



International  
Standard

**ISO 15501-1**

**Road vehicles — Compressed  
natural gas (CNG) fuel systems —**

**Part 1:**

**Safety requirements**

*Véhicules routiers — Systèmes d'alimentation en gaz naturel  
comprimé (GNC) —*

*Partie 1: Exigences de sécurité*

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## Foreword

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 41, *Specific aspects for gaseous fuels*.

This fourth edition cancels and replaces the third edition (ISO 15501-1:2016), which has been technically revised. It also incorporates the Amendment ISO 15501-1:2016/Amd. 1:2021.

The main changes are as follows:

- normative references have been updated;
- terminological entries have been updated;
- the reference to the series PRD has been removed;
- an electronic control unit requirement has been added;
- an electrical connections requirement has been added;
- the minimum receptacle clearance has been updated;
- vent line closures requirements have been added;
- gas temperature sensor requirements have been added.

A list of all parts in the ISO 15501 series can be found on the ISO website.

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