

SLOVENSKI STANDARD

SIST EN ISO 18541-5:2018

01-november-2018

Cestna vozila - Standardizirani dostop do informacij o popravilih in vzdrževanju avtomobilov (RMI) - 5. del: Posebne zahteve za težka tovorna vozila (ISO 18541-5:2018)

Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 5: Heavy duty specific provision (ISO 18541-5:2018)

Straßenfahrzeuge - Standardisierter Zugang zur Reparatur und Wartungsinformationen (RMI) - Spezifische Anforderungen an den Schwerlastverkehr (ISO 18541-5:2018)

Véhicules routiers - Normalisation de l'accès aux informations relatives à la réparation et à la maintenance pour l'automobile (RMI) - Partie 5: Titre manque (ISO 18541-5:2018)

Ta slovenski standard je istoveten z: EN ISO 18541-5:2018

ICS:

43.040.15	Avtomobilska informatika. Vgrajeni računalniški sistemi	Car informatics. On board computer systems
43.180	Diagnostična, vrževalna in preskusna oprema	Diagnostic, maintenance and test equipment

SIST EN ISO 18541-5:2018

en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 18541-5:2018

<https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-733505b30ece/sist-en-iso-18541-5-2018>

EUROPEAN STANDARD

EN ISO 18541-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2018

ICS 43.040.15; 43.180

English Version

Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 5: Heavy duty specific provision (ISO 18541-5:2018)

Véhicules routiers - Normalisation de l'accès aux informations relatives à la réparation et à la maintenance pour l'automobile (RMI) - Partie 5: Dispositions particulières pour les véhicules utilitaires lourds (ISO 18541-5:2018)

Straßenfahrzeuge - Standardisierter Zugang zur Reparatur und Wartungsinformationen (RMI) - Teil 5: Spezifische Anforderungen an den Schwerlastverkehr (ISO 18541-5:2018)

This European Standard was approved by CEN on 8 June 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

(standards.iteh.ai)

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

<https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-861a861a861a>

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 18541-5:2018
<https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-733505b30ece/sist-en-iso-18541-5-2018>

European foreword

This document (EN ISO 18541-5:2018) has been prepared by Technical Committee ISO/TC 22 "Road vehicles" in collaboration with Technical Committee CEN/TC 301 "Road vehicles" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2019, and conflicting national standards shall be withdrawn at the latest by March 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

STANDARD PREVIEW
(standards.iteh.ai)

Endorsement notice

The text of ISO 18541-5:2018 has been approved by CEN as EN ISO 18541-5:2018 without any modification.

SIST EN ISO 18541-5:2018
<https://standards.iteh.ai/catalog/standards/sist/34d5bc06-1b4b-4d31-9165-733505b30ece/sist-en-iso-18541-5-2018>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 18541-5:2018](#)

<https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-733505b30ece/sist-en-iso-18541-5-2018>

INTERNATIONAL
STANDARD

ISO
18541-5

First edition
2018-08

**Road vehicles — Standardized access
to automotive repair and maintenance
information (RMI) —**

**Part 5:
Heavy duty specific provision**

iTeh STANDARD PREVIEW
*Véhicules routiers — Normalisation de l'accès aux informations
relatives à la réparation et à la maintenance pour l'automobile
(RMI) —*
(standards.iteh.ai)

Partie 5: Dispositions particulières pour les véhicules utilitaires lourds
SIST EN ISO 18541-5:2018

<https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-733505b30ece/sist-en-iso-18541-5-2018>



Reference number
ISO 18541-5:2018(E)

