

INSTALLATION MANUAL P/N 108 637B SERIAL CABLE KIT

DESCRIPTION AND OPERATION

This kit includes the cables and adapters required to download production data from serial port #2 of your microprocessor-based controller. This data can be written to the floppy disk of the ADPI portable disk drive or an IBM-compatible AT or XT computer. From there, the data can be retrieved by a spreadsheet or database program, and utilized as required.

AVAILABLE HOOK-UP COMPONENTS

Your Serial Cable Kit includes the components in the following list. Some modification of the cable assembly may be required, depending on which interface hook-up is made.

Cable Kit Component List

Ref.	Note	Part No.	Description	Qty.
—		138 984	Cable Kit, Serial, Fig. 1	1
1		135 592	• Adapter, DB25 (M), MMJ to Male 25-pin	1
2		135 588	• Cable Assembly, 25-foot	1
3		135 592	• • Adapter, DB25 (M), MMJ to Male 25-pin	1
4		135 594	• • Adapter, DB25 (F), MMJ to Female 25-pin	1
5		135 583	• • Cable, MMJ connectors, 6-cond., 25-foot	1
6		135 595	• Cable, IBM AT, DB25 (M) conn. and DB9 (F) Conn.	1

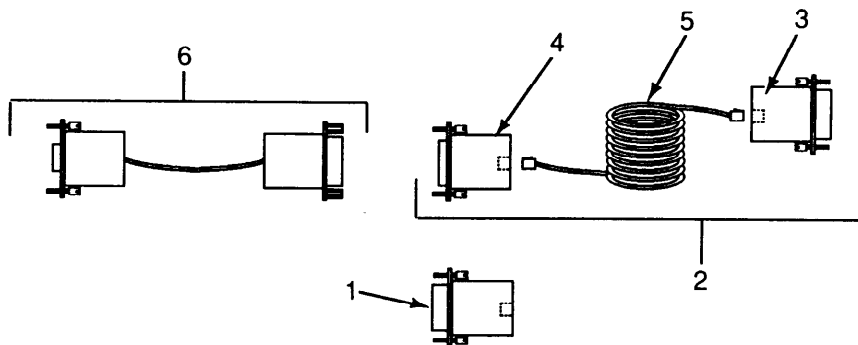


Figure 1 — Serial Cable Kit

Optional Cables and Cable Assemblies

Ref.	Note	Part No.	Description	Qty.
NS		135 586	Cable Assembly, 10-foot	1
NS		135 582	• Cable, MMJ connectors, 6-cond., 10-foot	1
NS		135 590	Cable Assembly, 50-foot	1
NS		135 584	• Cable, MMJ connectors, 6-cond., 50-foot	1

ADAPTER/CONNECTOR HOOK-UP

Make sure each MMJ connector is seated in the proper adapter — the locking tab of the connector will keep the connection in place. Also make sure that all adapter screws are tightened so that cables cannot become loose from an accidental bump or vibration.

Depending on your application, choose the proper interface type; then, refer to the figure on the next page and perform the following steps for your hook-up:

For connection to ADPI disk drive:

1. Take cable assembly and remove the DB25 (F) female adapter (P/N 135 594) from the end of the cable.
2. Install DB25 (M) male adapter (P/N 135 592) on end of cable.
3. Connect one end of the cable assembly to Serial Port 2 of the controller.
4. Connect the other end of the cable assembly to the input serial port on the disk drive.

For connection to XT-compatible computer:

1. No alteration of cable assembly is required — Connect DB25 (M) male adapter of cable assembly to Serial Port 2 of the controller.
2. Connect DB25 (F) female adapter of cable assembly to the input serial port of the XT-compatible computer.

For connection to the AT/386-compatible computer:

1. No alteration of cable assembly is required — connect DB25 (M) male adapter of cable assembly to Serial Port 2 of the controller.
2. Connect DB25 (F) female adapter of the cable assembly to the DB25 (M) connector of the IBM AT cable.
3. Connect the other end of the IBM AT cable to the DB9 (M) male input serial port on the AT/386-compatible computer.

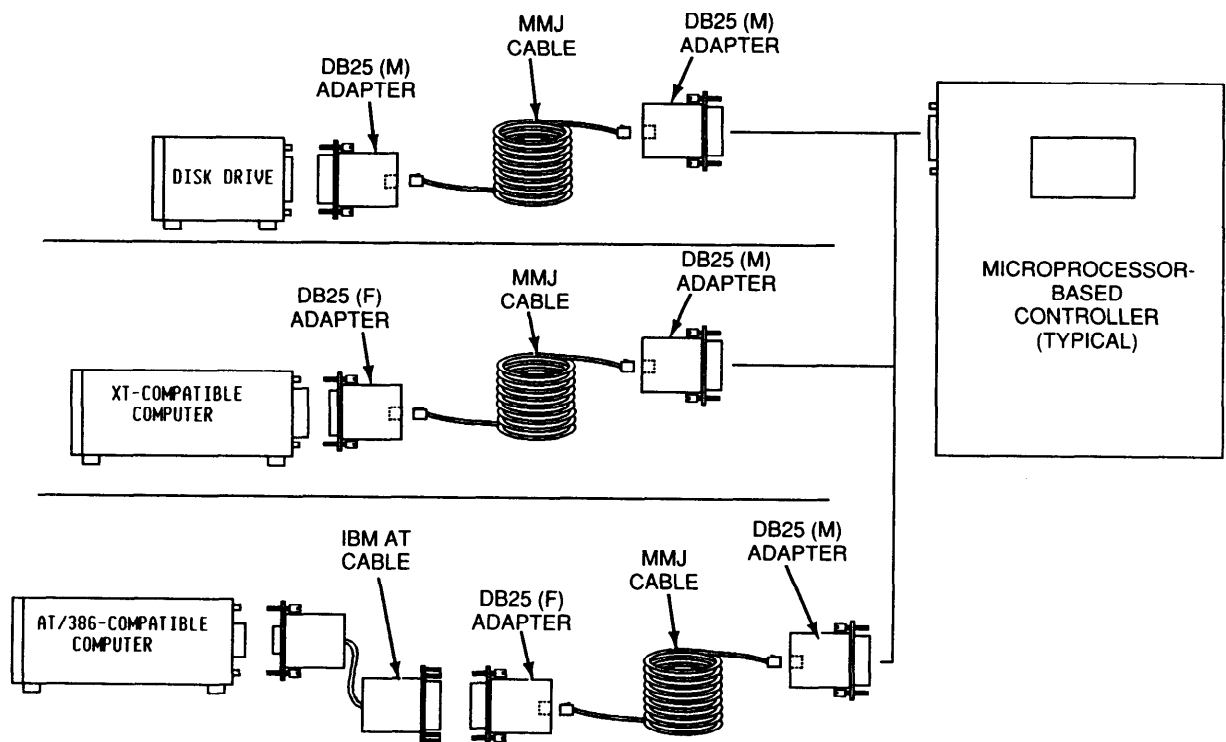


Figure 2 — Disk Drive or Computer Hook-Up to Controller

