

**TANDY 1000 / TRS-80 MODEL III, 4, 4P, 4D
SECONDARY HARD DISK CABLE KIT**

Catalog Number 25-1026

INTRODUCTION

This cable kit allows the connection of a secondary Hard Disk to the Tandy 1000 or to a TRS-80 Model III, 4, 4P or 4D. The kit includes:

1. one 20 position DATA cable
2. one 34 position CONTROL cable
3. two tie wraps, 1/8 x 8 inches

Tandy 1000: Your first external hard disk, Drive C, as well as your second external Hard Disk, Drive D, may be any combination of:

10 megabyte	Cat. No. 25-1025
15 megabyte	Cat. No. 26-4156
35 megabyte	Cat. No. 26-4172

This cable kit is used to connect Drive D.

Model III, 4, 4P, 4D: When used in conjunction with these units, equipped with two floppy drives, 0 and 1, a Hard Disk controller, Cat. No. 26-1138 and one external 10 megabyte Hard Disk, Drive 2, you can add a secondary, Drive 3, 10 megabyte Hard Disk.

TANDY 1000 SECONDARY DRIVE CONNECTIONS

Note: Review all required removal and installation steps outlined in the Hard Disk Controller Board Manual before proceeding. Also, if you are using a 10 megabyte Hard Disk as Drive D, make sure that it has been configured internally, to perform as a secondary, by your local Radio Shack service facility.

1. Follow the instructions within the Tandy 1000 Hard Disk Controller Board Installation and User's Guide for installation and cabling of your first external Hard Disk.
2. Before you install these cables for your second external Hard Disk, Drive D, verify it's type from Chart One of the Controller Board Guide. Then, place the jumpers on the appropriate pins, based on Chart Three of the Guide.
3. Two possible drive configurations are shown in Figure 1 and Figure 2. When inserting your DATA cables into your particular Drive C and Drive D, always make sure that the cables are inserted into their respective units.

In our example, Drive D is shown above Drive C. Although we have shown Drive D uppermost, it could also be beneath Drive C. The only caution to be noted is that if a 10 megabyte Hard Disk is used, either as Drive C or as Drive D, it should always be placed on top of the other unit.

TRS-80 MODEL III, 4, 4P and 4D SECONDARY DRIVE CONNECTIONS

Note: Before connecting a 10 megabyte Hard Disk as Drive 3, make sure it has been configured internally to perform as a secondary by your local Radio Shack service facility.

1. Turn the Hard Disk Controller cabinet over. Position the cabinet so the heat sink is away from you. Remove the 4 screws that hold the cover in place. Slide the cover off toward the front of the cabinet.
2. Refer to Figure 3. Locate the 20 pin connector strips labeled J6 and J7 on the printed circuit board. J7 should have no connection at this time. Do not remove the cable presently connected to J6. Instead follow the cable from J6 to the plastic tie wrap just above and behind the heat sink. Cut the tie and discard it. Unwrap the cable and extend it fully.
3. Orient the new 20 pin data cable (the longer of the two) so that the copper foil strip on the cable is furthest from the circuit board. If you are installing this cable kit with the full-height 10- 15- or 35-megabyte hard drive, then orient the connector as shown in Figure 3 so that the cable comes from it toward the heat sink end of the board. If you are installing this cable kit with the thin-line 10-megabyte hard drive, then orient the connector so that the cable comes from it away from the heat sink end of the board (toward J6). Push the 20 pin socket onto the pins of J7. Do not force the connector.
4. Layer and fold both cables (from J6 and J7) according to Figure 3 so that the new cable from J7 lies under the existing cable from J6 and that the copper foil on the new cable is placed firmly against the metal ledge above the heat sink. Secure both cables with the new, longer tie wrap supplied. Wrap the other tie around the folded sections adjacent to sockets J6 and J7.
5. Insert the short 34 pin extension cable into the socket of the cable originating from J4, oriented as shown in Figures 3 and 4.
6. Slide the cover in place and secure it with the 4 screws.
7. Place Drive 2 on top of the Controller cabinet. Place Drive 3 on top of Drive 2 as shown in Figure 4.
8. Insert the two data cables into their respective drives and the control cable as shown along with re-connecting the cable to the computer.

