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**Automotive parts — Pressure caps
and filler necks for radiators — Part
2: Performance, test methods and
marking**

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Society of Automotive Engineers of Japan, Inc. (JSAE) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Consequently, **JIS D 2502:1991** has been withdrawn and partially replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

JIS D 2502 consists of the following 2 parts under the general title “*Automotive parts — Pressure caps and filler necks for radiators*”:

Part 1: Dimensions

Part 2: Performance, test methods and marking

Automotive parts — Pressure caps and filler necks for radiators — Part 2 : Performance, test methods and marking

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 9818** published in 1991, but updating the technical contents to reflect the changes that have taken place since 1991.

Annexes JA and JB in this Standard are not contained in the corresponding International Standard. Further, the portions with continuous sidelines and dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with explanations is given in Annex JC.

1 Scope

This Standard specifies the performance, test methods and marking of pressure caps and filler necks for automobile radiators.

NOTE 1 The performance test method for small type flattened pressure caps, which is not included in **ISO 9818** : 1991, is specified in Annex JA.

NOTE 2 The specification of the filler necks for small type flattened pressure cap performance test, which is not included in **ISO 9818** : 1991, is given in Annex JB.

NOTE 3 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 9818 : 1991 Passenger cars — Engine cooling systems — Test methods and marking of pressure caps (MOD)

The symbols which denote the degree of correspondence in the contents between **JIS** and the corresponding International Standard are IDT (identical), MOD (modified) and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

JIS D 2502-1 *Automotive parts — Pressure caps and filler necks for radiators — Part 1 : Dimensions*