

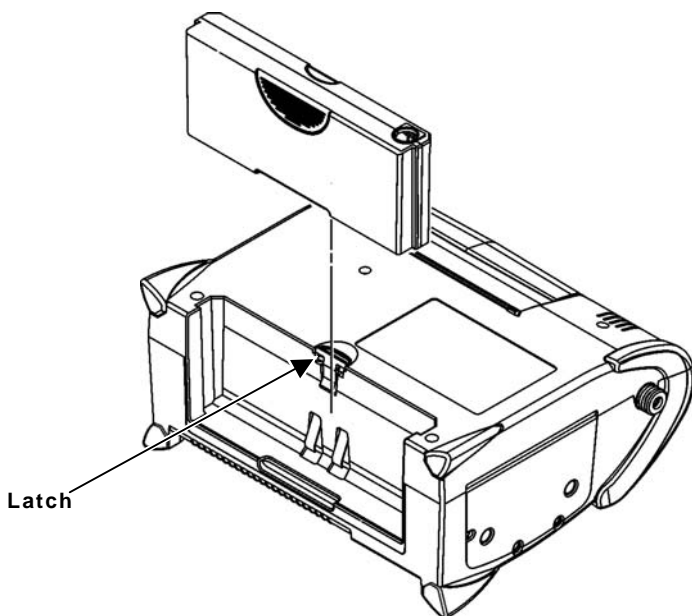
QUICK REFERENCE

This Quick Reference contains supply loading information and general care and maintenance procedures for the Monarch® Sierra Sport4™ 9493™ printer. For more detailed information, refer to the *Operator's Handbook* available on our Web site (www.monarch.com).

Using the Battery

You **must** charge the battery before using it for the first time. Refer to the *Operator's Handbook* for important battery information.

1. Review the safety information in the *Regulatory Compliance* document included with your printer.
2. Turn off the printer when you change batteries.
3. Lay the printer down so the back of the printer faces up.
4. Remove the plastic from a new battery.
5. Slide the battery into the battery well in the bottom of the printer until it latches into place.



To check the battery:

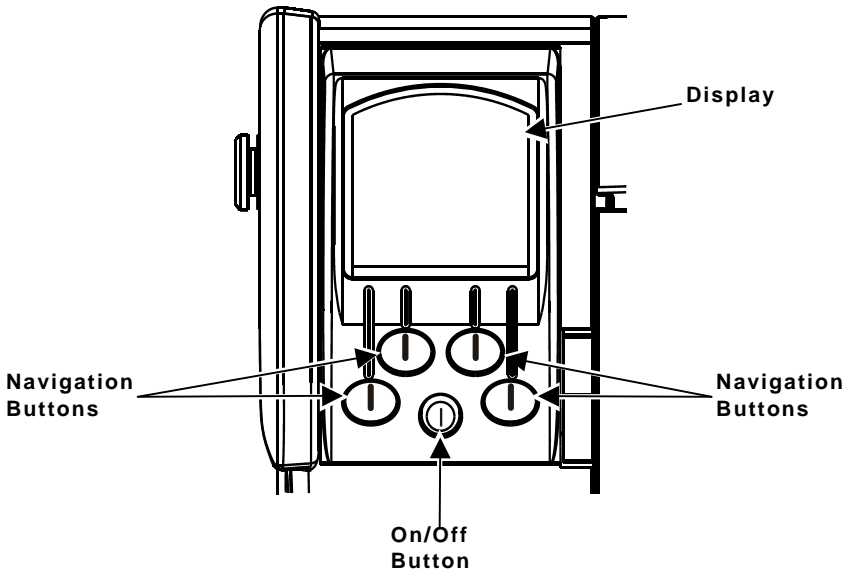
The battery status flashes briefly when you turn on the printer. If the printer is already on, press **A** under **P**. Recharge the battery when the line is closer to the **E** (empty) instead of **F** (full). To return to Ready mode, press **A** under **r**.