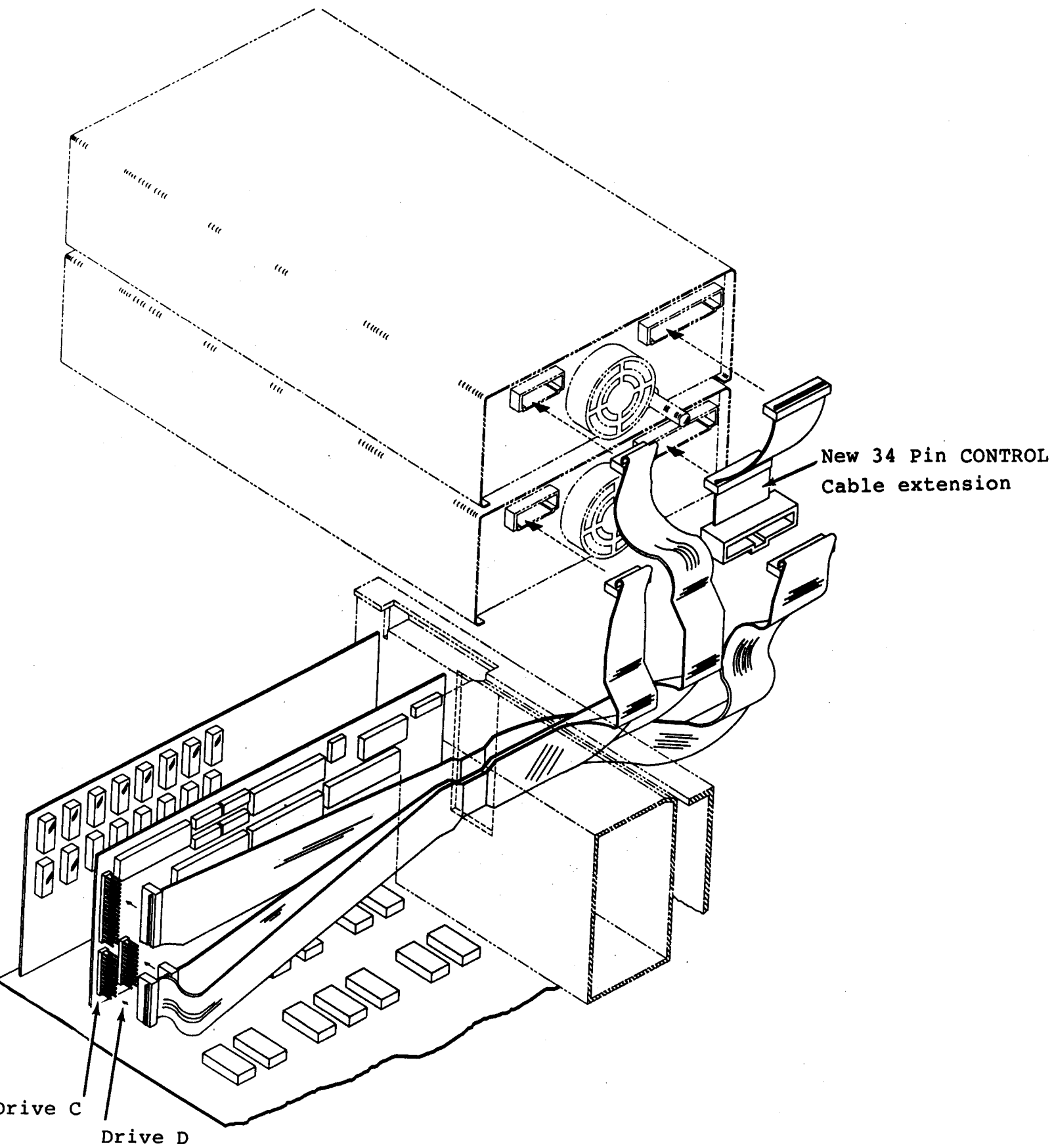


Figure 1

