ISO 11992-4 :2005-07 (E)

Road vehicles_- Interchange of digital information on electrical connections between towing and towed vehicles_- Part_4: Diagnostics

Contents

Page

Foreword ... iv

Introduction ... v

1 **Scope** ... 1

2 **Normative references** ... 1

3 **Terms and definitions** ... 1

4 **Syntax applied** ... 2

5 **Diagnostic application specification** ... 2
5.1 **General** ... 2
5.2 **Basic diagnostics** ... 2
5.3 **Enhanced diagnostics** ... 3
5.4 **Client and server state diagrams** ... 3

6 **Application layer specification** ... 7
6.1 **General** ... 7
6.2 **Application layer functions** ... 7
6.3 **Application layer services** ... 10
6.4 **Application layer protocol** ... 22

7 **Presentation layer specification** ... 27

8 **Session layer specification** ... 27

9 **Transport layer specification** ... 27

10 **Network layer specification** ... 27
10.1 **General** ... 27
10.2 **Network layer functions** ... 27
10.3 **Network layer services** ... 30
10.4 **Network layer protocol** ... 34

11 **Data link layer specification** ... 42
11.1 **General** ... 42
11.2 **Data link layer service parameter** ... 42

12 **Physical layer specification** ... 43

Annex A (normative) **Addresses** ... 44

Annex B (normative) **Basic diagnostic service parameters** ... 46

Annex C (informative) **Trailer message routing example** ... 65

Annex D (normative) **CAN identifier and frame format** ... 67

Bibliography ... 68