

Technical Advisory Bulletin (TAB)

Bulletin #: TBMELCO10A

January 28, 2016

Product: Melco EMT16, BRAVO

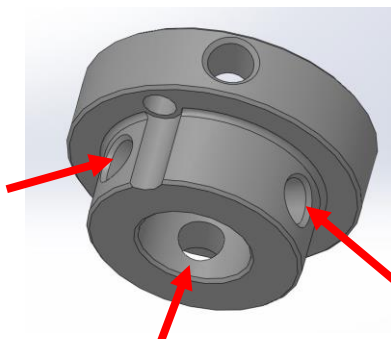
Implementation: ☐ Urgent ☐ Mandatory ☒ As Required ☐ Info Only

Reference: EC3333

Subject: Hook Adapter Flange, P/N 34326

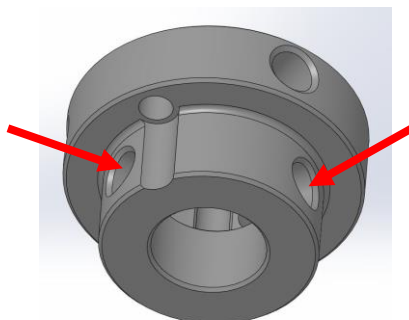
SITUATION:

The production Hook Adapter Flange, P/N 34326, currently assembles to the bobbin shaft using (3) set screws as shown below. After these set screws are tightened, the hook can sometimes run eccentric and wobble as it rotates. This can have a direct effect on setting and maintaining hook timing and hook gap.



SOLUTION:

The new Hook Adapter Flange, P/N 34326, has been modified and now has (2) set screws instead of (3) as shown below. Tightening only 2 set screws has been found to minimize hook eccentricity and wobble, thereby maintaining consistent hook timing and hook gap settings during sewing.



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The new Hook Adapter Flange was installed starting with the following machine SN's:

EMT16: 401250 – 401596 and 403085 and higher

BRAVO: 340360408 – 340360482 and 340361081 and higher

RECOMMENDED ACTION:

- If a technician experiences excessive hook eccentricity or wobble, they can try two things.
 - One, reset hook timing and only tighten 2 of the 3 set screws that hold the Hook Adapter Flange to the bobbin shaft. The third set screw should be removed and discarded.
 - Two, they can order the new Hook Adapter Flange having only 2 set screw locations and set hook timing as originally instructed.
- NOTE: The set screw locations on the new Hook Adapter Flange are now located so that all set screws can be accessed and tightened when setting both hook timing and hook gap as shown below. No longer does the hook need to be rotated when tightening all the set screws.

