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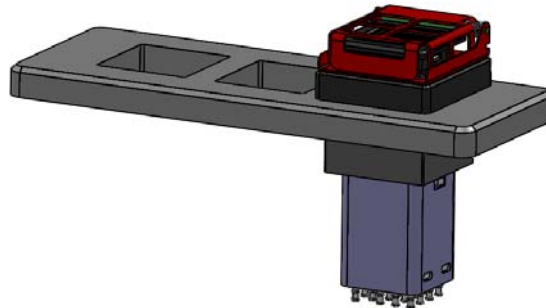
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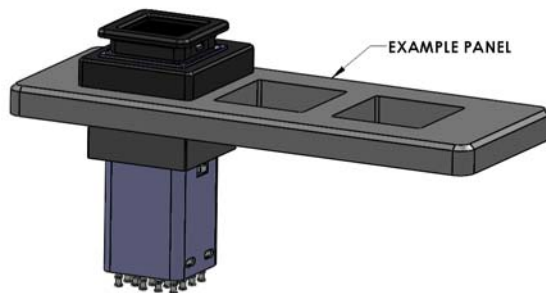
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TECHNICAL BULLETIN – TB-202

TECHNICAL BULLETIN, SERIES 100 SWITCH, SUKHOI INSTALLATION INSTRUCTION FOR 730109-TAB ASSEMBLIES



MOUNTED SWITCH
-001, -002, -003 CONFIGURATIONS



MOUNTED SWITCH
-004 CONFIGURATION

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TB-202

SHEET 1 OF 9

TB-202

1.0

PURPOSE:

The purpose of this technical bulletin is to provide necessary instructions to the customer for proper installation of Series 100 switches as described in drawing 730109-TAB.

CUSTOMER: SUKHOI AVIONICS

STEP BY STEP PROCEDURE for 730109-001, -002, and -003:

1. INSTALL PUSHBUTTON GUARD (I) ONTO SWITCH ASSEMBLY (FIGURE 1).
2. INSTALL SWITCH ADAPTOR (II) ONTO PUSHBUTTON GUARD (I) AND SWITCH ASSEMBLY (FIGURE 1).
3. INSTALL GUARD (I), ADAPTOR (II) AND SWITCH INTO PANEL (III) (FIGURE 1).
4. REMOVE PUSHBUTTON (IV) FROM SWITCH. CAUTION: PUSHBUTTON IS RETAINED TO SWITCH ASSEMBLY BY UTILIZING A PUSHBUTTON LANYARD. AFTER PUSHBUTTON RELEASES FROM SWITCH, EXTEND PUSHBUTTON UNTIL LANYARD IS FULLY EXTENDED (SEE FIGURES 2 AND 3). PUSHBUTTON GUARD MUST BE HELD BY THE INSTALLER IN THE OPEN CONDITION WHEN THIS PROCEDURE IS PERFORMED.
5. AFTER INSTALLED INTO PANEL, ADD MOUNTING SLEEVE (V) ONTO BACK SIDE OF PANEL AROUND SWITCH BODY. (SEE FIGURE 1)
6. USING A FLAT HEAD SCREW DRIVER WITH TORQUE SETTINGS, TURN SCREW CLOCKWISE SO THAT MOUNTING LUGS OF SWITCH TIGHTEN AGAINST MOUNTING SLEEVE. TIGHTEN MOUNTING LUG SCREWS TO 16-18 IN-OUNCES (0.113 TO 0.127 N-m). (SEE FIGURES 2 AND 3)
7. REINSTALL PUSHBUTTON BACK ONTO SWITCH ASSEMBLY. (SEE FIGURE 4)