© ISO 2018

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 18541-5:2018

<https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-733505b30ece/sist-en-iso-18541-5-2018>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	viii
Introduction	ix
1 Scope	1
2 Normative references	1
3 Terms, definitions and abbreviated terms	2
4 Document overview and structure	4
5 General information	4
5.1 Overview.....	4
5.2 Multi stage and RMI.....	5
6 Basic principles, use case and requirement overview	6
6.1 Basic principles.....	6
6.2 Basic principles for use case definition.....	6
6.3 Basic principles for requirements definition.....	7
6.4 Basic principles for functional user interface requirements definition.....	7
6.5 Basic principles for conformance test case definition.....	7
6.6 Use case clusters.....	8
6.7 Requirements clusters.....	12
6.8 Functional user interface requirements clusters.....	16
6.9 Main conformance test case clusters.....	17
7 Use cases	20
7.1 UC 1 User authentication, authorization and administration.....	20
7.1.1 UC 1.1 Register IO for use of the VM RMI system.....	20
7.1.2 UC 1.2 Register IO employee for use of the VM RMI system.....	20
7.1.3 UC 1.3 Maintain IO status.....	21
7.1.4 UC 1.4 Maintain user status.....	21
7.1.5 UC 1.5 Request to de-register IO employee.....	21
7.1.6 UC 1.6 Login to VM RMI system.....	21
7.1.7 UC 1.7 Grant access to security-related RMI.....	21
7.2 UC 2 Payment for RMI.....	21
7.3 UC 3 Vehicle identification.....	21
7.3.1 UC 3.1 Vehicle identification through use of the VIN.....	21
7.3.2 UC 3.2 Vehicle type identification via product features.....	21
7.3.3 UC 3.3 Vehicle identification through product identifier.....	21
7.3.4 UC 3.4 Unequivocal engine identification.....	22
7.3.5 UC 3.5 Engine type identification via engine features.....	22
7.4 UC 4 Provide selection methods for RMI.....	24
7.4.1 UC 4.1 Select information type.....	24
7.4.2 UC 4.2 Search by standardized terms.....	25
7.4.3 UC 4.3 Navigate using product structure.....	25
7.4.4 UC 4.4 Select by document identifier.....	25
7.5 UC 5 Retrieve information packages.....	25
7.5.1 UC 5.1 Workshop procedures.....	25
7.5.2 UC 5.2 Wiring diagrams.....	25
7.5.3 UC 5.3 Technical service bulletin.....	25
7.5.4 UC 5.4 Recall information.....	26
7.5.5 UC 5.5 Maintenance schedule.....	26
7.5.6 UC 5.6 Spare parts.....	26
7.5.7 UC 5.7 Accessories.....	26
7.5.8 UC 5.8 Labour times.....	26
7.5.9 UC 5.9 Converted vehicles.....	27
7.5.10 UC 5.10 Special tools.....	27

ISO 18541-5:2018(E)

7.5.11	UC 5.11 Type-approval related information	27
7.6	UC 6 Vehicle diagnostics	27
7.6.1	UC 6.1 DTC resolution	27
7.6.2	UC 6.2 VM symptom resolution	27
7.6.3	UC 6.3 Integrated diagnostics	28
7.7	UC 7 Updating, replacing and tuning of modules (ECUs)	28
7.7.1	UC 7.1 Updating and replacing modules	28
7.7.2	UC 7.2 Tuning kit	28
7.8	UC 8 Electronic maintenance history	28
7.9	UC 9 Repair assistance technical support	28
7.10	UC 10 Request contact for specific RMI	28
7.10.1	UC 10.1 Electronic tool information (Diagnostic, Reprogramming, VCI)	28
7.10.2	UC 10.2 Test equipment and diagnostic tool manufacturers	28
7.10.3	UC 10.3 Training material (delegate information)	28
7.10.4	UC 10.4 Redistributors	28
7.10.5	UC 10.5 Republishers	29
7.10.6	UC 10.6 Inspection and testing services	29
7.10.7	UC 10.7 Alternative fuels retrofit systems	29
7.10.8	UC 10.8 Engine and components remanufacturing	29
7.10.9	UC 10.9 Component and parts manufacturers	29
7.10.10	UC 10.10 Validation of independently developed non-proprietary VCIs	29
7.11	UC 11 Courses and training information	29
8	Technical requirements	29
8.1	Requirements cluster — Access-related data administration	29
8.1.1	[TREQ-1] General access-related data administration	29
8.1.2	[TREQ-2] Administration of IO data by the VM	29
8.1.3	[TREQ-3] Administration of IO employee data by the VM	29
8.1.4	[TREQ-4] Administration of payment data by the VM	29
8.1.5	[TREQ-5] Administration of access event data by the VM	29
8.1.6	[TREQ-6] Administration of access event data to security-related RMI by the VM	30
8.2	Requirements cluster — IT architecture	30
8.2.1	[TREQ-7] Conceptual architecture	30
8.2.2	[TREQ-8] Implementation principles	30
8.3	Requirements cluster — External interfaces	30
8.3.1	[TREQ-9] Vehicle communication interface (VCI)	30
8.3.2	[TREQ-10] Trust centre (certificate management)	30
8.3.3	[TREQ-11] Parts ordering for security-related features	30
8.3.4	[TREQ-12] Partnered accessory provider systems	30
8.4	Requirements cluster — Technical infrastructure	30
8.4.1	[TREQ-13] Type of device	30
8.4.2	[TREQ-14] Hardware features	30
8.4.3	[TREQ-15] Operating systems	30
8.4.4	[TREQ-16] Web browsers	30
8.4.5	[TREQ-17] Presentation formats for information packages	31
8.4.6	[TREQ-18] Internet connection	31
8.4.7	[TREQ-19] Performance of the VM RMI system	31
8.5	Requirements cluster — Co-existence of VM software installed on IO client	31
8.5.1	[TREQ-20] Requirements for installing VM-specific software on the IO client	31
8.5.2	[TREQ-21] Requirements for updating of installed VM data and applications on the IO client	31
8.5.3	[TREQ-22] Requirements for the operation of VM-specific software on the IO client	31
8.5.4	[TREQ-23] Requirements for the uninstalling of VM-specific software on the IO client	31
8.5.5	[TREQ-24] Requirements for restoring in case of an abnormal termination of the VM-specific software on the IO client	31
8.6	Requirements cluster — Operations	31

