

ICS 43.040.10  
CCS T35



**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 42193.6-2026**

---

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

道路车辆 车辆和外部设备之间排放相关诊断的通信 第6部分：诊断故障码定义  
**(English Translation)**

**Issued on: September 28, 2026**

**Implemented on: April 1, 2027**

---

**Issued by: State Administration for Market Regulation;  
Standardization Administration of China**

## Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

### Foreword

GB/T 42193.6-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Ministry of Industry and Information Technology.

Classification: ICS 43.040.10; CCS T35.

### 1 Scope

Part 6 of this series on road vehicles addresses diagnostic trouble code definitions within the communication between a vehicle and external equipment for emissions-related diagnostics. These codes are the standard labels through which an on-board system reports faults to a scan tool or inspection device. The standard adopts an international standard.

Vehicle manufacturers, engine and electronics suppliers, diagnostic tool makers, emissions inspection operators and regulators work with such definitions when designing and checking diagnostic software. A shared code list lets a tool read the same fault in the same way across different makes and models.

It is a recommended national standard (GB/T) issued under the Ministry of Industry and Information Technology, and it forms one part of a multi-part series, so it should be read together with the other parts that define the communication framework. Manufacturers exporting vehicles to China, or tool suppliers serving the Chinese aftermarket, can use it to align diagnostic implementations.