

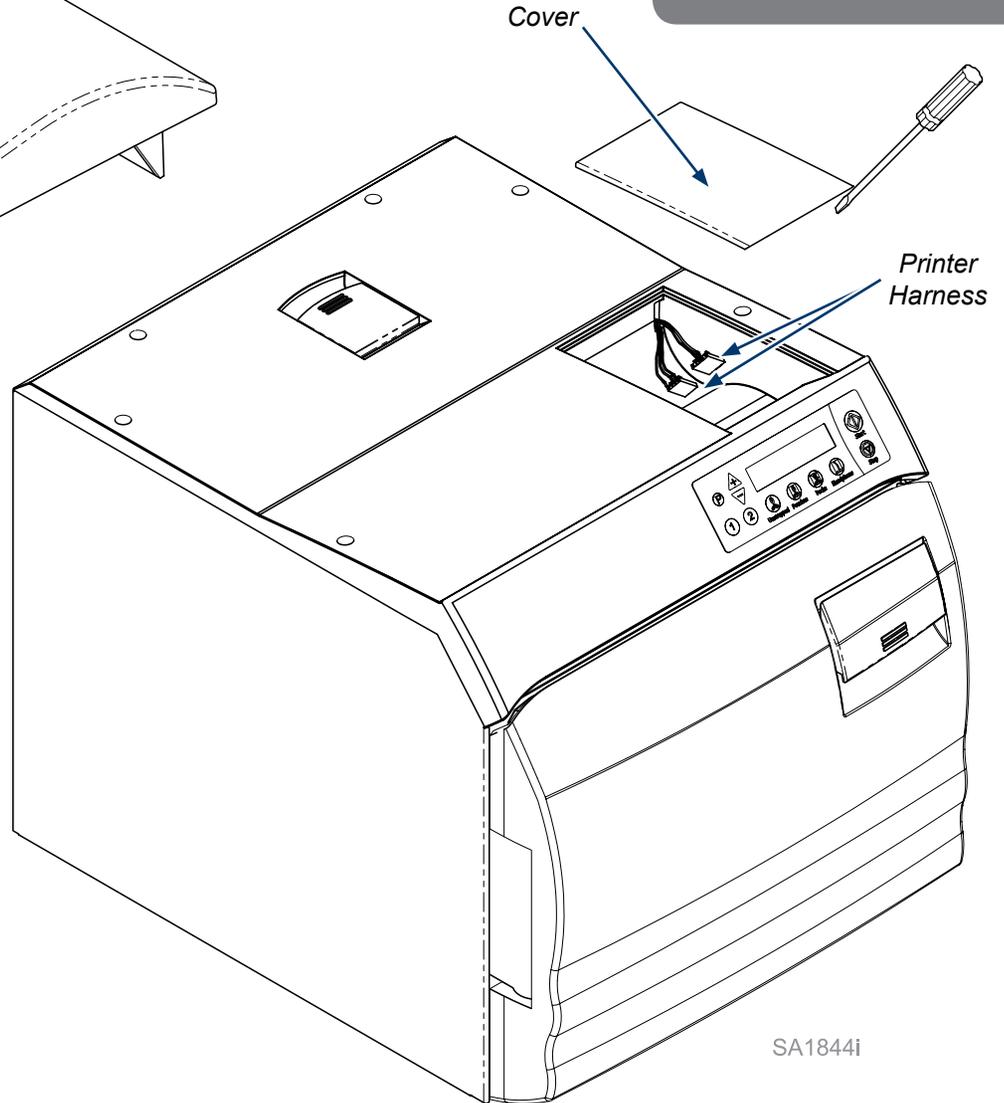
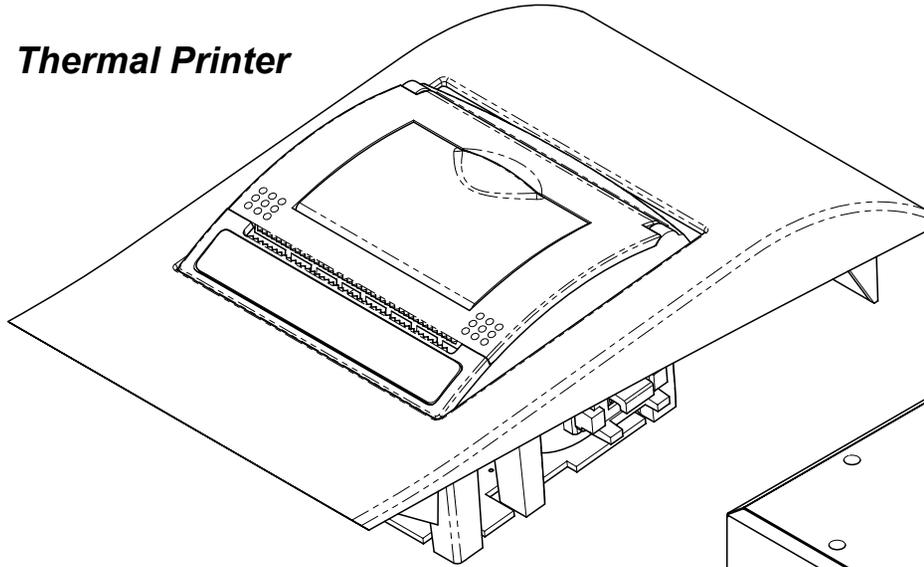
M9/M11 Thermal Printer Installation (9A599001)

