

DIN EN ISO 18541-1:2016-04 (E)

Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 1: General information and use case definition (ISO 18541-1:2014)

Contents		Page
European foreword		3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms, definitions, symbols and abbreviated terms	6
3.1	Terms and definitions	6
3.2	Abbreviated terms	12
4	Document overview and structure	12
5	General information	14
5.1	Access to vehicle RMI	14
5.2	Standardized access to RMI benefit examples	15
6	RMI use case overview and principles	16
6.1	Overview of basic principles	16
6.2	Overview of use case clusters	16
7	RMI use cases	21
7.1	UC 1 User authentication, authorization and administration	21
7.2	UC 2 Payment for RMI	24
7.3	UC 3 Vehicle identification	25
7.4	UC 4 Provide selection methods for RMI	27
7.5	UC 5 Retrieve information packages	31
7.6	UC 6 Vehicle diagnostics	35
7.7	UC 7 Updating, replacing and tuning of modules (ECUs)	36
7.8	UC 8 Electronic maintenance history	38
7.9	UC 9 Repair assistance technical support	38
7.10	UC 10 Request contact for specific RMI	38
7.11	UC 11 Courses and training information	43
Bibliography		44
Foreword		4