
**Reciprocating internal combustion
engines — Vocabulary of components
and systems —**

**Part 11:
Liquid fuel systems**

*Moteurs alternatifs à combustion interne — Vocabulaire des
composants et des systèmes —*

*Partie 11:
Systèmes de carburant liquide*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

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

This second edition cancels and replaces the first edition (ISO 7967-11:2014), which has been technically revised.

The main changes are as follows:

- terms and definitions modified and new entries added;
- editorial revisions.

A list of all parts in the ISO 7967 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.

Reciprocating internal combustion engines — Vocabulary of components and systems —

Part 11: Liquid fuel systems

1 Scope

This document establishes a vocabulary for liquid fuel systems of reciprocating internal combustion engines. The terms and definitions are classified as follows:

- fuel supply system (3.1);
- carburettor (3.2);
- fuel injection system (3.3).

Note ISO 2710-1 gives a classification of reciprocating internal combustion engines and denotes the basic terms and definitions of such engines and their characteristics.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

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

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

3.1 Fuel supply system

3.1.1

fuel supply system

system which consists of low-pressure fuel equipment for delivering fuel from the fuel tank to the high-pressure unit for fuel injection to the engine

3.1.2

fuel feed pump

low-pressure pump delivering fuel from the tank via one or several filters to the high-pressure-generating components

[SOURCE: ISO 7876-5:2021, 3.2]

3.1.3

fuel filter

fuel strainer

filter to eliminate contamination in the fuel