Applies to Models:
M9 (-040 /-041 / -042 /-043)
M9D (-042)
M11 (-040 /-041/ -042/-043)

Special Tools:
none

Language of origin: English

Thermal Printer



 **WARNING**
Disconnect all electrical power to the unit before removing any of the unit's covers or making any repairs to prevent possibility of electrical shock. Failure to comply with these instructions could result in serious personal injury.

Step 1: Remove Cover

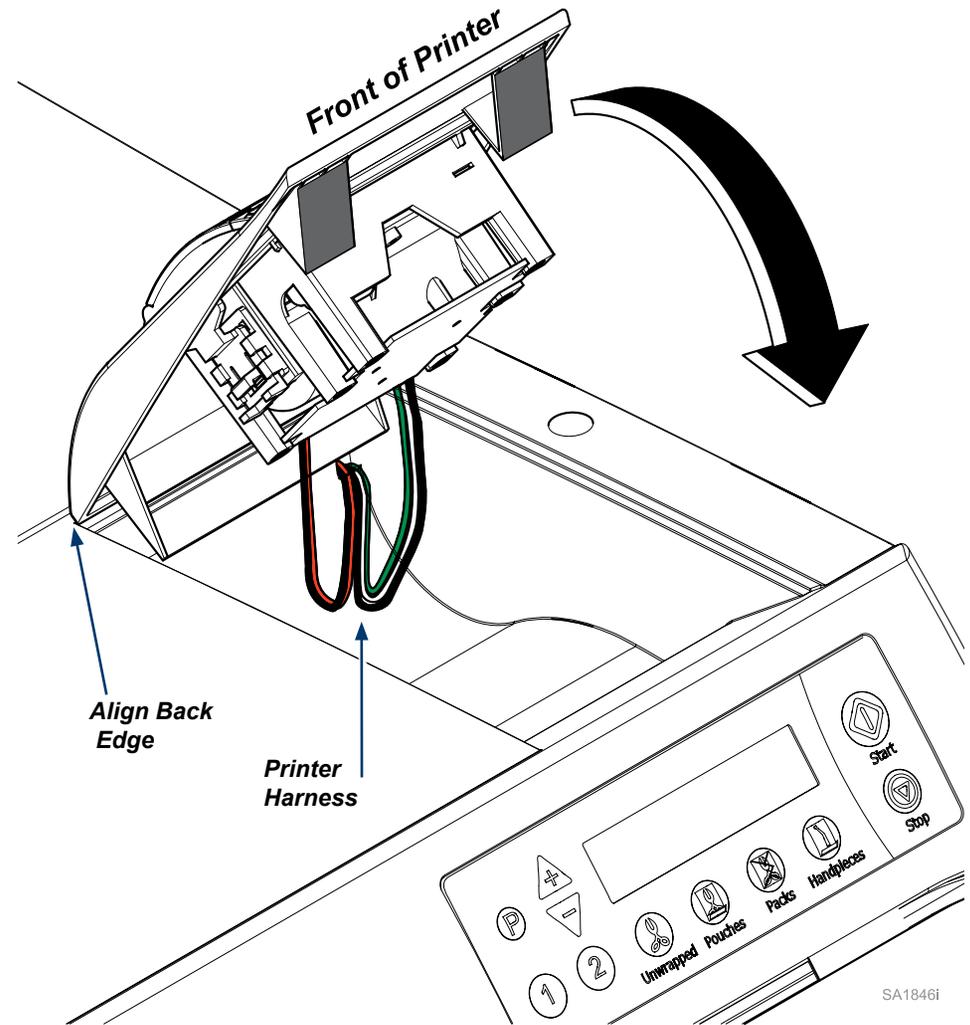
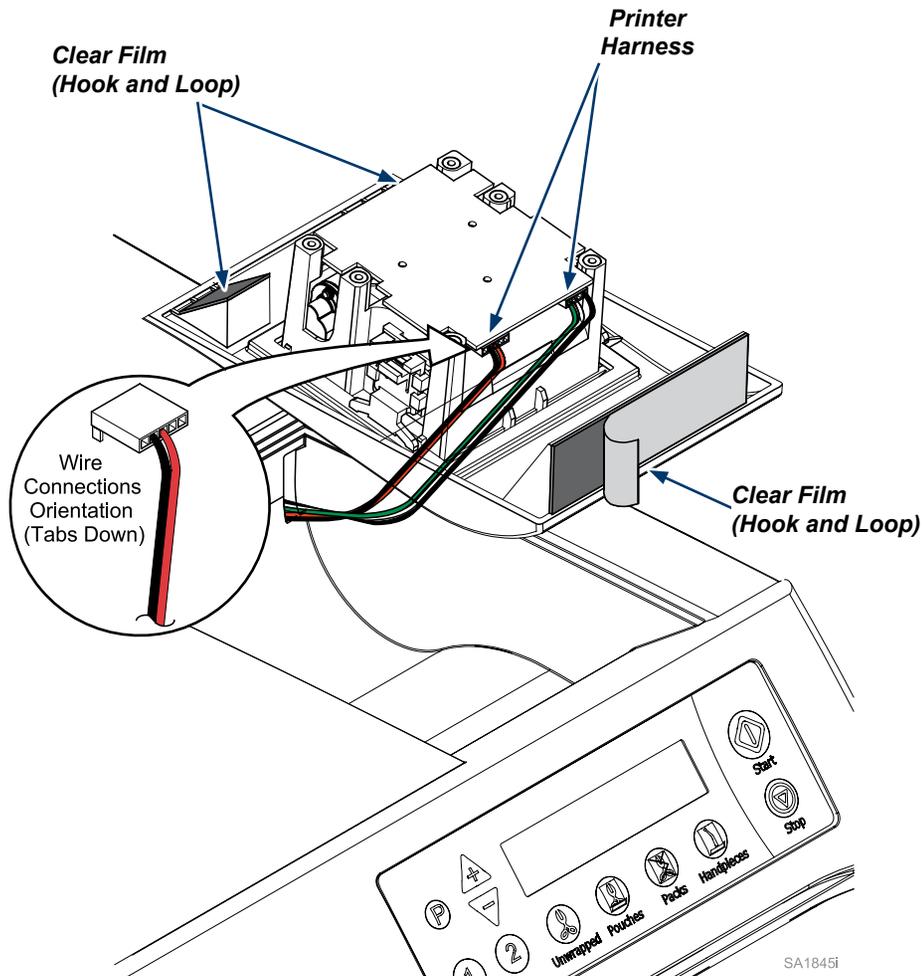
- A) Unplug sterilizer power cord.
- B) Using a flat-bladed screwdriver, pry cover up from the front edge, then remove.
- C) Locate printer harness, remove tape securing wires to the bottom of the printer cavity.

