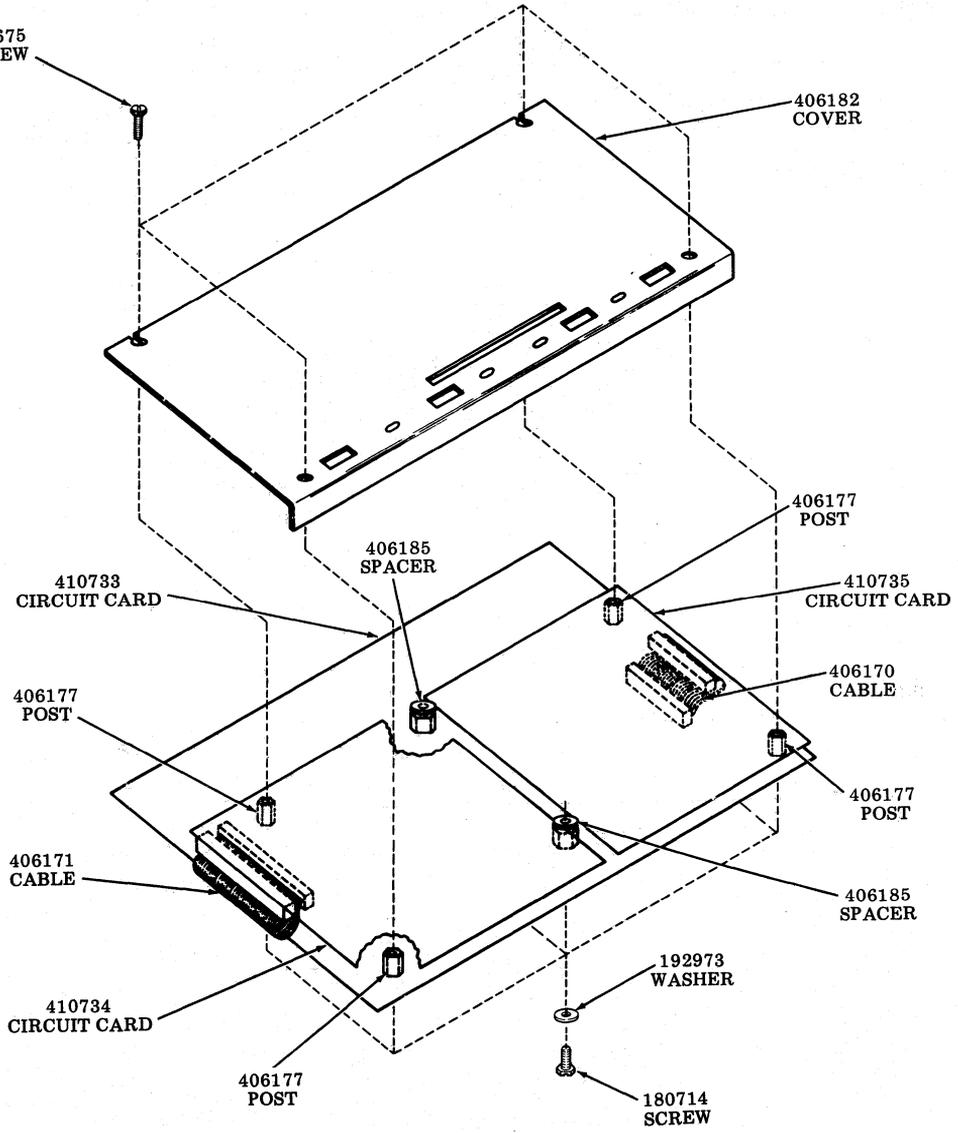
*Caution: Soldering iron not to exceed 60 watts.*



