

CAPTIVE PUSHBUTTON, INCANDESCENT, SERIES 90  
INSTALLATION OF TIE PUSHBUTTON RETAINER PN: 15093

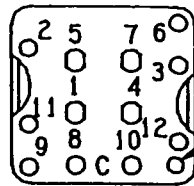
PURPOSE OF TIE PUSHBUTTON RETAINER: TO PROVIDE A MECHANICAL CONNECTION BETWEEN A SERIES 90 SWITCH MODULE AND AN INCANDESCENT LIGHTED PUSHBUTTON SO THAT WHEN THE PUSHBUTTON IS REMOVED FOR RELAMPING IT WILL REMAIN SECURELY ATTACHED TO THAT SWITCH MODULE AND NOT BE INSTALLED IN SOME OTHER SWITCH MODULE BY MISTAKE.

SCOPE: TO PROVIDE INSTRUCTIONS FOR INSTALLING TIE PUSHBUTTON RETAINER AT THE FACTORY (STACOSWITCH) OR IN THE FIELD. ALTHOUGH NO SPECIAL TOOLS ARE REQUIRED, TWEEZERS WOULD BE VERY HELPFUL.

PROCEDURE FOR INSTALLING THE TIE PUSHBUTTON RETAINER IN A SWITCH AND PUSHBUTTON:

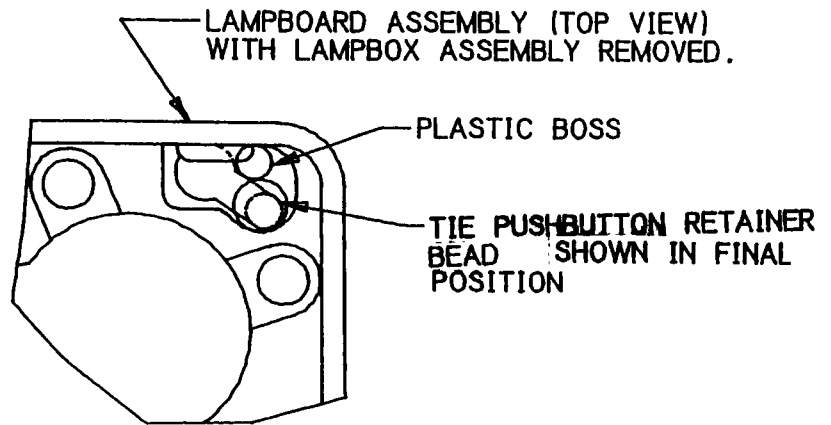
- A. REMOVE PUSHBUTTON FROM SWITCH MODULE.
- B. REMOVE LAMPS (AND DUMMY LAMPS) FROM PUSHBUTTON.
- C. WITH REFERENCE TO FIGURE 3, SLIDE LAMPBOARD ASSEMBLY SIDEWAYS APPROXIMATELY 1/8" FROM THE LAMPBOX ASSEMBLY. (ON SOME VERSIONS IT WILL BE NECESSARY TO MAKE SURE THE COLOR FILTER CAPS DO NOT FALL OUT OF THE LAMPBOX). SET PUSHBUTTON ASIDE.
- D. PER FIGURE 1, INSERT THE SMALLER END OF THE TIE PUSHBUTTON RETAINER INTO THE HOLE IN THE SWITCH HEADER PLATE. THREAD IT ALL THE WAY THROUGH UNTIL THE SMALLER END EXTENDS ABOVE THE FRONT OF THE SWITCH HOUSING. (A STRAIGHTENED PAPERCLIP IS USEFUL FOR THIS OPERATION.)
- E. PER FIGURE 2, PICK UP THE PUSHBUTTON ASSEMBLY AND INSERT THE SMALLER END BEAD OF THE PUSHBUTTON RETAINER INTO THE KEYHOLE SLOT IN THE LAMPBOARD ASSEMBLY. MOVE THE BEAD UP AND OVER THE SMALL PLASTIC BOSS THEN PULL IT DOWN INTO THE POCKET SO THAT IT IS TRAPPED IN THE LAMPBOARD OVER THE SMALLER END OF THE KEYHOLE.
- F. PER FIGURE 3, SLIDE THE LAMPBOX BACK OVER THE LAMPBOARD AND SNAP IT IN PLACE. THE TIE PUSHBUTTON RETAINER IS NOW INSTALLED AND HELD SECURELY IN PLACE IN THE PUSHBUTTON.
- G. RE-INSTALL THE LAMPS (AND DUMMY LAMPS). ORIENT THE PUSHBUTTON TO THE SWITCH MODULE AND SNAP IT INTO PLACE. WHEN INSTALLED CORRECTLY, THE TIE PUSHBUTTON RETAINER WILL SLIDE UP AND DOWN WITHIN THE SWITCH MODULE AS THE PUSHBUTTON IS ACTUATED.

