
**Road vehicles — Ignition systems —
Test methods and requirements for
high voltage boots on plug-top coils
and pencil coils**

*Véhicules routiers — Systèmes d'allumage — Méthodes d'essai et
exigences en «boots» haute tension sur des bobines droites et des
bobines crayons*



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Road vehicles — Ignition systems — Test methods and requirements for high voltage boots on plug-top coils and pencil coils

1 Scope

This International Standard specifies tests and requirements for all types of high voltage boots on plug-top coils and pencil coils.

2 Tests and requirements

2.1 General

2.1.1 General test conditions

If not otherwise specified all tests shall be carried out at room temperature (RT) (23 ± 5) °C.

Each test sequence shall be started with unused test samples.

Spark-plug insulator shall be manufactured in accordance with the customer's requirements.

The boot shall be positioned on the spark-plug insulator as defined by the customer.

During the whole test sequence, the boot shall be in the specified condition (with/without grease) as defined by the customer.

2.1.2 Visual examination

2.1.2.1 Test

Before and after the tests in 2.2.1 and 2.2.2 respectively, carry out the visual examination with naked eye, corrected, if necessary, to give normal strength of vision and normal colour perception, at the most favourable viewing distance and with suitable illumination.

2.1.2.2 Requirement

Visual examination as in 2.1.2.1 shall allow identification, appearance, workmanship and finish of the item to be checked against the relevant specification.

During visual examination, special care shall be taken to ensure that as a minimum requirement no cracking, significant discoloration, deformation and, where applicable, no ingress of water is in evidence.