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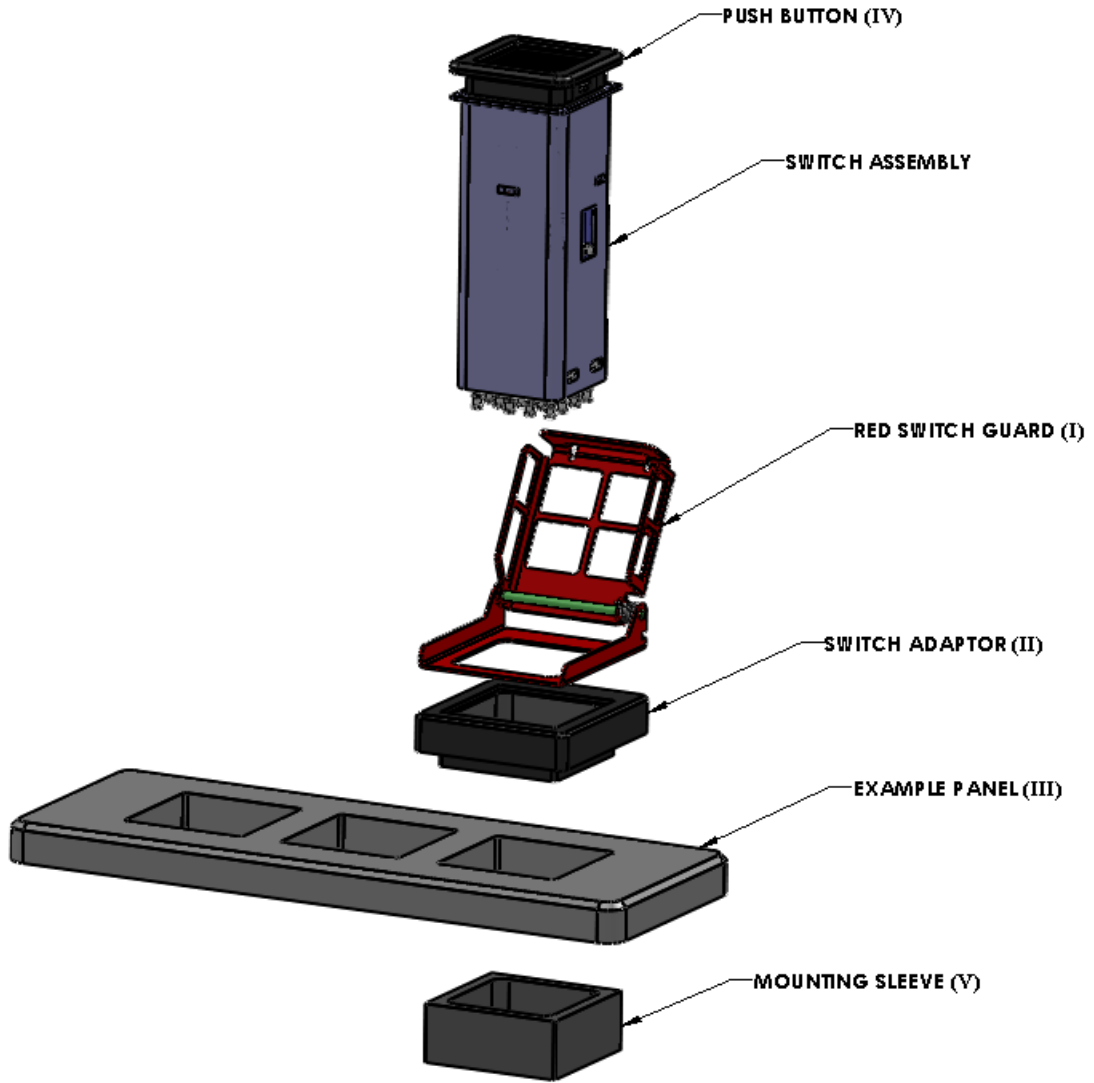


