



# PROCEDURE FOR APPLYING GREASE ONTO INT. TUBE OF SPOTLIGHT

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## 1. INTRODUCTION

A HEAVY AND UNIFORM GREASE (GM #9986104 OR EQUIVALENT) COATING ON THE INT. TUBE OF A SPOTLIGHT CAN KEEP MOISTURE AND DUST FROM ENTERING IN BETWEEN THE OUTER AND INT. TUBES AND CAN INCREASE SIGNIFICANTLY THE CORROSION-RESISTANCE CAPABILITY OF THE INT. TUBE. CONSEQUENTLY, IT FACILITATES THE SPOTLIGHT ROTATION ABOUT ITS TUBE AXIS. HENCE, IT IS RECOMMENDED TO APPLY GREASE ONTO THE INT. TUBE ANNUALLY OR WHEN IT BECOMES HARD TO TURN THE SPOTLIGHT ABOUT ITS TUBE AXIS.

## 2. PROCEDURES

- A). REMOVE HANDLE ASSEMBLY BY REMOVING SCREW (A) AND WEDGE (B).
- B). REMOVE SPOTLIGHT HEAD AND SHAFT ASSEMBLY BY LOOSENING SCREW (C).
- C). APPLY WD-40 TO CLEAN AWAY THE DIRT, GREASE AND RUST COMPOUND ACCUMULATED ON THE OUTSIDE OF THE INT. TUBE AND THE INSIDE OF THE OUTER TUBE.
- D). APPLY A HEAVY AND UNIFORM GREASE (GM #9986104 OR EQUIVALENT) TO COVER THE ENTIRE OUTER SURFACE OF THE INT. TUBE.
- E). INSERT SPOTLIGHT HEAD AND SHAFT ASSEMBLY INTO THE OUTER TUBE COMPLETELY AND TIGHTEN SCREW (C) TO CREATE JUST ENOUGH DRAG TO HOLD THE HEAD IN WIND. LIGHT WILL NOT BE TURNED ON IF THE OUTER TUBE IS UNSEATED IN HEAD HOUSING (D) AND OVERTIGHTENING SCREW (C) WILL REQUIRE MORE FORCE TO ROTATE THE SPOTLIGHT HEAD ABOUT THE TUBE AXIS.
- F). INSTALL HANDLE ASSEMBLY. IF THERE IS A FLAT ON INT. TUBE, LINE UP THE FLAT ON WEDGE (B) WITH THE FLAT ON THE INT. TUBE. OTHERWISE, ORIENTATE HANDLE ASSEMBLY PROPERLY SO THAT WITH DOOR FULLY OPEN THERE IS A MINIMUM 1° GAP BETWEEN THE SPOTLIGHT HEAD AND WINDSHIELD AND BETWEEN THE HEAD & DOOR. THEN, TIGHTEN SCREW (A) (55±3 IN.-LBS IS RECOMMENDED).
- G). CHECK FOR PROPER CLEARANCE BY ROTATING THE HANDLE THROUGH ITS FULL ARC WHILE ROTATING THE HEAD 360°.

