

Technical Advisory Bulletin (TAB)

Bulletin #: TBBEE1616A

December 14, 2017

Product: BERNINA E16

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

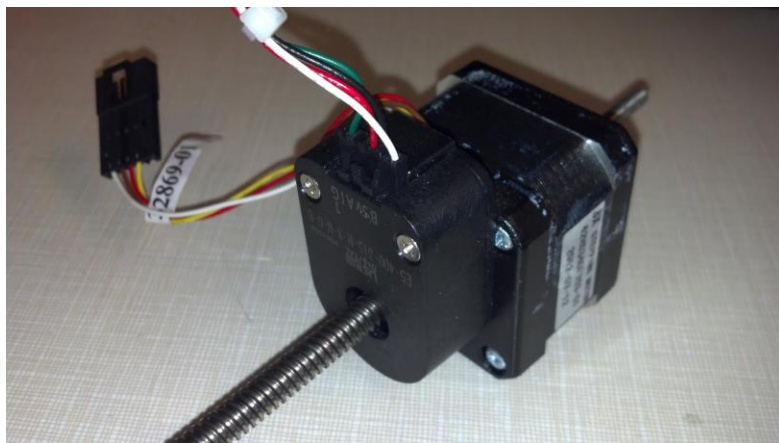
Reference: EC3361

Subject: New Color Change Motor Encoder

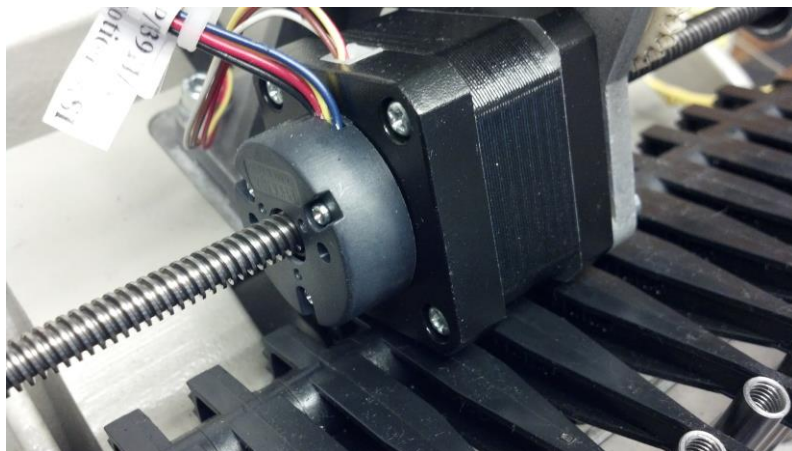
SITUATION:

The current Color Change Motor, PN 32987 or 33911, was changed to incorporate a new encoder (new CC Motor PN is 32987-01). The current and new encoders are shown in the pictures below:

Current Encoder



New Encoder:



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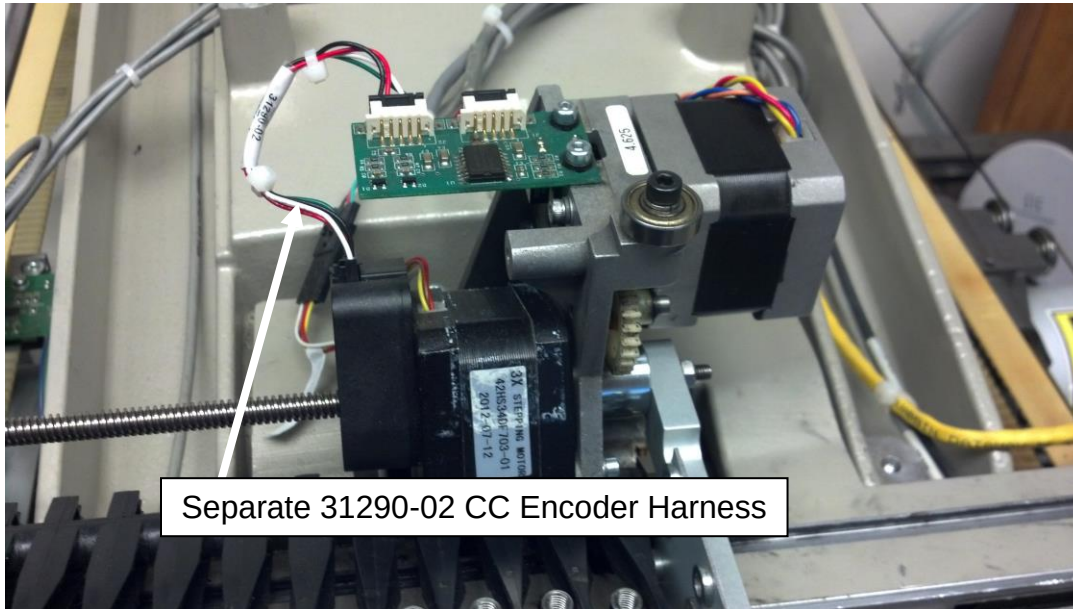
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SOLUTION:

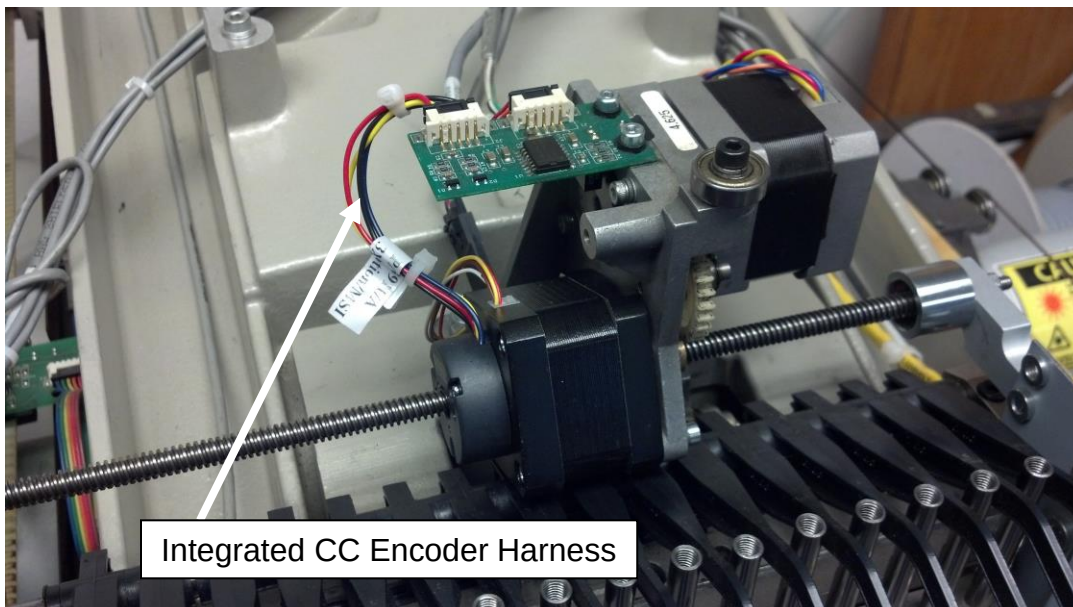
The new CC Motor was implemented on BERNINA E16 serial number 120361199.

The **new Color Change Motor (PN 32987-01)** is downward compatible with one minor difference. When replacing an **old Color Change Motor (PN 32987 or 33911)** in the field, the separate 31290-02 CC Encoder Harness is no longer required since it is now integrated into the new encoder. See before and after pictures below.

Current Encoder with 31290-02 Encoder Harness

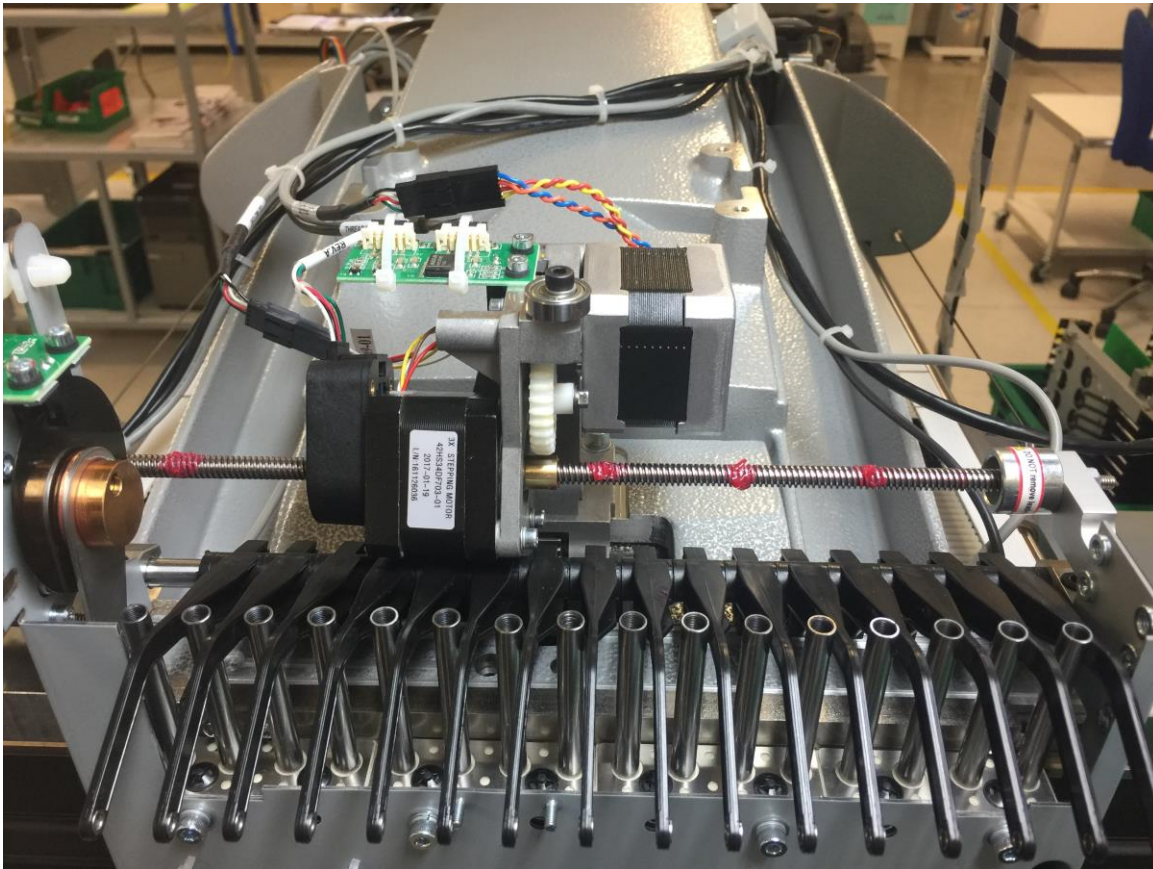


New Encoder with integrated Encoder Harness



After installation of the CC Motor, apply 4 dabs of High Performance Grease (PN 34463) equally spaced on the shaft, 5-10 threads wide as shown below.

CAUTION: Applying too much grease will contaminate the motor encoder. Take care to wipe away any excess grease after full Color Change Motor travel (needle 1 through needle 16 and back).



RECOMMENDED ACTION:

No immediate action is required; information only.