FIGURE 1 – EXPLODED VIEW FOR -001, -002, AND -003 CONFIGURATIONS

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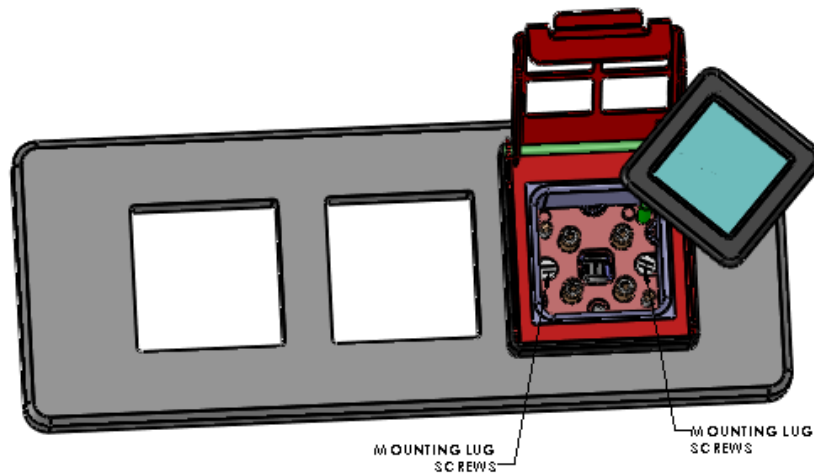
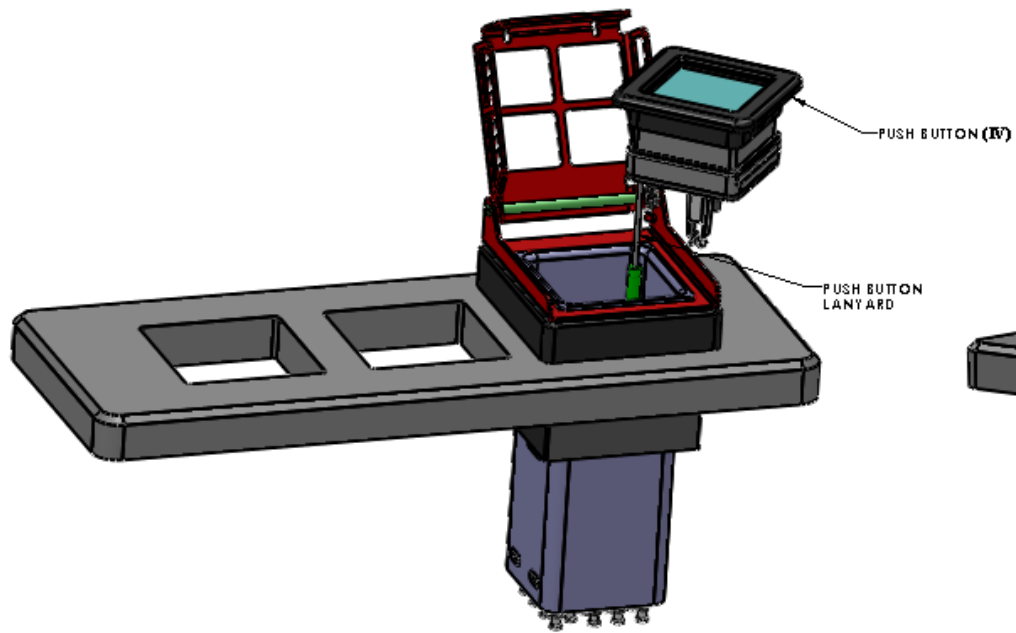
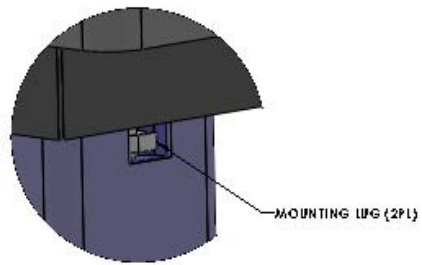
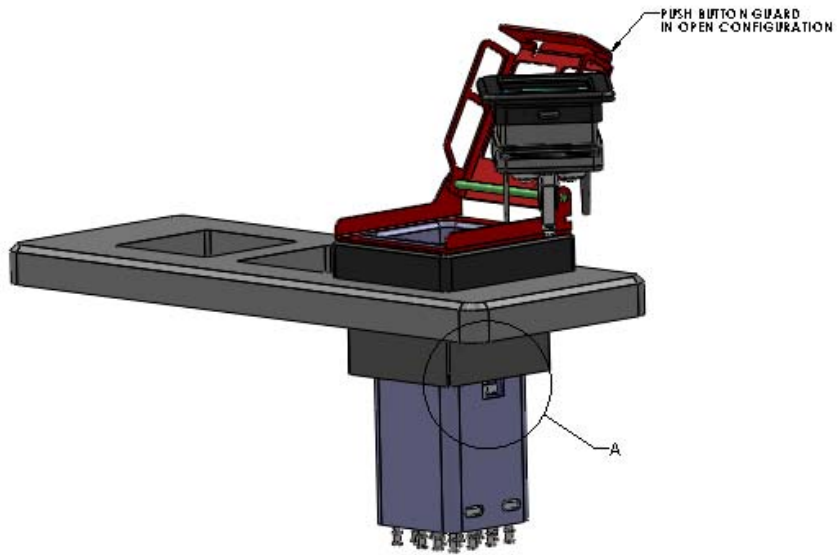


