

Knowledge Base Article

Product Group: Alignment

Product: TKSA 60, TKSA 80 Shaft Alignment Systems

Version: 1.2

Abstract

When an alignment job is performed after installing the TKSA V2 upgrade kit, the error message, *“Operation could not be completed due to invalid calibration detected on system. Please contact your SKF sales unit or distributor,”* is displayed. This article provides instructions on how to copy the necessary calibration file onto the TKSA Display Unit to resolve the error.

Overview

A calibration file is provided on a USB storage device enclosed with each TKSA 60/80 V2 upgrade kit. This calibration file must be installed on the Display Unit after the firmware upgrade to ensure accurate measurements. If this file is not copied over, the calibration error message shown in Figure 1 will be displayed when an alignment job is performed.

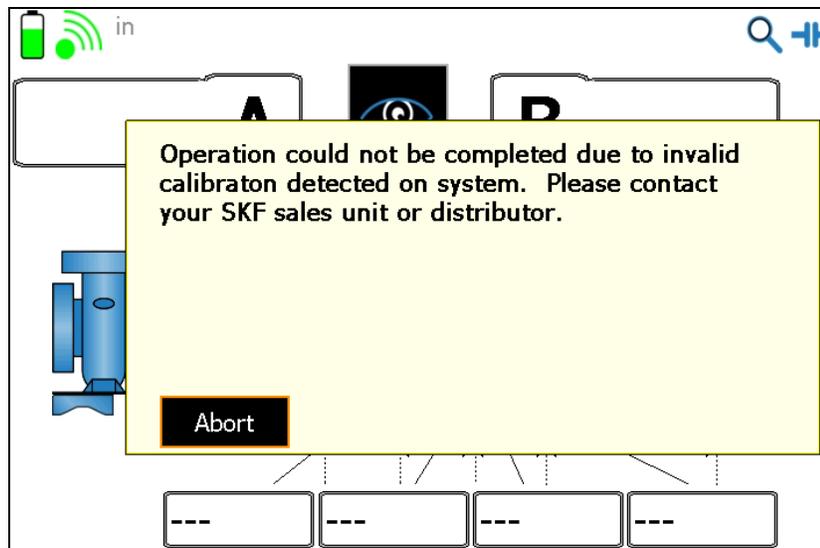


Figure 1. Invalid calibration error message

Follow the procedure below to copy the supplied calibration file onto the TKSA Display Unit.

CAUTION! The USB storage device contains a calibration file **ONLY** for those measuring units which are enclosed with it. Do not use with any other measuring units.

1. Connect the provided USB storage device to the **USB A** connector [Figure 2] on the TKSA 60/80.



Figure 2. Insert USB storage device

2. When the USB device is detected, a confirmation dialog [Figure 3] will be displayed. Select **Yes** to export any reports from the Display Unit onto the USB stick, if desired.

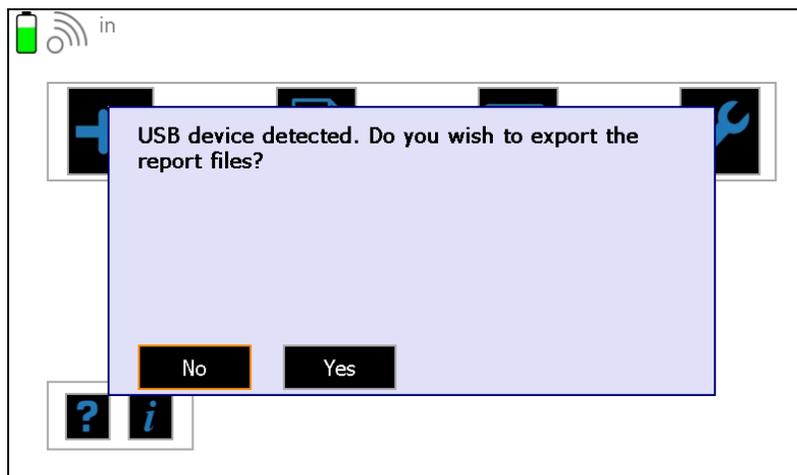


Figure 3. USB device detected

- Next, perform a soft reboot of the TKSA 60/80 by holding down the **2, 7, 8, 9** keys simultaneously [Figure 4] until the screen changes.



Figure 4. Perform a soft reboot

The new calibration file will not be applied until a reboot is performed.

- The new calibration file will be copied over onto the Display Unit during the reboot process, and will not be reported to the user. When the start screen of the TKSA 60/80 application is displayed [Figure 5], the installation process has completed successfully.

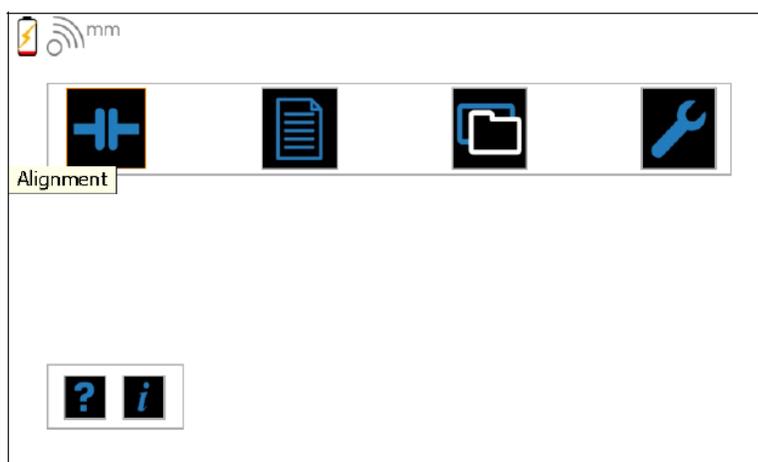


Figure 5. Start screen

- Remove the USB storage device.

The TKSA now has the calibration file needed to perform an alignment job.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at TSG-CMC@skf.com.

