

RS9 Floppy Drive Replacement

Introduction

These instructions explain how to replace the floppy disk drive in the PowerStation RS9 or the RSPC9 Industrial PC. They include steps for disassembling the unit, removing the previously installed floppy drive, installing a new floppy drive, and reassembling the unit.



Warning For safety reasons, the unit should be opened only by qualified service personnel.

Warning Be sure to observe electrostatic discharge (ESD) precautions while working inside the unit.

To complete this procedure, you will need the following items:

- Floppy Drive Replacement Kit FLP-9000
- Phillips-head screwdriver

Disassembling the Unit

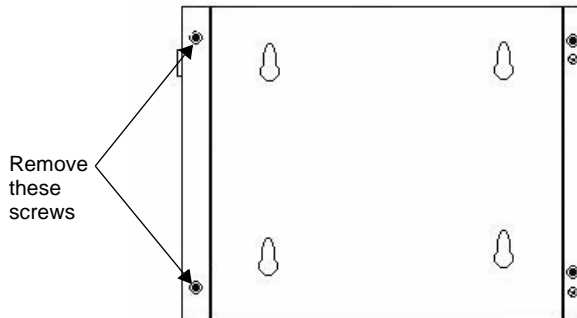
To disassemble the unit, follow these steps:

1. Turn off the system.
2. Disconnect the unit from the power source.
3. Disconnect all cables attached to the unit.
4. Remove the unit from its mounted location by lifting the unit up and off its mounting screws.
5. Place the unit on a static dissipative mat, in a location free from dirt and moisture and protected against static discharge.
6. Remove the two screws at the left side of the front cover, as shown in Figure 1 on page 2.

Note These screws unscrew from the back side of the unit.

7. Swing the front cover open on its hinges (left to right).

Figure 1: Opening the Front Cover

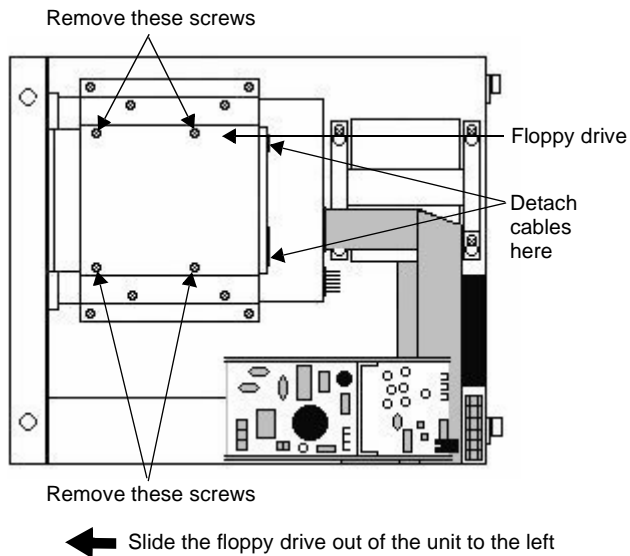


Removing a Floppy Drive

To remove a previously installed floppy drive, follow these steps:

1. Locate the floppy drive in the upper left side of the maintenance compartment, as shown in Figure 2.

Figure 2: Removing a Floppy Drive



2. Disconnect the communication (ribbon) cable and the power cable from the back of the floppy drive.

3. Remove the four retaining screws holding the floppy drive in place.
4. Slide the floppy drive out of the unit to the left.

Installing a New Floppy Drive

To install a new floppy drive, follow these steps:

1. Slide the new floppy drive into the unit from the outside (left to right).
2. Fasten the floppy drive in place by replacing the four retaining screws that you removed in step 3 above.
3. Re-attach the two cables to the back of the floppy drive.

Reassembling the Unit

To reassemble the unit, follow these steps:

1. Close the front cover, and fasten it in place with the two screws that you removed in step 6 on page 1.
2. Reinstall the unit in its mounted location.
3. Reconnect power and other cables to the unit.
4. Reconnect the unit to the power source.

Your floppy drive replacement is complete. You may now restart the system.