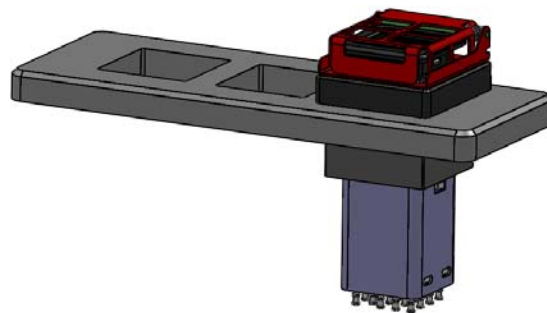
FIGURE 2 – LANYARD AND MOUNTING LUG SCREW DETAILS

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DETAIL A
SCALE 6:1

FIGURE 3 – MOUNTING LUG DETAILS



MOUNTED SWITCH
-001, -002, -003 CONFIGURATIONS

FIGURE 4 – FINISHED CONFIGURATIONS -001 THRU -003

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STEP BY STEP PROCEDURE for 730109-004:

1. INSTALL PANEL SEAL (VI) ONTO SWITCH ASSEMBLY (FIGURE 5).
2. INSTALL SWITCH ADAPTOR (VII) ONTO SWITCH ASSEMBLY (FIGURE 5).
3. INSTALL O-RING SEAL (VIII) ONTO BACK SIDE SEAL GROOVE OF SWITCH ADAPTOR.
4. INSTALL ADAPTOR, SEAL, O-RING, AND SWITCH INTO PANEL (III) (FIGURE 5).
5. ** REMOVE PUSHBUTTON (IV) FROM SWITCH. CAUTION: PUSHBUTTON IS RETAINED TO SWITCH ASSEMBLY BY UTILIZING A PUSHBUTTON LANYARD. AFTER PUSHBUTTON RELEASES FROM SWITCH, EXTEND PUSHBUTTON UNTIL LANYARD IS FULLY EXTENDED (SEE FIGURES 2 AND 3). PUSHBUTTON GUARD MUST BE HELD BY THE INSTALLER IN THE OPEN CONDITION WHEN THIS PROCEDURE IS PERFORMED.
6. AFTER INSTALLED INTO PANEL, ADD MOUNTING SLEEVE (V) ONTO BACK SIDE OF PANEL AROUND SWITCH BODY. (FIGURE 5)
7. **USING A FLAT HEAD SCREW DRIVER WITH TORQUE SETTINGS, TURN SCREW CLOCKWISE SO THAT MOUNTING LUGS OF SWITCH TIGHTEN AGAINST MOUNTING SLEEVE. TIGHTEN MOUNTING LUG SCREWS TO 16 TO 18 IN-OUNCES (0.113 TO 0.127 N-m). (SEE FIGURES 2 AND 3)
8. REINSTALL PUSHBUTTON BACK ONTO SWITCH ASSEMBLY. (SEE FIGURE 6)