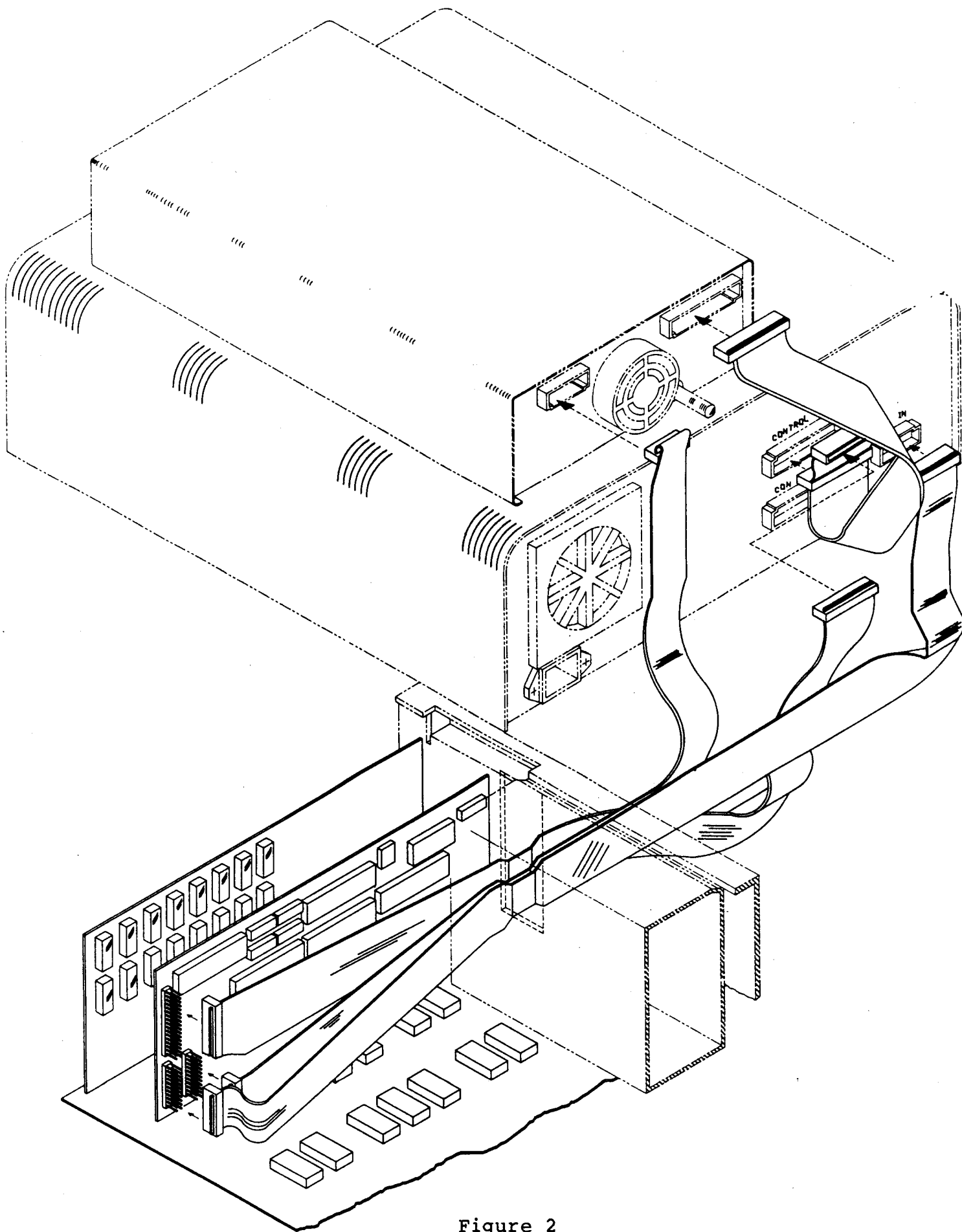


Figure 2

