



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB04-0009

July 19, 2004

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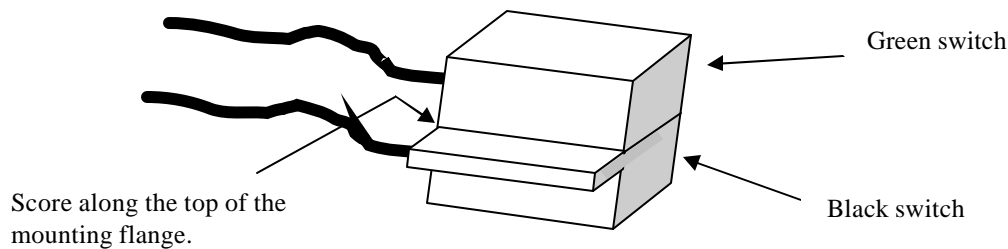
Subject: REPLACEMENT PROXIMITY SWITCH FOR “GREEN” 427223-01

Note: This replacement switch is a direct replacement, if your unit was originally supplied with the “Black” 4A2033-01 switch. Simply dis-regard these instructions. If your unit has the “green” proximity see the instructions below.

The original green proximity switch 427223-01 which has been used on many different models throughout the years is no longer available from the vender. It can be replaced by Proximity Switch 4A2033-01 with a slight modification as follows:

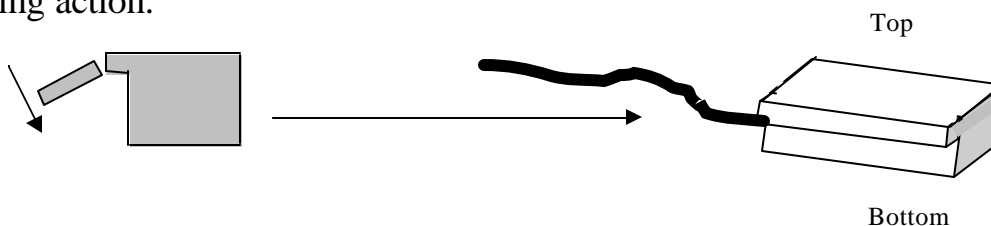
The new black switch was designed to mount to a bracket using two Thumbscrews. The top mounting flange has to be trimmed to fit the green switch mount. The sensing side is on the bottom and must always mount towards the actuator.

1. Using the green switch as a guide, score the flange with a sharp utility knife as shown below. Score it 3 times to make a good score that will break away easily.



2. Once the black switch is scored across the flange top, use pliers to bend the outside of the flange downward then lift it back up to break it loose. The result will be a black switch that is the same width as the original green switch. The length is slightly longer however this will not hinder the switch mounting or operation.

Note: Do not use a hammer or any other device to impact this area. Use only pliers and a bending action.





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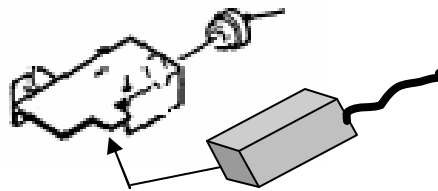
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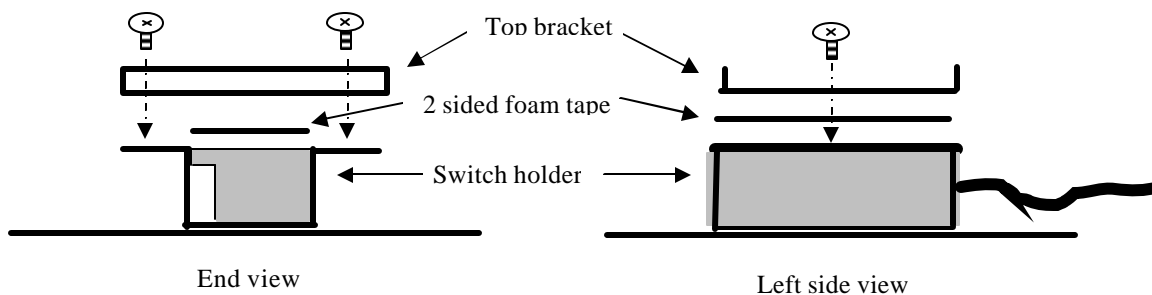
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3. The switch bracket cover for some Flaker models is shown below. For this application, use two-sided tape on the flanged top of the black switch. Apply firm pressure to position it inside the cover in the same position as the original green switch. The tape will hold it securely while it is re-secured. (Do not use metal tape! If available, a thin two sided foam strip will hold the switch more securely in place.)



4. For other models, place a piece of two-sided tape on the top of the black switch and position it in the u-shaped holder so that it is centered between the open ends and the sticky top is up. (Do not use metal tape! If available, a thin two sided foam strip will hold the switch more securely in place.)



5. Turn the top bracket upside down and replace it into its normal position so that it holds the black switch firmly in place.

6. Move the Actuator paddle to check the operation of the switch with an ohm meter before connection is made. The switch should be closed when the actuator paddle is touching the bottom panel. It should open when the paddle is moved to the right.

For questions regarding this issue please contact the Technical Support department by e-mail at techsupport@hoshizaki.com or phone at 1-800-233-1940.