SA1844i

Step 2: Attach Wires/Remove Film

- Position the printer upside down with the long hook and loop strip facing you.
- Take the black/red harness, position the white wire connection tabs downward and connect to the left side of the printer.
- Take the green/white/black harness, position the white wire connection tabs downward and connect to the right hand side of the printer.
- Peel off the clear film of the long hook and loop strip to expose sticky side of the hook and loop.

Note: Push connectors into place firmly almost flush with the printer.



Step 3: Install Printer

- To align the printer correctly in the printer cavity, tilt up the front edge of the printer, position the back edge of the printer on the top back edge of the printer cavity.
- Keep the back edge of the printer in position and remove the clear film from the two small hook and loop sections on the front of the printer.
- Pivot the front edge of the printer down into position in the printer cavity. Press firmly into place.

Equipment Alert

Position printer harness into printer cavity making sure it is not pinched or kinked by the printer.

Paper Roll Removal / Installation

Note

A pink stripe that gets progressively darker on the paper indicates when paper is low.

PRINTER TROUBLESHOOTING		
Status Light	Condition	Solution
On ●	Printer On	-
Off	Printer Off	-
● ● ●	Paper out or door open	Fill Paper / Shut Door
●● ●● ●●	Thermal Head too hot	Allow head to cool



Equipment Alert

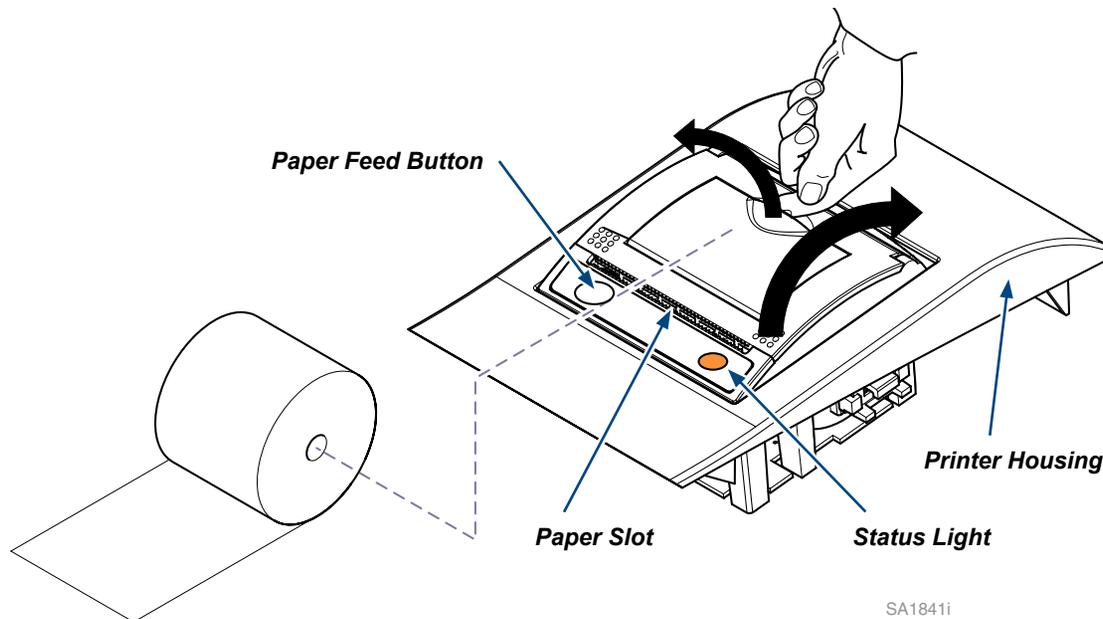
Use only **thermal paper** rolls with a maximum diameter of 1.89" (48 mm) and width of 2.28" (58 mm).

To remove paper...

- Insert finger into groove at the back of the small cover and lift upward until lid is released from locked position. To avoid damage do not use excessive force.
- The printer lid will hinge up towards the back of the printer.
- Remove any remaining paper.

To install the paper roll...

- Unroll 3" to 4" (5 to 7.5 cm) of paper.
- Place the paper roll into cradle, unrolled side down.
- Hold unrolled edge of paper out the front of the printer and shut the lid by applying equal amounts of pressure on each side of lid until it latches.
- Press the paper feed button for additional paper.



SA1841i

Printer Paper Refill (2.28" Wide X 1.88" Dia. Max)	Order Number	Roll Length
Printer Thermal Paper Roll	060-0016-00	85'
Printer Stick-able Thermal Paper	060-0016-01	60'

Printer Tape Description

The printer will print the following information for each program cycle:

- Model Number: indicates sterilizer model and software version.
- Cycle Number: reflects actual cycle count of sterilizer.
- Sterilizer ID: Serial Number of sterilizer.
- Operator: a line is printed so the operator’s signature can be recorded on the printer tape.
- Date Time: of start of each cycle
- “BEGIN selected CYCLE”: to indicate the beginning of the cycle selected by the operator.
- Summary of selected cycle set points.

Once the cycle starts, the printer will print the words “FILLING CHAMBER” to show that the sterilizer is filling with water.

Once the sterilizer begins the Heating Phase of the sterilization cycle, the word “HEATING” is printed and the printer will print the chamber temperature, pressure, and elapsed time in 2 minute increments until the heating phase is completed.

When the sterilizer enters the sterilization phase, the word “STERILIZING” is printed and the printer will print the chamber temperature, pressure, and elapsed time in 1 minute increments until the sterilization phase is completed.

When the sterilizer has completed the sterilization phase of the program cycle, the printer will print the words “VENTING CHAMBER” to show that the steam pressure is being exhausted from the chamber.

When the sterilizer enters the drying phase, the word “DRYING” is printed and the printer will print the words “DRYING START” and show temperature, pressure, and elapsed time in 5 minute increments starting with 5:00. The printer continues to print the elapsed time in 5 minute increments until the drying phase is completed. The final record for the drying phase will include the words “DRYING COMPLETE”. In the event the drying time is programmed to a time that isn’t divisible by 5, the final printed record for the drying phase will reflect the actual programmed drying time in 1 minute increments, e.g. a programmed dry time of 12 minutes will have 5,10,and 12 minutes printed on the printer tape.

When the sterilizer has completed the drying phase of the sterilization cycle, the printer will print a summary of the sterilization cycle with the duration of each phase of the cycle and the Total Cycle Time. Following the summary the printer will print “CYCLE COMPLETE”.

[NOTE: If drying cycle is aborted, “DRYING COMPLETE” and “CYCLE COMPLETE” will not print].

