

# ISO 15031-6:2015-08 (E)

## Road vehicles - Communication between vehicle and external equipment for emissions-related diagnostics - Part 6: Diagnostic trouble code definitions

---

Contents	Page
Foreword .....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Terms, definitions, symbols, and abbreviated terms .....	2
3.1 Terms and definitions .....	2
3.2 Abbreviated terms .....	2
4 Conventions .....	2
5 Document overview .....	2
6 General specification .....	4
6.1 General code information .....	4
6.2 Sensor location definition .....	4
6.2.1 General .....	4
6.2.2 Definition of V6/V8/V12 cylinder engine with two exhaust banks and four catalysts .....	5
6.2.3 Definition of V6/V8/V12 cylinder engine with two exhaust banks and three catalysts .....	5
6.2.4 Definition of L4/L5/L6 cylinder engine with one exhaust bank and two catalysts .....	6
6.2.5 Definition of L4/L5/L6 cylinder engine with one exhaust bank and one catalyst. 6.2.6 Definition of turbocharger/supercharger pressure sensor location draw-thru system .....	6
7 Format structure .....	7
7.1 Description .....	7
7.2 ISO/SAE controlled codes (core DTCs) .....	9
7.3 Manufacturer controlled codes (non-uniform DTCs) .....	9
7.4 Body system groupings .....	10
7.5 Chassis system groupings .....	10
7.6 Powertrain system groupings .....	10
7.7 Network and vehicle integration groupings .....	10
8 Diagnostic trouble code descriptions .....	11
8.1 Diagnostic trouble code application .....	11
8.2 Powertrain systems .....	11
8.3 Body systems .....	12
8.4 Chassis systems .....	12
8.5 Network and vehicle integration systems .....	12
Annex A (normative) Diagnostic trouble code naming guidelines .....	13
Bibliography .....	16