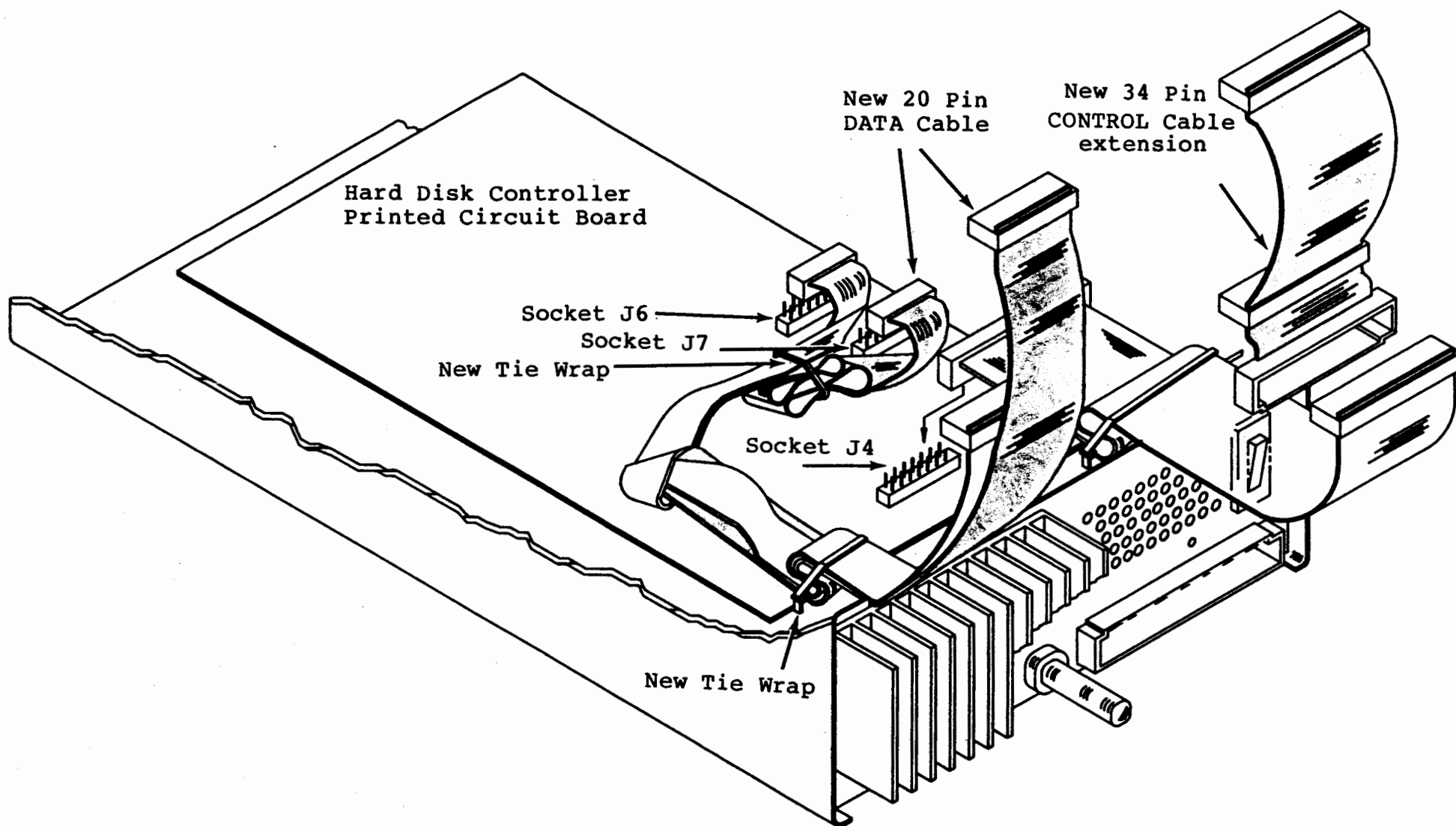


Figure 3

