

# Dolan-Jenner

industries

## Replacing Lamp Socket in MI-150 Series Light Sources

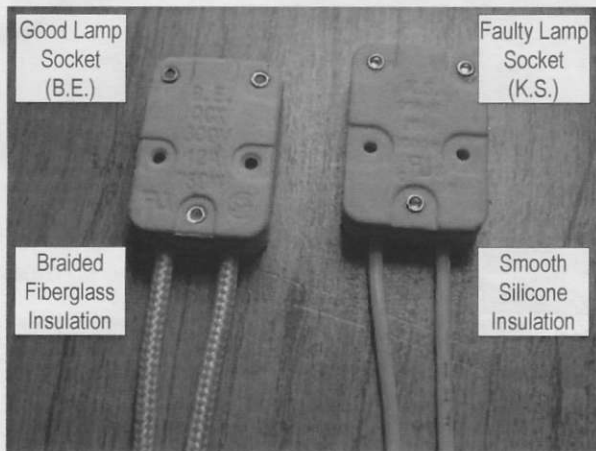
(Includes 115V and 230V, MI-150, MI-152 and MI-157)

Instruction manual for socket replacement kit part # 68600903565

Warning: Risk of Electrical Shock. Disconnect power source and allow cooling time for lamp and lamp socket before continuing.  
Please read all instructions completely before proceeding.

Dolan-Jenner recommends that the following procedure be performed when re-lamping illuminator.

### Determining Faulty vs. Good Lamp Socket



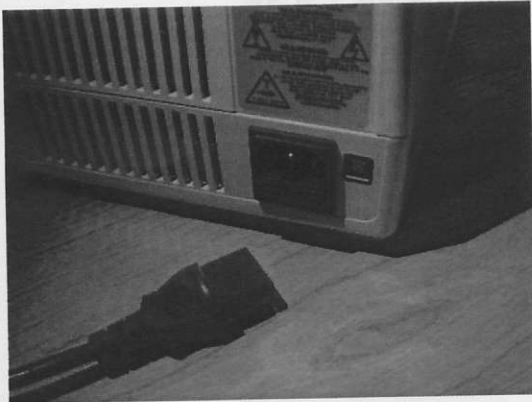
Good Lamp Socket (left side) has a B.E. stamp in center of ceramic on back side of lamp socket.

Faulty lamp Socket (right side) has K.S stamp in center of ceramic on back side.

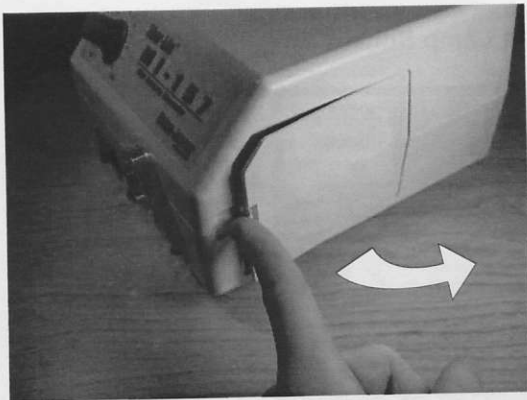
Good Lamp Socket (left side) has braided fiber glass insulation on lead wires.

Faulty lamp socket (right side) lead wires have smooth silicone insulation.