Using the Display and Buttons

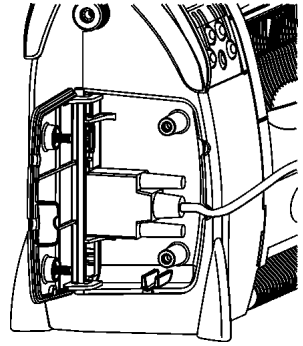
Ⓞ Turns the printer on and off.

A Four navigation buttons for selecting options on the display.



Connecting the Communications Cable

1. Open the cable door on the side of the printer by loosening the two screws with a Phillips screwdriver.
2. Plug the DB9 connector into the DB9 serial port.
3. Place the cable in one of the cable cavities.
4. Close the cable door and tighten the screws.



A USB cable is also available. Refer to the *Operator's Handbook* for more information.

Opening and Closing the Printer

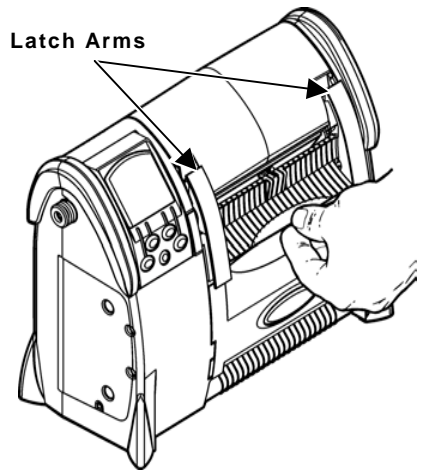
Before loading ribbon or supplies, you must open the printer. Close the printer before printing.

To open the printer:

1. Insert your fingers into the indent beneath the supply door latch and lift.
2. Make sure the latch arms are free of the ribbon cassette.
3. Tip the ribbon cassette back, if necessary, to lower the supply door.

To close the printer:

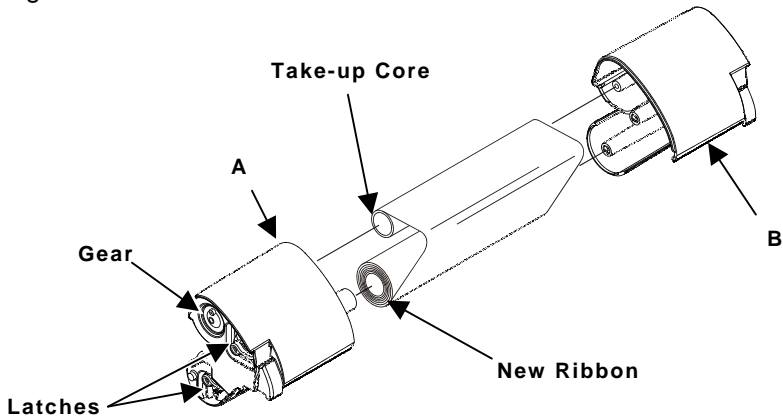
1. Tilt the ribbon cassette back if necessary and raise the supply door. Tilt the ribbon cassette back down.
2. Lift the supply door latch. Make sure the latch arms catch each side of the ribbon cassette.
3. Push the supply door latch down into place.



Loading Ribbon

Use a ribbon to print on thermal transfer supplies.

1. Open the printer and tip the ribbon cassette back if necessary and pull it towards you until it slides out of the printer.
2. Rotate the two latches on side “A” of the cassette until they snap into the unlocked (⚡) position.
3. Turn the cassette so side “A” faces downward and lift side “B” off and set it aside. Remove the unused ribbon and take-up reel.
4. Remove the clear wrap from a new ribbon and tear it at the perforation.
5. With the printed side of the ribbon facing out, slide the ribbon reel onto the long spool with the foam washer and the take-up reel onto the shorter spool. **Do not** touch the ribbon with your fingers. **Do not** wrinkle or crush the ribbon.



6. Replace side “B” of the cassette so the halves fit together completely. **Do not** wrinkle or crush the ribbon.
7. Rotate the latches so they snap into the locked (⚡) position. Turn the gear counterclockwise with your fingers until you see the black part of the ribbon.
8. Slide the ribbon cassette back into the printer and close the printer.