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HOLE IN SWITCH  
HEADER PLATE

FIG. 1

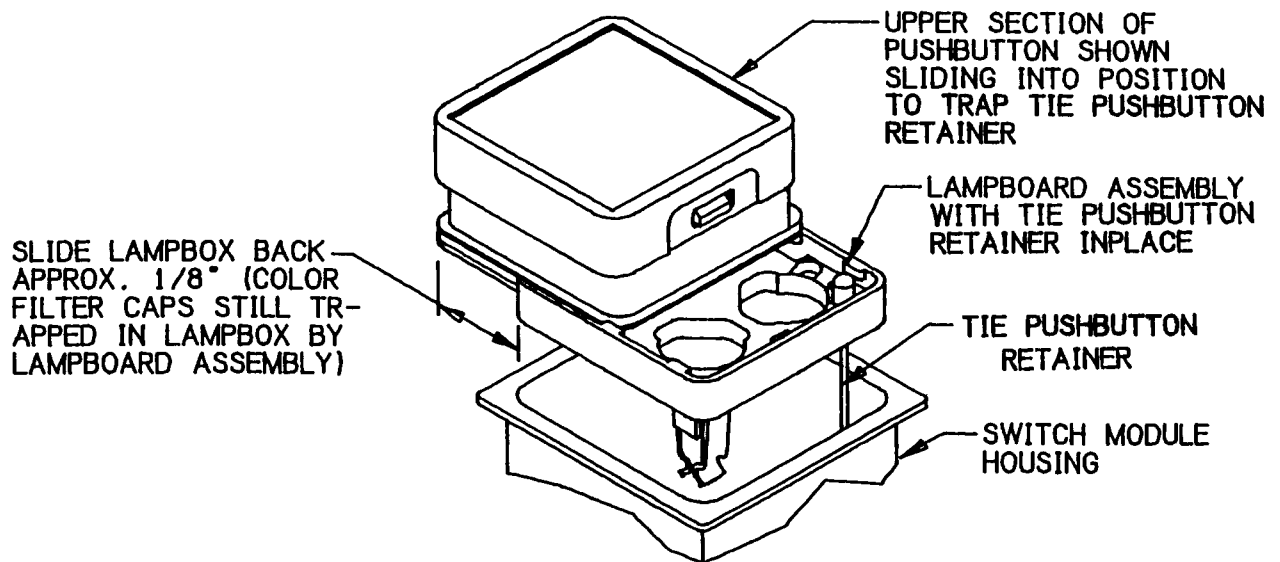


LAMPBOARD ASSEMBLY (TOP VIEW)  
WITH LAMPBOX ASSEMBLY REMOVED.

PLASTIC BOSS

TIE PUSHBUTTON RETAINER  
BEAD SHOWN IN FINAL  
POSITION

FIG. 2



UPPER SECTION OF  
PUSHBUTTON SHOWN  
SLIDING INTO POSITION  
TO TRAP TIE PUSHBUTTON  
RETAINER

LAMPBOARD ASSEMBLY  
WITH TIE PUSHBUTTON  
RETAINER INPLACE

TIE PUSHBUTTON  
RETAINER

SWITCH MODULE  
HOUSING

SLIDE LAMPBOX BACK  
APPROX. 1/8" (COLOR  
FILTER CAPS STILL TR-  
APPED IN LAMPBOX BY  
LAMPBOARD ASSEMBLY)

FIG. 3