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Third edition
2014-05-01

Road vehicles — Interchange of digital information on electrical connections between towing and towed vehicles —

Part 2: Application layer for brakes and running gear

Véhicules routiers — Échange d'informations numériques sur les connexions électriques entre véhicules tracteurs et véhicules tractés —

Partie 2: Couche d'application pour les équipements de freinage et les organes de roulement



Reference number
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Contents

| | Page |
|---|-----------|
| Foreword | iv |
| Introduction | v |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 1 |
| 4 Symbols and abbreviated terms | 4 |
| 5 General Specifications | 4 |
| 6 Application layer | 5 |
| 6.1 Protocol Data Unit (PDU) specification | 5 |
| 6.2 Parameter group number (PGN) | 7 |
| 6.3 Address assignment | 7 |
| 6.4 Message routing | 9 |
| 6.5 Parameters | 10 |
| 6.6 Messages | 57 |
| 7 Conformance tests | 72 |
| 7.1 General | 72 |
| 7.2 Conformance tests for commercial vehicles | 72 |
| 7.3 Conformance tests for towed vehicles | 73 |
| Annex A (normative) Geometric data | 75 |
| Annex B (informative) Message flow | 79 |
| Bibliography | 83 |

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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 3, *Electrical and electronic equipment*.

This third edition cancels and replaces the second edition (ISO 11992-2:2003), which has been technically revised. It also replaces ISO 11992-2:2003/Amd 1:2007.

ISO 11992 consists of the following parts, under the general title *Road vehicles — Interchange of digital information on electrical connections between towing and towed vehicles*:

- *Part 1: Physical and data-link layers*
- *Part 2: Application layer for brakes and running gear*
- *Part 3: Application layer for equipment other than brakes and running gear*
- *Part 4: Diagnostic communication*

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Introduction

This part of ISO 11992 has been established in order to define the data interchange between a commercial vehicle and its towed vehicle(s), including the communication between towed vehicles, using a Controller Area Network (CAN) serial data link as specified in ISO 11992-1 for control and status data related to electronically controlled braking and running gear applications.

It is subject to additions which will become necessary in order to keep pace with experience and technical advances. Care has been taken to ensure that these additions can be introduced in a compatible way, and care will have to be taken in the future so that such additions remain compatible with the previous versions. In particular, it can become necessary to standardize new parameters and parameter groups. ISO members can request that such new parameters and parameter groups are to be included in the future editions of ISO 11992.