**NOTE: FOR STEPS 5, and 7, FOR THE -004 CONFIGURATION, PUSHBUTTON SWITCH GUARD IS NOT USED.

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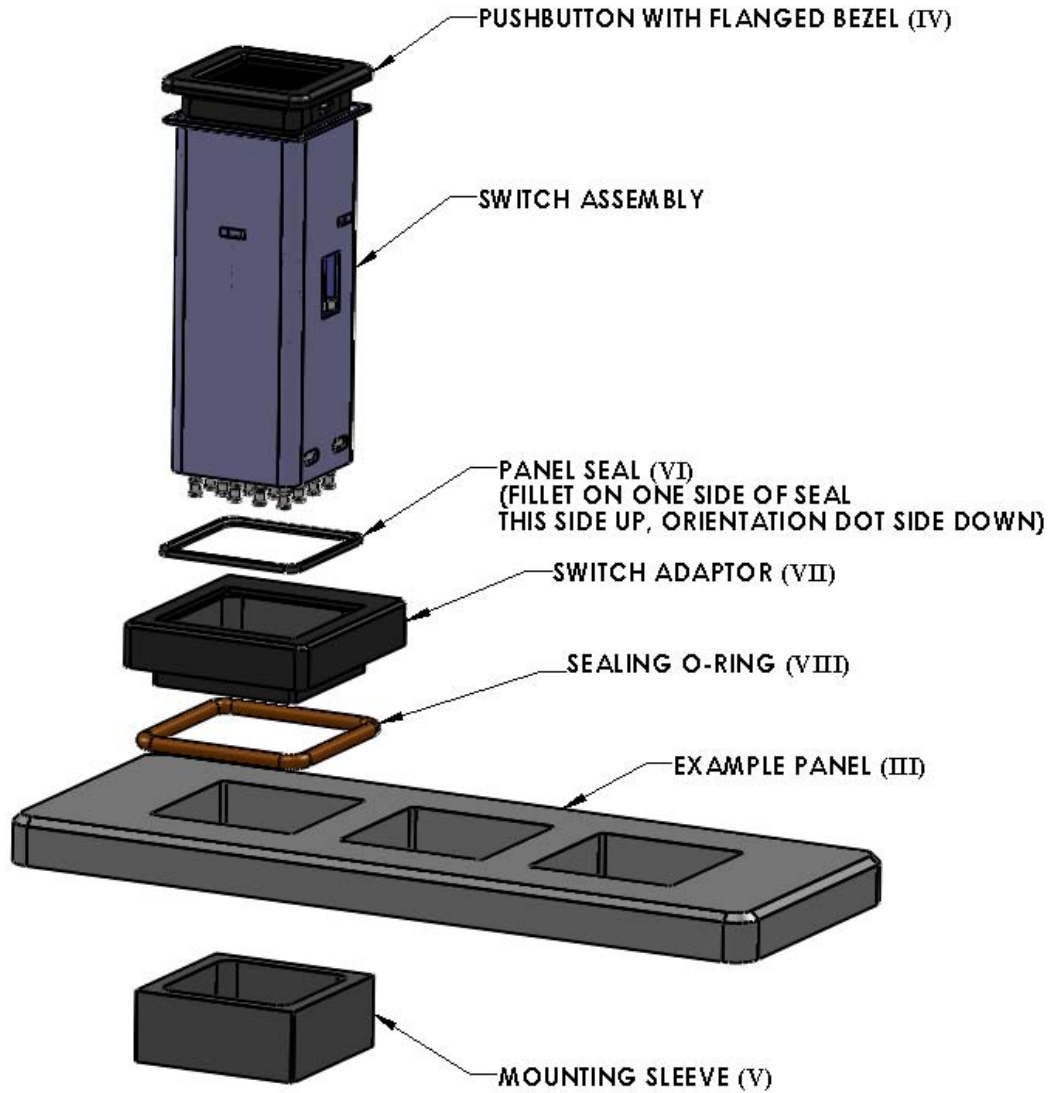
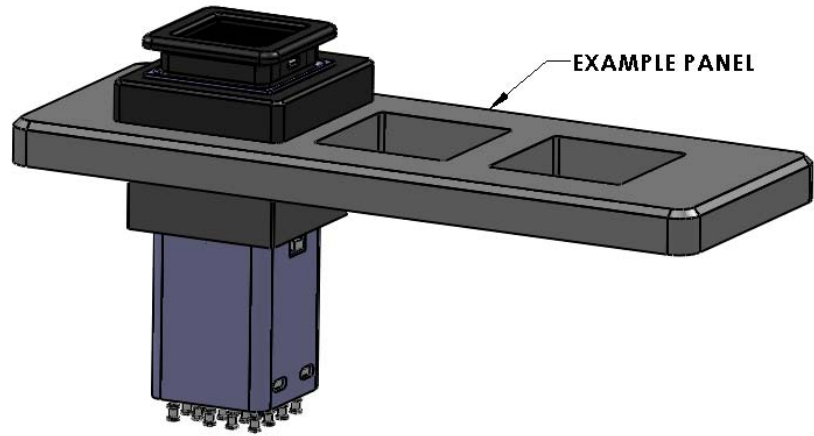


FIGURE 5 - EXPLODED VIEW, -004 CONFIGURATION

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**MOUNTED SWITCH
-004 CONFIGURATION**

FIGURE 6 – FINISHED -004 CONFIGURATION.

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