410734 Diode Matrix Card (Inverted)

2.13 Parts Location

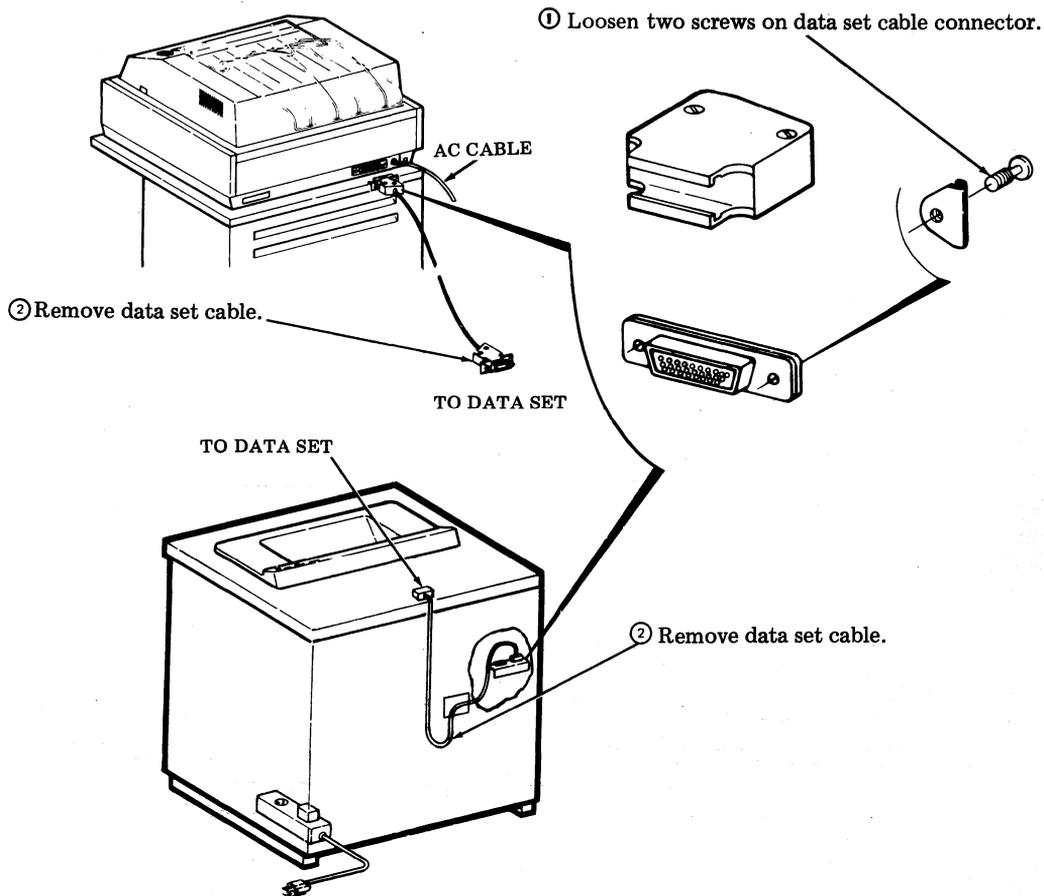
40C303AC/003 Controller



CABINET

2.14 For removal of subassemblies or parts from the cabinet refer to Section 582-212-700.

2.15 To remove data set cables:



## 3. PARTS

## GENERAL

3.01 All field-replaceable components of the controller and its cables are listed in the following index, showing the page number of this

section on which their access is provided. An illustration of each component will be found on the indicated page.

3.02 Orders for components should prefix each part number with the letters "TP" (e.g. TP410055).

## INDEX OF REPLACEMENT PARTS

## A. Opcon

OPCON		
PART NO.	DESCRIPTION	PAGE NO.
40K003/AAB	Opcon	1, 2
40K005/AAC	Opcon	2

## B. Printer

PART NO.	DESCRIPTION	PAGE NO.
129919	Fuse, 4A SL-BL	2
143306	Fuse, 1A SL-BL MDL-1	2

## C. Controller

40C303AC/003 CONTROLLER		
PART NO.	DESCRIPTION	PAGE NO.
180675	Screw, # 6 Self-Tapping	6
180714	Screw, #6 Self-Tapping	6
192973	Washer, Insulating	6
406170	Cable Assembly	3, 6
406171	Cable Assembly	3, 6
406177	Post	6
406182	Cover	6
406185	Spacer	6
407336	Diode	5
410733	Circuit Card	3, 4, 6
410734	Circuit Card	3, 4, 5, 6
410735	Circuit Card	3, 4, 6

## D. Cabinets

40CAB302/ZZ FORMS ACCESS CABINET		
PART NO.	DESCRIPTION	PAGE NO.
332893†	Capacitor	4
334610†	Capacitor	4
406376†	Cable Assembly, Power	4
406377†	Cable Assembly, SSI	4
406378‡	Cable Assembly, Opcon	2, 4
406425†	Cable Assembly, EIA	4
406441†	Connector Assembly, EIA	4

†Part of 406372 modification kit (406372 modification kit converts a 40CAB302/ZZ cabinet into a 40CAB302/AA — refer to Specification 50953S). The 406372 modification kit is used with 40C303AC/003 controller.

‡Part of 40K005/AAC opcon.

40CAB351 OR 40CAB353/YZ TRACTOR FEED CABINET		
PART NO.	DESCRIPTION	PAGE NO.
406169 §	Connector Assembly, Dual	3
406172 §	Cable Assembly, EIA	3
406173 §	Cable Assembly, SSI	3
406175 §	Cable Assembly, Power	3
406189 §	Bracket Assembly, Capacitor	3
406192 §	Cable Assembly, Opcon	3

§ Part of 406190 modification kit (406190 modification kit converts a 40CAB351/YZ cabinet into a 40CAB351/AE and a 40CAB353/YZ cabinet into a 40CAB353/AD — refer to Specification 50915S). Cabinets coded 40CAB351/ZZ and 40CAB353/ZZ may also be used with the 406190 modification kit, however, the cabinet must have a 1-inch by 5-inch cutout in the lower left rear corner to accommodate the dual EIA connector assembly (406169).