8.6.1	[TREQ-25] VM RMI system availability time	31
8.6.2	[TREQ-26] Support for the usage of the VM RMI system	31
8.6.3	[TREQ-27] Operation of the IO PC	31
8.6.4	[TREQ-28] Requirements cluster "functional user interface"	31
8.7	ISO 18541-2:2014, Annex A	32
9	Functional user interface requirements	32
9.1	Requirements cluster 1 — Standardized access mode	32
9.1.1	VM RMI system standardized navigation	32
9.1.2	[FREQ-1] RMI access mode	32
9.1.3	[FREQ-2] Registration and login support	32
9.2	Requirements cluster 2 — Use cases map	32
9.2.1	[FREQ-3] VM RMI system implemented use cases map	32
9.2.2	[FREQ-4] Download area	33
9.3	Requirements cluster 3 — Navigational pathway	33
9.3.1	[FREQ-5] Navigational pathway	33
10	Conformance test cases	34
10.1	CT cluster 1 — Test technical infrastructure	34
10.1.1	[RMI-CT_TREQ-13, 14, 15, 16, 18, Annex A] Test client configuration	34
10.1.2	[RMI-CT_TREQ-17] Test presentation formats for information packages	34
10.2	CT cluster 2 — Test client's external interfaces	34
10.2.1	[RMI-CT_TREQ-9] Test vehicle communication interface	34
10.2.2	[RMI-CT_TREQ-11] Test parts ordering for security-related features	34
10.2.3	[RMI-CT_TREQ-12] Test partnered accessory provider systems	34
10.3	CT cluster 3 — Test user authentication, authorization and administration	34
10.3.1	[RMI-CT_UC1.1] Test to register IO for use of the VM RMI system	34
10.3.2	[RMI-CT_UC1.2.A] Test to register IO employee for use of the VM RMI system — Scenario A	34
10.3.3	[RMI-CT_UC1.2.B] Test to register IO employee for use of the VM RMI system — Scenario B	34
10.3.4	[RMI-CT_UC1.3] Test to maintain IO status	34
10.3.5	[RMI-CT_UC1.4] Test to maintain user status	34
10.3.6	[RMI-CT_UC1.5] Test to de-register an IO employee	34
10.3.7	[RMI-CT_UC1.6] Test login to VM RMI system	34
10.3.8	[RMI-CT_UC1.7] Test for granting access to security-related RMI	35
10.4	CT cluster 4 — Test functional user interface implementation	35
10.4.1	[RMI-CT_FREQ-1] Test for RMI access mode	35
10.4.2	[RMI-CT_FREQ-2] Test for registration and login support	35
10.4.3	[RMI-CT_FREQ-3] Test for implemented use cases map	35
10.4.4	[RMI-CT_FREQ-4] Test for download area	35
10.4.5	[RMI-CT_FREQ-5] Test for navigational pathway	35
10.5	CT cluster 5 — Test payment for RMI	35
10.5.1	[RMI-CT_UC2] Test payment for RMI	35
10.6	CT cluster 6 — Test for vehicle identification	35
10.6.1	[RMI-CT_UC3.1] Test vehicle identification through use of VIN	35
10.6.2	[RMI-CT_UC3.2] Test vehicle identification via product features	35
10.6.3	[RMI-CT_UC3.3] Test vehicle identification through product identifier	35
10.6.4	[RMI-CT_UC3.4] Test unequivocal engine identification	36
10.6.5	[RMI-CT_UC3.5] Test engine type identification via engine features	37
10.7	CT cluster 7 — Test selection methods for RMI	38
10.7.1	[RMI-CT_UC4.1] Test selection of information type	38
10.7.2	[RMI-CT_UC4.2] Test search by standardized terms	38
10.7.3	[RMI-CT_UC4.3] Test navigation using product structure	38
10.7.4	[RMI-CT_UC4.4] Test selection by document identifier	38
10.8	CT cluster 8 — Test retrieval of information packages	38
10.8.1	[RMI-CT_UC5.1.1] Test retrieval of general workshop procedures	38
10.8.2	[RMI-CT_UC5.1.2] Test retrieval of body repair procedures	38
10.8.3	[RMI-CT_UC5.1.3] Test retrieval of temporary repair procedures	38

