

Technical Advisory Bulletin (TAB)

Bulletin #: TBMELCO15A

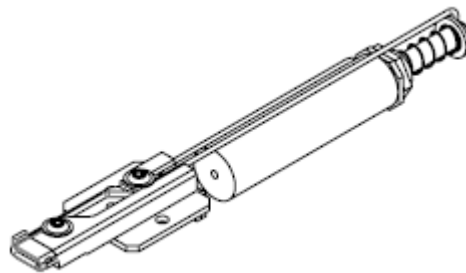
August 26, 2016

Product: Melco EMT16, BRAVO**Implementation:** ☐ Urgent ☐ Mandatory ☐ As Required ☒ Info Only**Reference:** EC3354

Subject: Thread Clamp Function Disabled

SITUATION:

As part of the new Control Board development project (P/N 34799 for EMT16 and P/N 34800 for BRAVO) and related new development of machine firmware, Melco conducted tests that showed that machine sew performance, in combination with the new Control Board/firmware and related improved start up stitch control, made the Thread Clamp function on the machine unnecessary.



SOLUTION:

Melco started to disable the Thread Clamp function on machines that are factory assembled with the new Control Board (P/N 34799 on EMT16, P/N 34800 on BRAVO). Initially the Thread Clamp assembly was still physically installed on machines (without firmware support, hence not functional) but then finally completely removed from the machines.

SCENARIO 1: The following machine serial numbers were factory assembled with the physical, but non-functional, Thread Clamp Assembly:

EMT16: 403291 to 403616

BRAVO: 340361142 to 340361269.

SCENARIO 2: Machines starting with the following serial numbers are no longer assembled with the physical Thread Clamp Assembly:

EMT16: 403617 and higher

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BRAVO: 340361270 and higher

RECOMMENDED ACTION:

- On EMT16 and BRAVO machines manufactured with the new Control Board (see SCENARIO 1 above) the Thread Clamp is non-functional. No action is required.
- On EMT16 and BRAVO machines with the old P/N 31058-19 Control PCBA the Thread Clamp is fully functional. In some cases where sew performance is poor, deactivating the Thread Clamp Assembly is an acceptable troubleshooting method (**IMPORTANT**: new operating software 11.06.076 or higher is required).

