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SURFACE VEHICLE STANDARD

SAE J567

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Submitted for recognition as an American National Standard

(R) Lamp Bulb Retention System

1. Scope—This SAE Standard references the performance and functional requirements of the International Electrotechnical Commission (IEC) and its U.S. member, the American National Standards Institute (ANSI). By referring to IEC/ANSI and its standards concerning bulb sockets, lamp holders, and gages, this document recognizes the need for harmonized standards world-wide for what are typically commodity items. Additional requirements are noted.

2. References

2.1 Applicable Publications—For information concerning lamp bulb retention systems, bulb holders (lamp holders), sockets, and their corresponding gages, both ANSI and IEC documents can be purchased through ANSI. (Addresses for both organizations are included.)

2.1.1 AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)—Available from ANSI, 11 West 42nd Street, New York, NY 10036-8002. Web Site: www.ansi.org

ANSI C81.61—Electric Lamp Bases

ANSI C81.62—Lamp Holders for Electrical Lamps

ANSI C81.63—Gauges for Electrical Lamp Bases and Holders

IEC Publication 61

2.1.2 INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC)—Available from International Electrotechnical Commission (IEC), 3, rue de Varembé, Boîte Postale 131, 1211 Geneva 20, Switzerland.

IEC Publication 61

3. Requirements

3.1 The lamp bulb retention system shall accept and provide for the retention and removal of the maximum and minimum bulb gages listed in the aforementioned reference documents.

3.2 The bulb retention system shall provide the required electrical connections.

3.3 Bulb retention systems employing multiple contacts shall have them spaced so that they are electrically insulated from each other and do not short to ground.

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- 3.4 When the bulb retention system is assembled in its intended application, the insertion and rotational forces required to lock the maximum bulb gage in its final seating position shall not exceed the values shown in reference documents. (See note 1.)
- 3.5 When the bulb retention system is assembled in its intended application, the support provided to the bulb shall be measured with a bulb support gage, if specified in the reference documents.

NOTE 1—Bulb retention systems designed to be removed from their intended application for bulb service, may be checked while removed.

NOTE 2—Bulb retention systems, which provide alternative equivalent bulb supporting means, may be used and need not be checked with the bulb support gage.

4. Notes

- 4.1 **Marginal Indicia**—The change bar (I) located in the left margin is for the convenience of the user in locating areas where technical revisions have been made to the previous issue of the report. An (R) symbol to the left of the document title indicates a complete revision of the report.

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