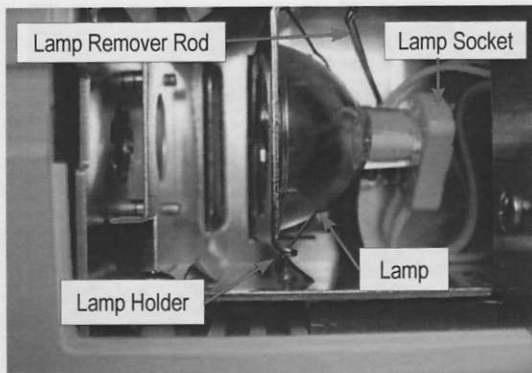
**Instructions:**



1. Turn MI-150 unit off and disconnect line cord from product and power source.



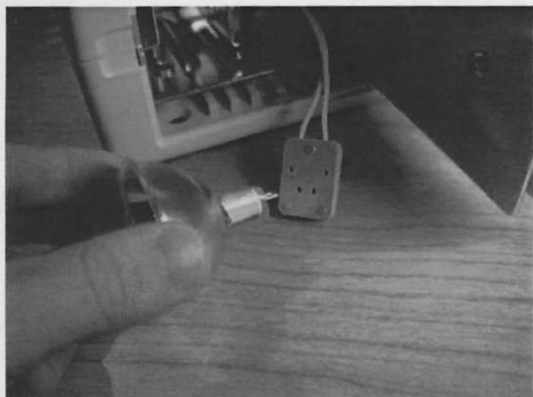
2. Open lamp door located on right side of unit by pushing tab, located on front of door, toward back of unit and pulling away from MI-150. Make sure lamp has completely cooled before moving to step 3.



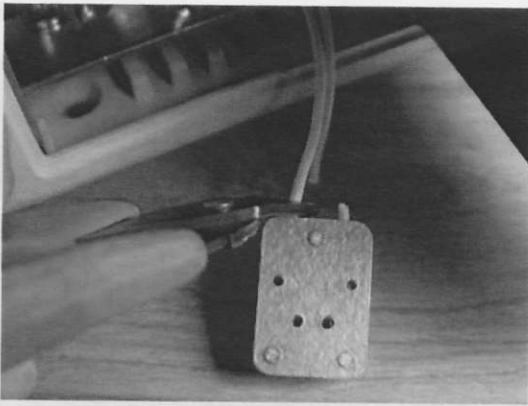
Interior view of MI-150 without Lamp socket remover rod.



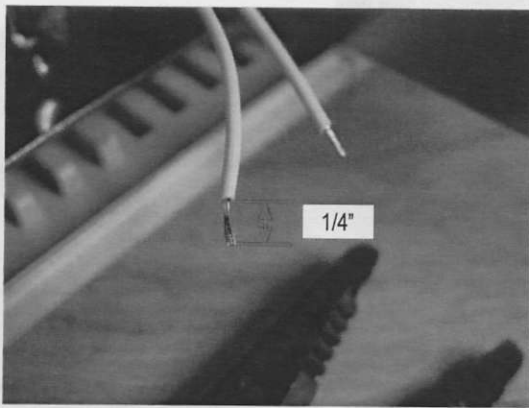
3. Remove lamp from lamp holder by pushing lamp remover rod toward back of MI-150. Lamp remover rod is not in all models. When removing lamp only touch outer surface of lamp, do not touch inner reflective surface or bulb. Doing so may shorten lamp life.



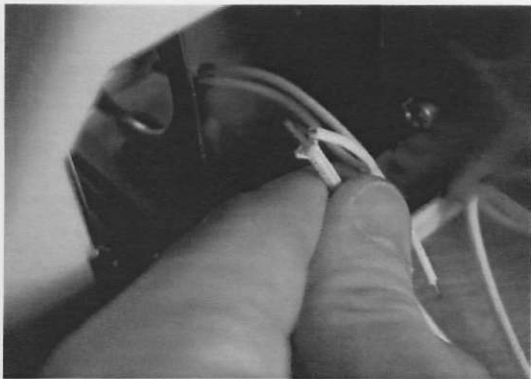
4. Disconnect lamp from lamp socket by pulling lamp away from lamp socket surface. Be sure to hold both lamp and socket firmly.



