
Section 7. Diskette Drive

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About This Section

This section contains information about the diskette drive used in the IBM 6151 System Unit.

The IBM 6151 System Unit can only have one diskette drive installed. The diskette drive is the IBM High Capacity Diskette Drive.

The fixed-disk drive and diskette drive share a fixed-disk and diskette drive adapter.

Pages in this section contain a 3-digit product code in the page number to make future updating easier.

Handling a Diskette Drive

Read and become familiar with the following diskette drive *handling precautions*.

- Do not remove the antistatic bag from the drive until you are ready to install the drive in the system unit.
- Do not grasp the center part of the diskette drive when you are handling the drive. The squeezing action could damage the circuit board. Handle the drive by the frame only.
- Do not drop or lay the diskette drive down roughly, because that action may permanently damage the drive.

Observe the following general procedures, in addition to the specific procedures given in Section 4, to protect the drive from static discharges.

1. Lay the diskette drive (still wrapped in its antistatic bag) on a flat surface near the system unit.
2. Position yourself so you won't have to walk around while exchanging the drive. This helps prevent the generation of static electricity.
3. Touch a metal part of your system unit with one hand and the antistatic bag with the other hand. This will place your body, the drive, and the system unit at the same ground potential, thus preventing an accidental static discharge.
4. Slide the antistatic bag off of the diskette drive.
5. Handle the diskette drive by the frame only while installing or removing it. It is recommended that you use both hands to reduce the chance of dropping the drive.
6. Put the exchanged diskette drive back in the antistatic bag.

IBM High Capacity Diskette Drive

The IBM High Capacity Diskette Drive can store up to 1.2M bytes of formatted data on a Double-Sided, Cobalt-Enhanced Oxide-Coated Diskette. This drive is a single field-replaceable unit.

Specifications

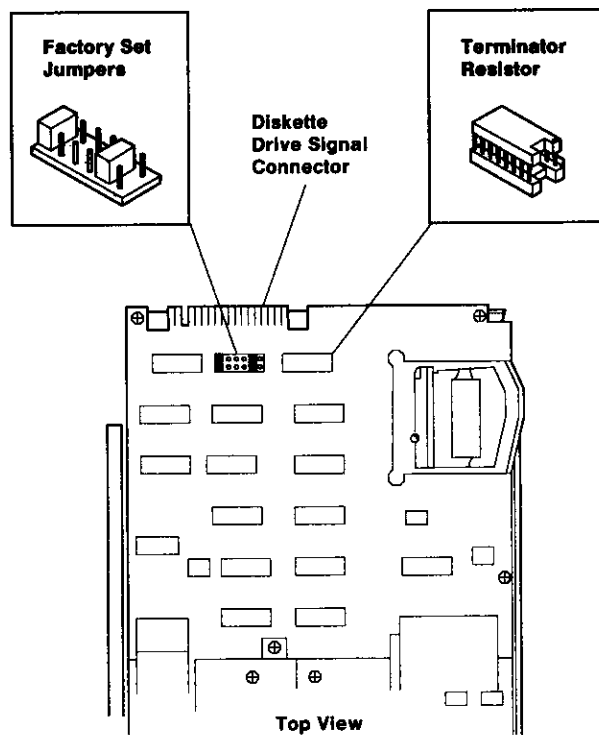
| | |
|-------------------|---|
| Diskette type | 5.25 inch, double-sided, cobalt-enhanced oxide-coating |
| Total tracks | 160 (80 tracks per side) |
| Sectors per track | 15 |
| Bytes per sector | 512 |
| Tracks per inch | 96 |
| Maximum number | 1 |

Removal and Replacement Procedures

Use the Diskette Drive Removal and Replacement procedures in Section 4.

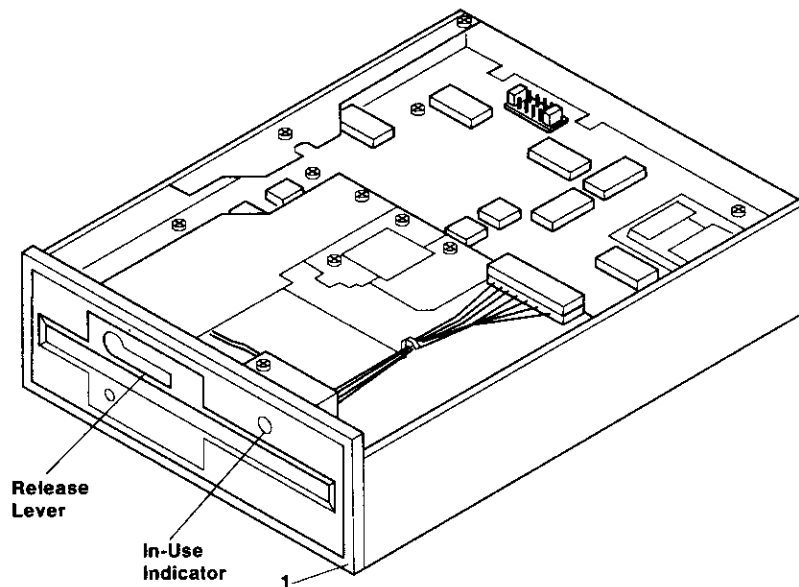
Terminator Resistor

Use the diagram below to identify and install the terminator resistor.



AJZB088

Parts Information



AJZB086

| Index Number | Part Number | Description |
|--------------|--------------------|--|
| 1 | 68X3752 61X6800 | IBM High Capacity Diskette Drive Cable, fixed-disk and diskette drive |

