



SURFACE VEHICLE RECOMMENDED PRACTICE

J151™

APR2020

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Revised 2015-08
Cancelled 2020-04

Superseded by J164 and J3096

Pressure Relief for Cooling System

RATIONALE

SAE J151 is being cancelled and superseded by SAE J164 and SAE J3096.

CANCELLATION NOTICE

This Technical Report has been declared "CANCELLED" as of April 2020 and has been superseded by SAE J164 and SAE J3096. By this action, this document will remain listed in the respective index, if applicable. Cancelled Technical Reports are available from SAE.

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1. SCOPE

This SAE Recommended Practice specifies requirements for pressure relief means and pressure relief rating identification for cooling systems of liquid-cooled engines to reduce the possibility of injuries during opening of the cooling system.

2. REFERENCES

2.1 Applicable Document

The following publication forms a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

2.1.1 SAE Publication

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

SAE J164 Radiator Caps and Filler Necks

3. DEFINITIONS

3.1 COOLING SYSTEM CAP

Herein referred to as cap, means a device which closes the opening used to add coolant to the pressure section of the engine cooling system.

3.2 PRESSURE RELEASE MECHANISM

Means a device which, when activated, allows the pressure in a cooling system to be released.

3.3 LEGIBLE

Means readable under daylight lighting conditions by an observer having 20/20 vision (Snellen) whose eyepoint is located in proximity to the marked surface.