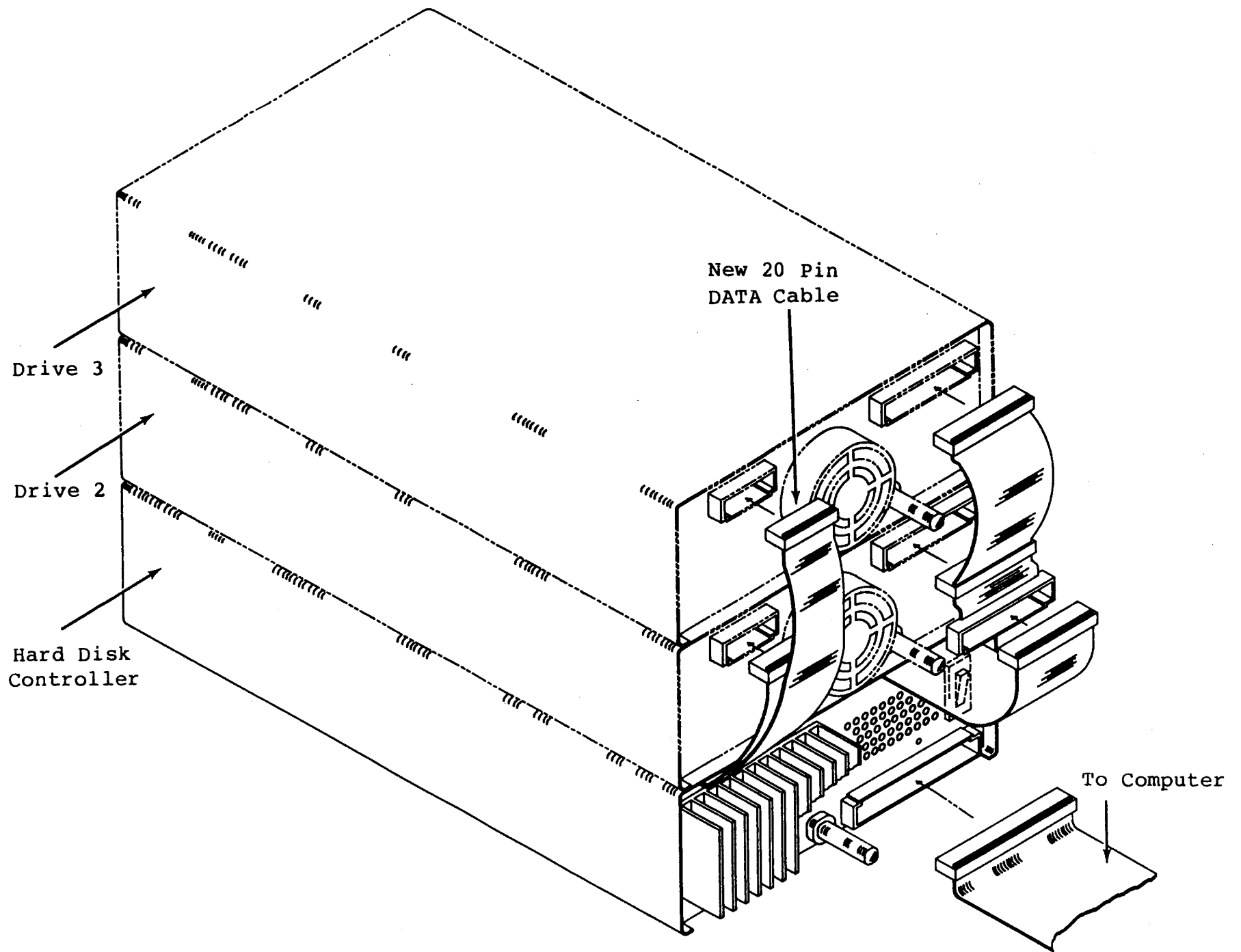


Figure 4