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**Reciprocating internal combustion  
engines — Vocabulary —**

**Part 2:  
Terms for engine maintenance**

*Moteurs alternatifs à combustion interne — Vocabulaire —  
Partie 2: Termes relatifs à la maintenance du moteur*



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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 70, *Internal combustion engines*.

This second edition cancels and replaces the first edition (ISO 2710-2:1999), which has been technically revised.

The main changes compared to the previous edition are as follows:

- new terms and definitions have been added;
- French and Russian expressions in ISO 2710-2:1999 have been deleted;
- index has been deleted.

A list of all parts in the ISO 2710 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

# Reciprocating internal combustion engines — Vocabulary —

## Part 2: Terms for engine maintenance

### 1 Scope

This document defines terms relating to the characteristics of engines and their components relevant to maintenance activities.

This document gives a classification of terms according to reasons for their use and defines typical means, failures and procedures resulting in or from engine maintenance.

### 2 Normative references

There are no normative references in this document.

### 3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <http://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

#### 3.1 Main definitions

##### 3.1.1 failure

premature malfunction or *breakdown* (3.5.7) of a function, a component or the whole engine

##### 3.1.1.1 critical failure

*failure* (3.1.1) that may cause personal casualty, engine scrap or breaking the laws or regulations

##### 3.1.1.2 major failure

*failure* (3.1.1) that causes remarkable degradation of engine performance or *breakdown* (3.5.7) of main components, and cannot be repaired by replacing the *spare part* (3.3.15) with common tools in a short time

Note 1 to entry: The short time is generally 30 min.

##### 3.1.1.3 minor failure

*failure* (3.1.1) that affects the performance of the engine, but does not cause *breakdown* (3.5.7) of main components, and can be repaired by replacing the part with spare with common tools, usually in a short time

Note 1 to entry: The short time is generally 30 min.