

# Technical Advisory Bulletin (TAB)

Bulletin #: TBMELCO20A

December 14, 2017

Product: Melco EMT16, BRAVO

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

Reference: EC3364

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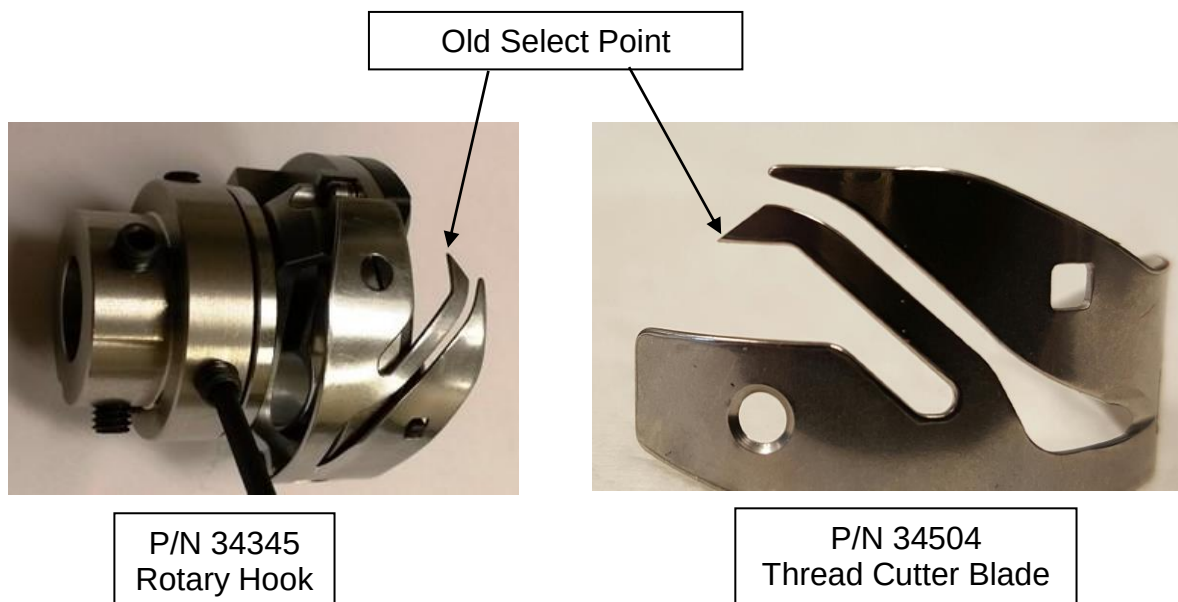
**Subject:** P/N 34504 Thread Cutter Blade  
(P/N 34345 Rotary Hook), (P/N 34666 Thread Cutter Kit)

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## SITUATION:

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Trimming issues related to miss-selects of the bobbin thread have been reported resulting in customer complaints and increased warranty costs. The bobbin thread miss-selects are occurring because the “select point” on the Thread Cutter Blade, P/N 34504, is not optimally positioned for proper engagement into the thread select window (triangle) during the trim operation.



Notice that the old Select Point is defined by a secondary machining operation that leaves a sharp end/point on the “Select Blade”.

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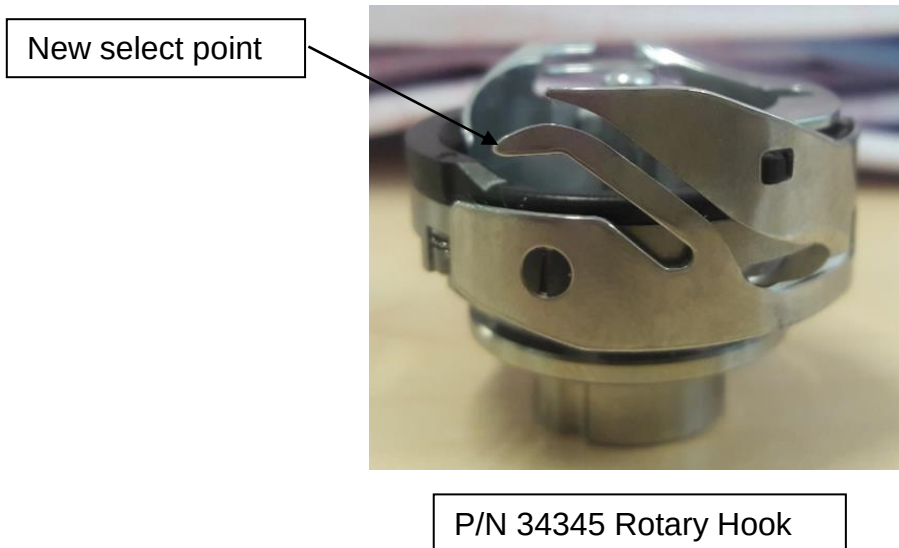
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## SOLUTION:

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The Thread Cutter Blade, P/N 34504, design was modified so that the “select point” is positioned better in the thread select window during the trim operation, thereby improving bobbin thread selection and trimming performance.



Notice that the new Select Point is now defined by the original rounded end of the “Select Blade”. The Select Point is now just moved further towards the rear of the hook.

Rotary Hooks with the updated Thread Cutter Blade have been implemented on EMT16 PLUS machines starting with S/N 405548 and BRAVO machines starting with S/N 340361720.

## RECOMMENDED ACTION:

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No immediate action is required unless the customer is reporting excessive bobbin or upper thread miss-selects during the trim operation. In this case, a Thread Cutter Replacement Kit, P/N 34666, should be ordered to replace the existing Thread Cutter on the customer's Rotary Hook, P/N 34345.