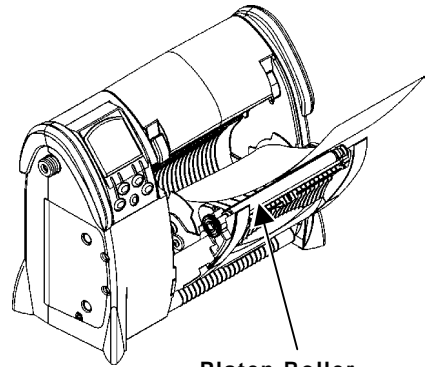
Note: Clean the printhead each time you replace the ribbon.
See “Cleaning the Printer” for more information.

Loading Supplies

1. Open the printer.
2. Remove the tape from a new roll of supply.
3. Push apart the supply holder tabs to widen the supply holder. Insert a roll of supplies so it unwinds from the top.
4. Load supply for the print mode you want: non-peel, peel, or fan-fold.
5. Press A under \uparrow to advance the supply after loading in all modes.

For non-peel mode:

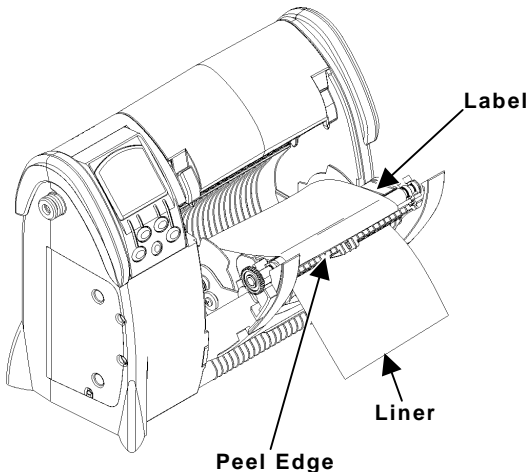
1. Pull out the supply so that a few inches extend past the front of the printer.
2. Center the supply across the platen roller.
3. Close the printer.



Platen Roller

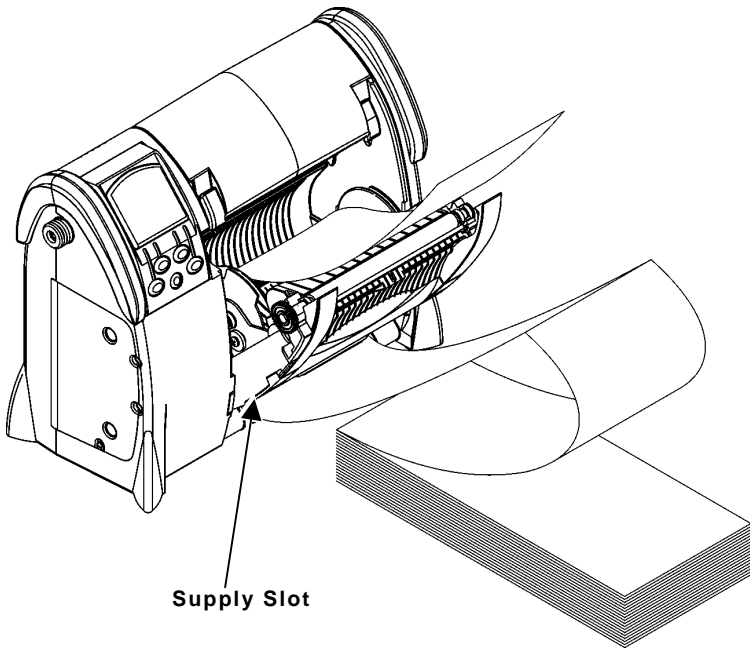
For peel mode:

1. Pull out the supply so that a few inches extend past the front of the printer.
2. Raise the supply door back to the upright position but do not close the printer.
3. Remove a couple of labels from the liner. Feed the liner over the platen roller, over the peel bar, and **under the peel edge**. Center the liner under the peel edge.
4. Close the printer completely.
5. Lightly tug on the liner to remove the slack.



