

# SANDEL®

## COMPONENT MAINTENANCE MANUAL FOR SANDEL SN3308 EHSI Navigation Display

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## REVISION SHEET

REV	Date	Pages	Para.	DESCRIPTION OF CHANGES
A	July 15, 2009	All	All	A/R 1077; Initial Release

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## 1. APPLICABILITY

This document is applicable to maintenance for continued airworthiness of Sandel SN3308 EHSI Navigation display:

Unit part number: SN3308-xxx, Software revision 1.00 or later

## 2. U JOINT REPLACEMENT PROCEDURE

Field U joint replacement applies to part number SN3308-xxx.

### Step 1



Fig. 1: Place SN3308 unit upside down on a grounded bench area.

### Step 2

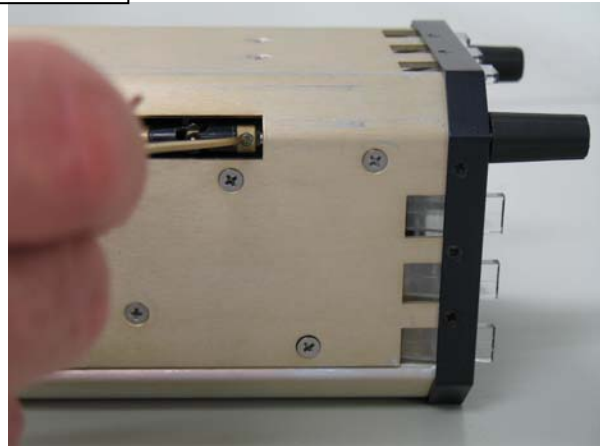


Fig. 2: Rotate Heading and Course knobs to expose U-Joint retaining setscrews. Using 0.050" hex wrench, loosen front U-Joint retaining setscrews. (left and right hand sides are symmetric)

### Step 3

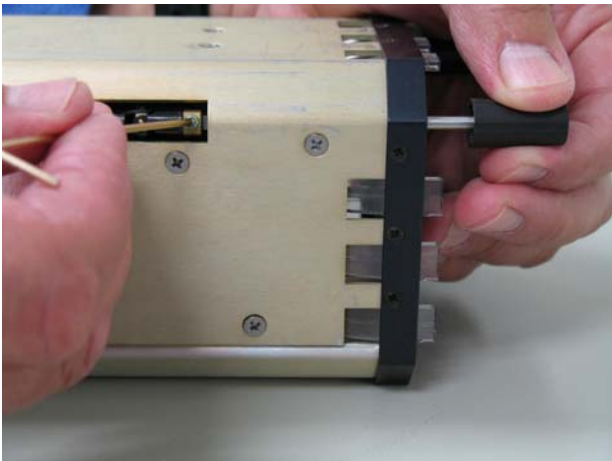


Fig. 3: Remove Heading and Course Knobs and shafts thru front of bezel.

### Step 3 (cont)

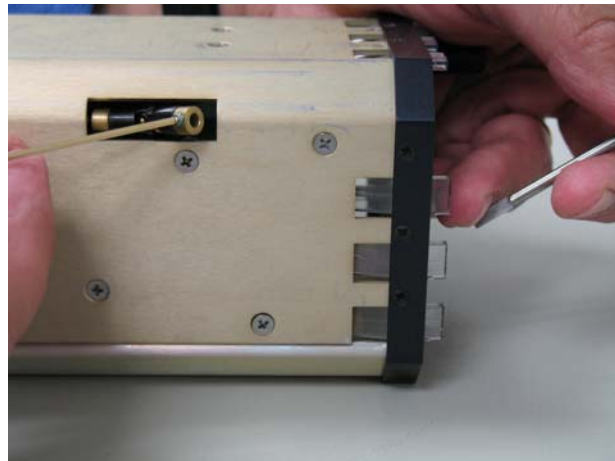
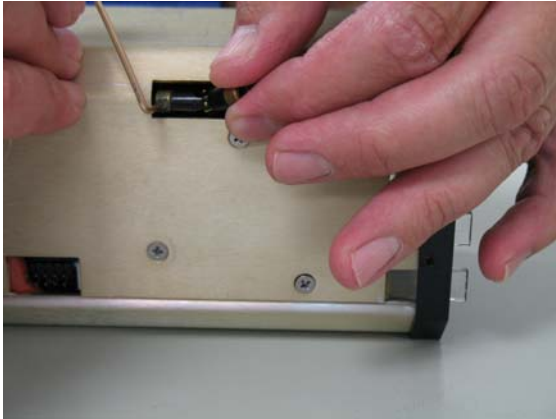