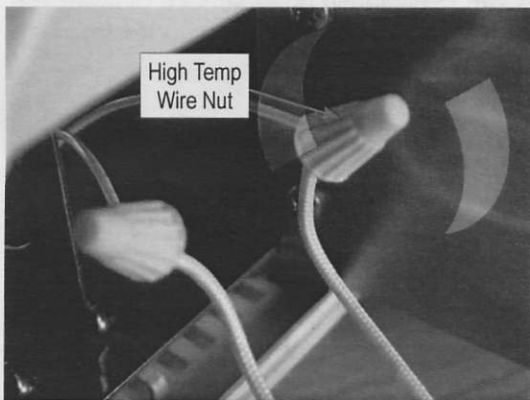
5. With lamp removed, cut lead wires (two white wires running off ceramic lamp socket) as close to the lamp socket as possible. Discard Defective Socket.



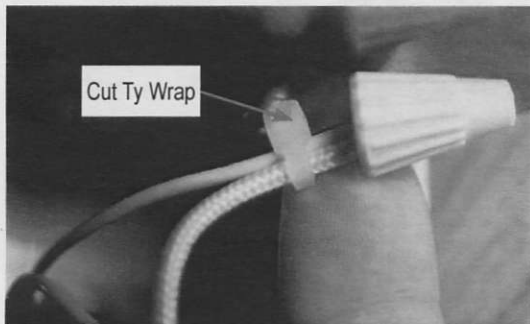
6. Strip both lead wires exposing  $\frac{1}{4}$ " of raw wire on each wire. Use 18 AWG wire strippers taking care not to cut or damage any of the wire strands.



7. Align one stripped end of wire from the MI-150 with one stripped end of wire from new lamp socket.



8. Holding the two wires together and parallel, insert stripped end of wires into the open end of high temp ceramic wire nut. Secure wire nut by turning clockwise until wires are tightly connected. Give a light tug on wires to ensure wires will not pull from wire nuts. Polarity is not important.



9. Use ty wrap to secure the wires tightly together and cut excess material from ty wrap after secured.

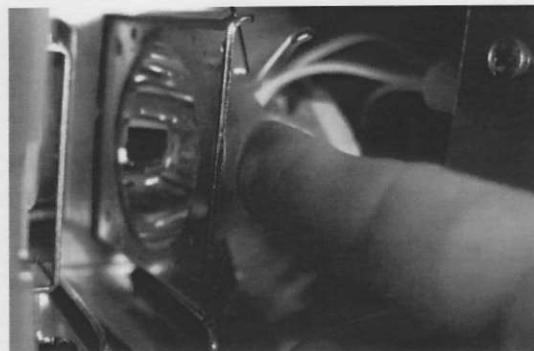
Repeat steps 7, 8 and 9 for remaining wire connection.



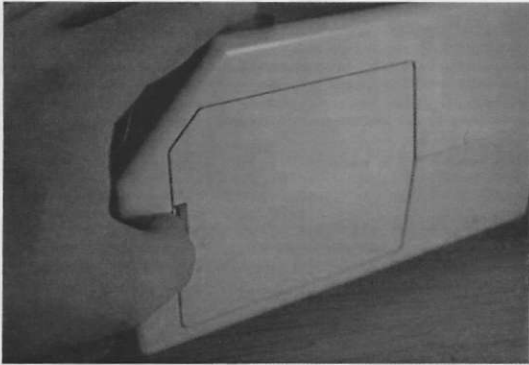
10. Install lamp into new lamp socket by firmly pushing lamp pins into socket holes. When installing lamp only touch outer surface of lamp, do not touch inner reflective surface or bulb. Doing so may shorten lamp life.



11. In models with lamp removal rod, make sure lamp removal rod is in forward position, and place lamp into lamp holder within unit. Be sure lamp is completely seated in lamp holder.



12. Position wires away from both fan and lamp. Secure with ty wraps if necessary.



13. Close lamp door (make sure lamp door is closed before testing as safety switch will keep lamp from working if door is open).



14. Plug line cord back into illuminator and power source.



15. Test unit by switching black rocker switch located on front of unit into on position and turning intensity control knob to adjust light output.

16. If problem persists please contact Dolan-Jenners experienced application engineers for assistance.(1-800-833-4237)