

ISO 27145-2:2012-08 (E)

Road vehicles - Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements - Part 2: Common data dictionary

Contents		Page
Foreword		iv
0	Introduction	v
1	Scope	1
2	Normative references	2
3	Terms, definitions and abbreviated terms	2
3.1	Terms and definitions	2
3.2	Abbreviated terms	4
4	Conventions	5
5	Document overview	5
6	Common data dictionary requirements	7
6.1	Data range layout	7
6.2	Diagnostic trouble code (DTC) range layout	7
7	Data identifier and routine identifier data record requirements	8
7.1	Data identifier and routine identifier definitions	8
7.2	DID and RID data record definition	8
8	Diagnostic trouble code definition	14
8.1	Overview	14
8.2	SAE J2012-DA and SAE J1939-73 DTCs	15
9	Presentation layer requirements	18
	Annex A (normative) DID (PID, MID, ITID) and RID supported definition	19
	Annex B (normative) WWH-OBD server/ECU supported mandatory DID	22
	Annex C (informative) GTR WWH-OBD emissions system parameters	23
	Annex D (normative) GTR WWH-OBD DTCExtendedDataRecord content	30
	Annex E (informative) Definition guidelines for new DID (PID, MID, ITID) assignments	31
	Bibliography	34