

## LAMP SOCKETS 13 AND 41A TYPES INSTALLATION OF KS-8470 PAPER INSULATORS

### 1. GENERAL

1.01 This section describes the method of installing KS-8470 insulators on 13, and 41A type lamp sockets in order to prevent crosses between springs and the socket.

1.02 The KS-8470 insulators may be used to insulate the lamp sockets, as described herein, when trouble is experienced due to battery and ground crosses with the lamp socket framework. Such crosses may be caused by the lamp terminals when the lamps are installed or removed.

### 2. LIST OF TOOLS AND MATERIALS

<u>Code No.</u>	<u>Description</u>
<u>Tools</u>	
319B	Lamp Cap and Number Plate Extractor
553A (or the re- placed 116)	Lamp Extractor
-	KS-6320 Orange Stick
<u>Material</u>	
-	KS-8470 Insulator

### 3. METHOD OF MOUNTING KS-8470 INSULATOR

3.01 Remove the lamp cap with the No. 319B lamp cap and number plate extractor.

Remove the lamp from the socket with the No. 553A lamp extractor.

3.02 Roll the KS-8470 insulator so that it forms a cylinder and is small enough to enter the lamp socket. The insulator may be formed by wrapping it around a lamp or the KS-6320 orange stick.

3.03 Hold the KS-8470 insulator so that it will not unroll and insert it about 1/2 inch into the lamp socket. Release the insulator so that it will unroll and rest against the inside of the socket.

3.04 Push the insulator down with the fingers making certain that both springs are inside the insulator. Continue to press it down until the top edge of the insulator coincides with the top edge of the socket. Then use the KS-6320 orange stick to push the insulator down until the top edge is below the embossing on the socket.

3.05 Place the lamp in the socket until the tip of the bulb is just above the top edge of the socket. Remount the cap using it to push the lamp into position in the socket.

### 4. TESTS AND INSPECTIONS

4.01 Check that the lamp will light satisfactorily in the circuit.