

Australian Standard™

**Internal combustion engines—
Vocabulary of components and systems**

**Part 4: Pressure charging and
air/exhaust gas ducting systems**

[ISO title: Reciprocating internal combustion engines—Vocabulary of components and systems, Part 4: Pressure charging and air/exhaust gas ducting systems]

This Australian Standard was prepared by Committee ME/20, Internal Combustion Engines. It was approved on behalf of the Council of Standards Australia on 30 June 1999 and published on 5 August 1999.

The following interests are represented on Committee ME/20:

Australian Automobile Association
Australian Automotive Aftermarket Association
Australian Industry Group
Australian Institute of Petroleum
Construction & Mining Equipment Association of Australia
Electricity Supply Association of Australia
Environment Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/20, Internal Combustion Engines. It is identical with and has been reproduced from ISO 7967-4:1988, *Reciprocating internal combustion engines—Vocabulary of components and systems, Part 4: Pressure charging and air/exhaust gas ducting systems*.

This Standard is the result of a consensus among the representatives on the Joint Committee to produce it as an Australian Standard.

The Standards in the series are as follows:

AS

- 4591 Internal combustion engines—Vocabulary of components and systems
- 4591.1 Part 1: Structure and external covers
- 4591.2 Part 2: Main running gear
- 4591.3 Part 3: Valves, camshaft drive and actuating mechanisms
- 4591.4 Part 4: Pressure charging and air/exhaust gas ducting systems (this Standard)
- 4591.5 Part 5: Cooling systems
- 4591.6 Part 6: Lubricating systems
- 4591.7 Part 7: Governing systems
- 4591.8 Part 8: Starting systems
- 4591.9 Part 9: Control and monitoring systems

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- (a) *Terminology*
 - (i) The words ‘this Australian Standard’ should replace the words ‘this part of ISO 7967’ whenever they appear.
 - (ii) The words ‘internal combustion engines’ should replace the words ‘reciprocating internal combustion engines’ whenever they appear.
- (b) *Decimal comma* The decimal point should replace the decimal comma whenever it appears.
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<i>Reference to International Standard</i>	<i>Australia Standard</i>
ISO	AS
2710 Reciprocating internal combustion engines—Vocabulary	—

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AUSTRALIAN STANDARD

Internal combustion engines—Vocabulary of components and systems**Part 4:
Pressure charging and air/exhaust gas ducting systems****0 Introduction**

ISO 7967 establishes a vocabulary, in English, French and Russian, for components and systems of reciprocating internal combustion engines. It consists of the following parts:

- Part 1: Structure and external covers.
- Part 2: Main running gear.
- Part 3: Valves, camshaft drive and actuating mechanisms.
- Part 4: Pressure charging and air/exhaust gas ducting systems.
- Part 5: Cooling systems.¹⁾
- Part 6: Lubricating systems.¹⁾
- Part 7: Governing systems.¹⁾
- Part 8: Starting systems.¹⁾
- Part 9: Control and monitoring systems.¹⁾

Introduction

L'ISO 7967 établit un vocabulaire, en anglais, français et russe, des termes relatifs aux composants et aux systèmes des moteurs alternatifs à combustion interne. Elle comprend les parties suivantes:

- Partie 1: Structure du moteur et de ses capotages.
- Partie 2: Mécanismes principaux.
- Partie 3: Soupapes, arbre à cames et mécanismes de commande.
- Partie 4: Compresseur et circuits d'admission et d'échappement.
- Partie 5: Systèmes de refroidissement.¹⁾
- Partie 6: Systèmes de lubrification.¹⁾
- Partie 7: Systèmes de régulation.¹⁾
- Partie 8: Systèmes de démarrage.¹⁾
- Partie 9: Systèmes de contrôle et de surveillance.¹⁾

Введение

ИСО 7967 устанавливает словарь терминов на английском, французском и русском языках, относящихся к компонентам и системам поршневых двигателей внутреннего сгорания. Он состоит из следующих частей:

- Часть 1: Детали остова.
- Часть 2: Основные детали движения.
- Часть 3: Клапаны, привод кулачкового вала и клапанный механизм.
- Часть 4: Системы наддува и газообмена.
- Часть 5: Системы охлаждения.¹⁾
- Часть 6: Системы смазки.¹⁾
- Часть 7: Системы регулирования.¹⁾
- Часть 8: Системы пуска.¹⁾
- Часть 9: Системы контроля и наблюдения.¹⁾

¹⁾ In preparation.

¹⁾ En préparation.

¹⁾ В стадии разработки.