ISO 18541-5:2018(E)

10.8.4	[RMI-CT_UC5.1.4] Test retrieval of preparation for PTI	38
10.8.5	[RMI-CT_UC5.2] Test retrieval of wiring diagrams	39
10.8.6	[RMI-CT_UC5.3] Test retrieval of technical service bulletin.....	39
10.8.7	[RMI-CT_UC5.4] Test retrieval of recall information	39
10.8.8	[RMI-CT_UC5.5] Test retrieval of maintenance schedule	39
10.8.9	[RMI-CT_UC5.6.1] Test retrieval of spare parts (identification).....	39
10.8.10	[RMI-CT_UC5.6.2] Test retrieval of spare parts (access).....	39
10.8.11	[RMI-CT_UC5.7.1] Test retrieval of accessory information factory fitted (included in general RMI)	39
10.8.12	[RMI-CT_UC5.7.2] Test retrieval of accessory information partnered with a VM part number.....	39
10.8.13	[RMI-CT_UC5.7.3] Test retrieval of fitting information for accessories with no VM part number	39
10.8.14	[RMI-CT_UC5.8] Test retrieval of labour times	39
10.8.15	[RMI-CT_UC5.9] Test retrieval of converted vehicle information.....	39
10.8.16	[RMI-CT_UC5.10] Test retrieval of special tool information	40
10.8.17	[RMI-CT_UC5.11] Test type-approval related information	40
10.9	CT cluster 9 — Test vehicle diagnostics	40
10.9.1	[RMI-CT_UC6.1] Test DTC resolution	40
10.9.2	[RMI-CT_UC6.2] Test VM symptom resolution	41
10.9.3	[RMI-CT_UC6.3] Test integrated diagnostics.....	41
10.10	CT cluster 10 — Test updating, replacing and tuning of modules (ECUs).....	41
10.10.1	[RMI-CT_UC7.1] Test updating and replacing modules information.....	41
10.10.2	[RMI-CT_UC7.2] Test tuning kit.....	41
10.11	CT cluster 11 — Test electronic maintenance history	41
10.11.1	[RMI-CT_UC8] Test electronic maintenance history information	41
10.12	CT cluster 12 — Test repair assistance, technical support	41
10.12.1	[RMI-CT_UC9] Test repair assistance technical support information.....	41
10.13	CT cluster 13 — Test request for contact information	41
10.13.1	[RMI-CT_UC10.1] Test for retrieval of electronic tool information (Diagnostic, Reprogramming, VCI)	41
10.13.2	[RMI-CT_UC10.2] Test for retrieval of test equipment and diagnostic tool manufacturers information	41
10.13.3	[RMI-CT_UC10.3] Test for retrieval of training material (delegate information).....	41
10.13.4	[RMI-CT_UC10.4] Test for retrieval of redistributor contact information	41
10.13.5	[RMI-CT_UC10.5] Test for retrieval of republisher contact information.....	42
10.13.6	[RMI-CT_UC10.6] Test for retrieval of inspection and testing services information.....	42
10.13.7	[RMI-CT_UC10.7] Test for retrieval of alternative fuels retrofit system information.....	42
10.13.8	[RMI-CT_UC10.8] Test for retrieval of engine and components remanufacturing information.....	42
10.13.9	[RMI-CT_UC10.9] Test for retrieval of component and parts manufacturer information.....	42
10.13.10 [RMI-CT_UC10.10] Test for retrieval of validation of independently developed non-proprietary VCI information.....	42
10.14	CT cluster 14 — Test courses and training information	42
10.14.1	[RMI-CT_UC11] Test for courses and training information	42
10.15	CT cluster 15 — Test data administration requirements.....	42
10.15.1	[RMI-CT_TREQ-1] Test general access-related data administration	42
10.15.2	[RMI-CT_TREQ-2] Test administration of IO data by the VM.....	42
10.15.3	[RMI-CT_TREQ-3] Test administration of IO employee data by the VM.....	42
10.15.4	[RMI-CT_TREQ-4] Test administration of payment data by VM.....	42
10.15.5	[RMI-CT_TREQ-5] Test administration of access event data by VM.....	43
10.15.6	[RMI-CT_TREQ-6] Test administration of access event data to security- related RMI by VM.....	43