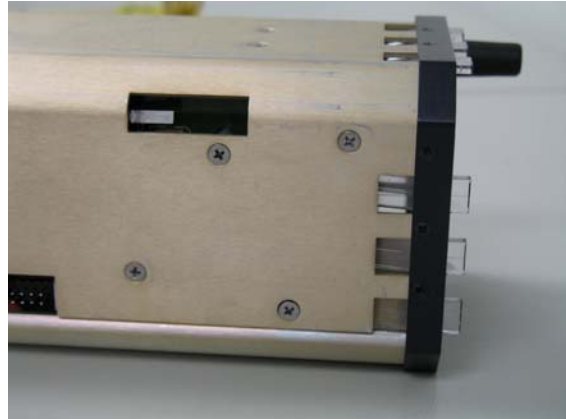
Fig. 4:

## Step 4 (cont.)



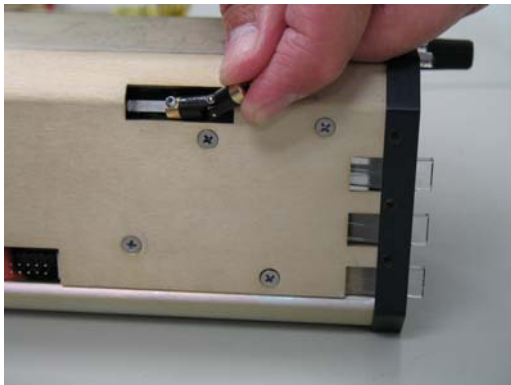
**Fig. 5:** Expose rear U-Joint retaining setscrews. Using 0.050" hex wrench, loosen rear U-Joint retaining setscrews. (left and right hand sides are symmetric)

## Step 4 (cont.)



**Fig. 6:** Remove old U-Joint

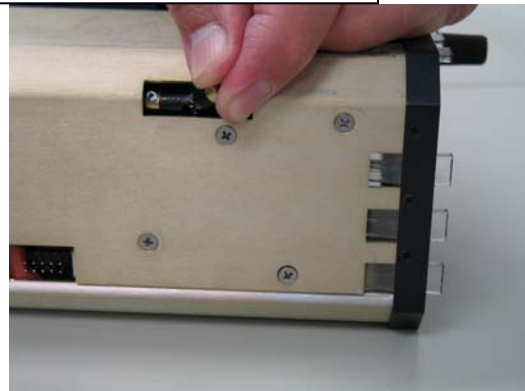
## Step 5



**Fig. 7**

1. Apply Thread Locker (Loctite 222, or eq.) to rear threads of replacement U-Joint retaining setscrews.
2. Align U-Joints to flat of Encoder Shafts and install into unit.

## Step 5 (cont)



**Fig. 8**

1. Tighten rear U-Joint set screw

## Step 6

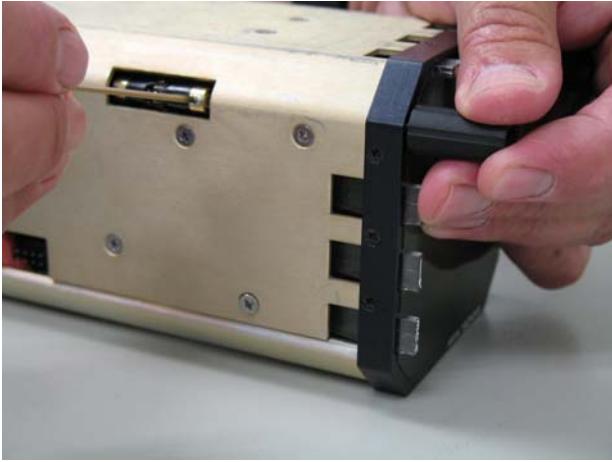


Fig. 9

1. Apply Thread Locker (Loctite 222, or eq.) to front threads of replacement U-Joint retaining setscrews.
2. Align U-Joints to flat of Encoder Shafts and install into unit.
3. Tighten front U-Joint set screw

## Step 7

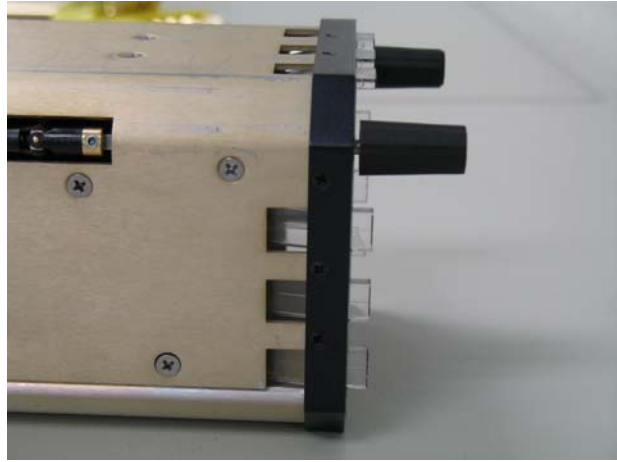


Fig. 10: Space knobs to leave .06 gap between face of bezel and knobs.