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# SERVICE NOTICE

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**DATE: APRIL 14, 2015**

**RIDE: GRAVITRON, STARSHIP ALIEN ABDUCTION  
AND CENTRIFUGE**

**SUBJECT: TRAP DOOR MICROSWITCH  
INSTALLATION**

Due to the risk of employees being injured by standing in the trapdoor of the Gravitron/Starship/Alien/Centrifuge rides, it is required that the trapdoor be closed at all times. Some agencies require that the trapdoor be permanently closed by welding.

Some agencies require that the trapdoor be accessible as a second means of egress. If this is the case, attached is a system to interlock the trapdoor with the drive system so that when the door is open the drive system is disabled and the operator cannot energize the main motor with the trapdoor open.

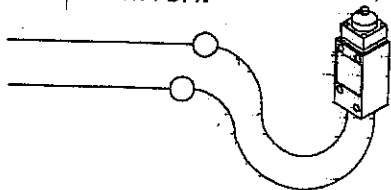
One system or the other is required to be performed.

# !! IMPORTANT SERVICE BULLETIN !!

**DANGER:**  
DISCONNECT POWER BEFORE  
WORKING ON WIRING!!!

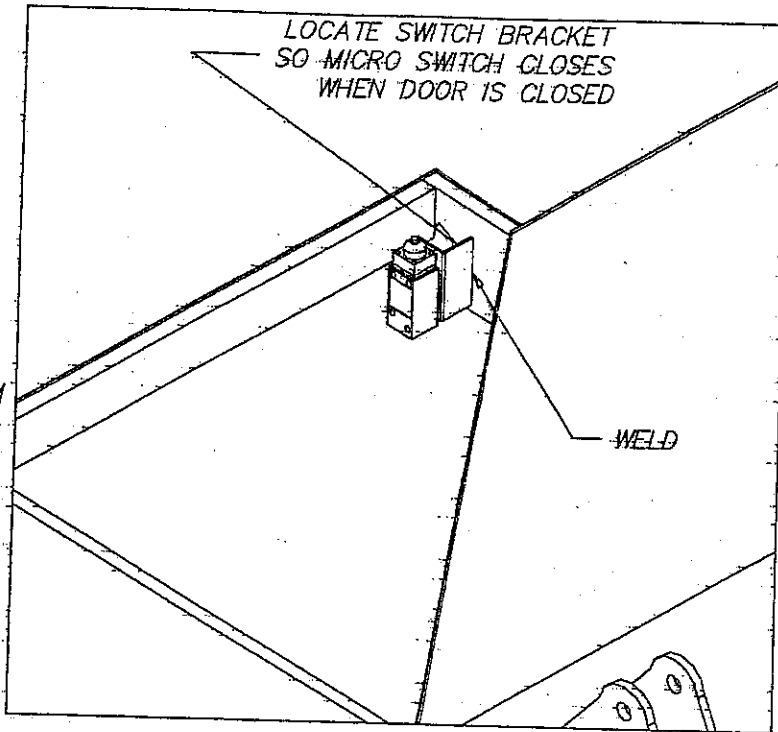
ELECTROCUTION HAZARD  
IS POSSIBLE!!!

1. REMOVE WHITE WITH RED STRIPE FROM COMMUTATOR.
2. ATTACH TO ONE WIRE FROM MICROSWITCH.

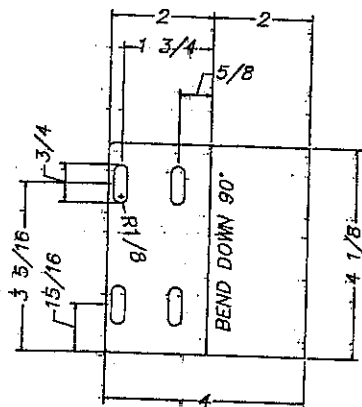


3. ATTACH OTHER WIRE FROM MICROSWITCH TO THE RING THAT THE WHITE WITH RED STRIPE WAS CONNECTED TO.

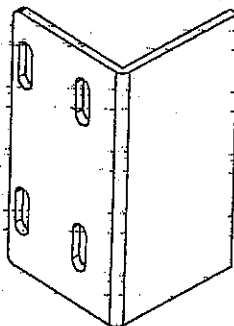
4. WIRES ATTACH TO THE NORMALLY OPEN CONTACTS IN MICROSWITCH.



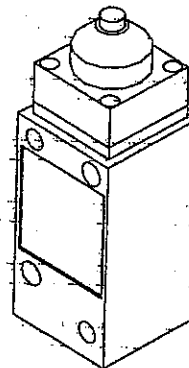
SWITCH INSTALLATION  
SHOWN WITH DOOR OPEN



PART# 7WB2001  
FLAT PATTERN



PART# 7WB2001  
3D VIEW



PART #ESL0001  
MICRO SWITCH



WISDOM  
RIDES

Merino, CO 80741

APPROVED BY:

DESCRIPTION

TRAP DOOR MICROSWITCH INSTALLATION

SCALE: NTS

EQUIPMENT:

GRAVITRON/ STARSHIP/ OTHERS

DATE: 14APR15

DRAWN BY:

MLH

DRAWING NUMBER:

7W03001

APR 14, 2015 - 11:02:45 < U:\GRAV-DWG\7W03001.DWG >