

Technical Advisory Bulletin (TAB)

Bulletin #: TBBE1606A

July 29, 2015

Product: Bernina E16

Implementation: ☐ Urgent ☐ Mandatory ☐ As Required ☒ Info Only

Reference: EC3329

Subject: Power Supply Shunt

SITUATION:

The power supply in the Bernina E16 machine emits electrical noise into the electrical system of the machine. In some cases the noise level is significant enough that it can impact functionality of electronics, specifically the Thread Break Sensor, on the machine.

SOLUTION:

Melco has implemented a shunt that connects certain terminals on the power supply, which reduces or eliminates the electrical noise transmitted from the power supply into the rest of the electrical system on the machine.

- The shunt part number is 34737 and 34772 (Canada only).
- The power supply shunt was implemented on Bernina E16 serial number 120361000 and up.

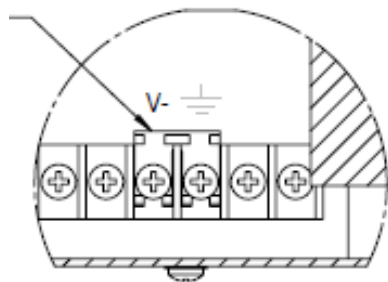
RECOMMENDED ACTION:

- In case a technician is at a customer site for a Bernina E16 (35000) machine it is recommended that a shunt gets installed as per instructions below.
- No other corrective or preventive actions are necessary.

Shunt Installation:

1. Power down the machine and unplug it from the power source.
2. Remove the Lower Arm Rear Cover (34494) from the machine.
3. Loosen but do not remove the terminal screws marked with “-V” and “ $\perp$ ” (see pictures below).
4. Slide the Shunt (34737 or 34772 for Canada only) over the “-V” and “ $\perp$ ” terminals. See pictures below.
5. Tighten the terminal screws.
6. Reassemble the Lower Arm Rear Cover.
7. Reconnect the machine to power and operate as normal.

Shunt (34737) install



Shunt (34772) install – Canada only