For fan-fold:


1. Open the printer.
2. Adjust the 4.8-inch (122 mm) core to the width of your fan-fold supplies by pushing or pulling on the supply guides on each side of the core. The guides move in 0.03-inch (0.8 mm) increments.
3. Insert the core between the supply holder tabs to open them to their widest position.
4. Position a stack of fan-fold supplies so they feed easily into the front of the printer.
5. Feed the fan-fold supply into the supply slot under the supply door and between the supply guides on the core so that a few inches extend past the front of the printer. Center the supply across the platen roller.
6. Close the printer. Make sure the printing side of the supply faces up when the printer is closed.

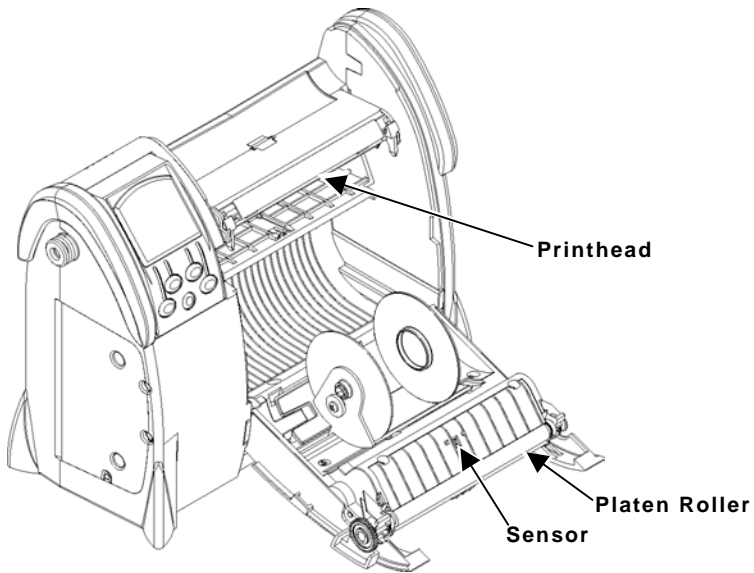


Cleaning the Printer

Do not use sharp objects or household cleaners to clean the printer. Use isopropyl alcohol on the interior areas only, never on the exterior.

Cleaning the Printhead, Platen Roller, and Sensors

1. Ground yourself by touching a metal surface before cleaning the printer. Grounding prevents electrostatic discharge, which may damage the printer.
2. Turn off the printer.
3. Open the printer and remove the supply and ribbon cassette.
4. Clean the printhead, sensors, and platen roller with a cotton swab moistened with isopropyl alcohol, or a cleaning pen. Turn the platen roller with your finger to clean the entire surface.
5. Allow the printer to dry.
6. Reload the ribbon and supply and close the printer.
7. Turn on the printer and press **A** under  to advance the supply.



Clearing Label Jams

When you are printing and a jam occurs, a supply error message appears. To clear the jam:

1. Turn off the printer.
2. Open the printer and remove the supply roll.
3. Remove the jammed supplies with your fingers.

Note: Do not use sharp objects to remove jammed labels. This damages the printer.

4. Moisten a soft cloth or cotton swab with isopropyl alcohol and clean any adhesive from the platen roller. Turn the platen roller with your finger to clean the entire surface. Allow the platen roller to dry.
5. Reload the supply and close the printer.
6. Turn on the printer.

Common Errors

To clear an error, press A under X.

Error	Description/Action
411 Framing	Check the cable/Call your System Administrator.
418 Noise	Check the cable/Call your System Administrator.
611 Loading	Font or bar code in the batch does not match the format.
704 – 753 Supply	Check supply tracking, marks, black mark sensor position, and roll for binding. Change supply.

Refer to the *Operator's Handbook* for more troubleshooting information and for any error messages not listed here.

Configuring the Printer

For information on configuring the printer, creating formats, and downloading files, visit our Web site.