10.16	CT cluster 16— Test VM software installation on the IO client.....	43
10.16.1	[RMI-CT_TREQ-20] Test for requirements for installing VM-specific software on the IO client.....	43
10.16.2	[RMI-CT_TREQ-21] Test for requirements for updating of installed VM data and applications on the IO client.....	43
10.16.3	[RMI-CT_TREQ-22] Test for requirements for the operation of VM-specific software on the IO client.....	43
10.16.4	[RMI-CT_TREQ-23] Test for requirements for the uninstalling of VM-specific software on the IO client.....	43
10.16.5	[RMI-CT_TREQ-24] Test for requirements for restoring in case of an abnormal termination of the VM specific software on the IO client.....	43
10.17	CT cluster 17 — Test VM RMI operations.....	43
10.17.1	[RMI-CT_TREQ-25] Test for VM RMI system availability time.....	43
10.17.2	[RMI-CT_TREQ-26] Test for support for the usage of the VM RMI system.....	43
10.18	CT cluster 18 — Test trust centre (certificate management).....	43
10.18.1	[RMI-CT_TREQ-10] Test for trust centre (certificate management).....	43
Bibliography		44

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 18541-5:2018](https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-733505b30ece/sist-en-iso-18541-5-2018)

<https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-733505b30ece/sist-en-iso-18541-5-2018>

ISO 18541-5:2018(E)

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on 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 the following URL: www.iso.org/iso/foreword.html. (standards.iteh.ai)

This document was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 301, *Road vehicles* in collaboration with ISO/TC 22, *Road vehicles*, Subcommittee SC 31, *Data communication*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement). <https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b41-4d31-9f63-733505b30ece/sist-cn-iso-18541-5-2018>

A list of all parts in the ISO 18541 series can be found on the ISO website.

Introduction

This set of standards includes the requirements to be fulfilled by Repair and Maintenance Information (RMI) systems as applied by the

EUROPEAN COMMISSION - ENTERPRISE AND INDUSTRY DIRECTORATE-GENERAL, Consumer goods — Automotive industry EC mandate M/421^[1]

"MANDATE TO THE EUROPEAN STANDARDIZATION ORGANISATIONS FOR STANDARDIZATION IN THE FIELD OF VEHICLE OBD, REPAIR AND MAINTENANCE INFORMATION"

dated Brussels, 21 January 2008.

This mandate relates to the EC type-approval system for vehicles falling into the scopes of Directives 2007/46/EC^[4], 2002/24/EC^[2], 2003/37/EC^[3] and, in particular, to requirements for access to vehicle repair and maintenance information by independent operators.

The ISO 18541 series covers the access to automotive repair and maintenance information for light passenger and commercial vehicles¹⁾ and heavy duty vehicles²⁾ based on Directive 2007/46/EC^[4].

The purpose of the EC Mandate M/421^[1] is to develop a standard or set of standards which specify the requirements to provide "standardized access to repair and maintenance information (RMI)" for independent operators.

The information included in this document derives from the legislative requirements on European level in the field of repair and maintenance information and related security requirements and can be referenced by legislation in other countries.

ITeC STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 18541-5:2018
<https://standards.iteh.ai/catalog/standards/sist/34d5bc0b-1b4b-4d31-9f63-733505b30ece/sist-en-iso-18541-5-2018>

1) REGULATION (EC) No 715/2007 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2007 on type approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information^[5], COMMISSION REGULATION (EC) No 692/2008 of 18 July 2008 implementing and amending Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information^[6] and COMMISSION REGULATION (EC) No 566/2011 of 08 June 2011 implementing and amending Regulations (EC) No 715/2007 and (EC) 692/2008 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information^[6].

2) REGULATION (EC) No 595/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 June 2009 on type-approval of motor vehicles with respect to emissions from heavy duty vehicles (Euro VI) and on access to vehicle repair and maintenance information^[8], COMMISSION REGULATION (EU) No 582/2011 of 25 May 2011^[9] implementing and amending Regulation (EC) No 595/2009 of the European Parliament and of the Council with respect to emissions from heavy duty vehicles (Euro VI), and COMMISSION REGULATION (EU) No 64/2012 of 23 January 2012^[10] amending Regulation (EU) No 582/2011 2011 implementing and amending Regulation (EC) No 595/2009 of the European Parliament and of the Council with respect to emissions from heavy duty vehicles (Euro VI).