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

GB/T 18344-2025

Replacing GB/T 18344-2016

**Specification for the inspection, diagnosis and maintenance of
motor vehicle**

汽车维修、检测、诊断技术规范

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Table of Contents

Foreword	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Classification and cycle of maintenance of motor vehicles	7
5 Motor vehicle maintenance operation requirements	7
6 Quality assurance	22
Annex A (informative) Recommended cycles for elementary maintenance and complete maintenance of road transport vehicles	23
Annex B (informative) Complete maintenance operation flow chart	24
Annex C (informative) Complete maintenance completion quality inspection record form	25
Bibliography	27

1 Scope

This document specifies the classification and cycle of maintenance of motor vehicles, maintenance operation requirements, and quality assurance.

This document applies to the maintenance of in-use motor vehicles that use gasoline or diesel fuel; trailers may refer to this document.

2 Normative references

GB 3847

GB/T 5624

GB 7258

GB/T 8226

GB 18285

GB 38900

3 Terms and definitions

For the purpose of this document, the terms and definitions defined in GB/T 5624, GB 7258, and GB/T 8226, as well as the following apply.

3.1 motor vehicle

A non-rail-borne vehicle powered by motor and having four or more wheels, primarily used for.

- carrying people and/or goods (articles);
- towing vehicles carrying goods (articles) or vehicles for special purposes; - specialized operations.

[Source. GB 7258-2017, 3.2, modified]

3.2 trailer

A non-powered road vehicle designed and manufactured to be towed by a motor vehicle for normal use on roads, primarily used for. - carrying goods; - specialized operations.

NOTE. It includes drawbar trailers, center-axle trailers, and semi-trailers.

[Source. GB 7258-2017, 3.3, modified]

3.3 daily maintenance

Maintenance operation centered on cleaning, resupply, and safety performance inspection.

[Source. GB/T 5624-2019, 6.1.5.1]

3.4 elementary maintenance

Maintenance operation that, in addition to daily maintenance, centered on lubrication and tightening, as well as inspecting safety components in braking, steering, and other systems.

[Source. GB/T 5624-2019, 6.1.5.3]

3.5 complete maintenance

Maintenance operation that, in addition to elementary maintenance, centered on inspecting and adjusting safety components such as the braking system, steering system, suspension, etc., removing and inspecting tires, performing tire rotation, and inspecting and adjusting engine operating conditions and vehicle emission-related systems.

[Source. GB/T 5624-2019, 6.1.5.4]

4.1 Classification of maintenance

Maintenance of motor vehicles is divided into daily maintenance, elementary maintenance, and complete maintenance. Daily maintenance shall be performed by the driver, while elementary maintenance and complete maintenance shall be performed by professionals.

4.2 Cycle of maintenance

4.2.1 Cycle of daily maintenance is before departure, during driving, and after parking.

4.2.2 The determination of cycle of elementary maintenance and complete maintenance

shall be based primarily on mileage intervals. For motor vehicles where mileage intervals are inconvenient to use, driving time intervals may be used.

4.2.3 Mileage intervals or driving time intervals shall be determined according to the

requirements of the maintenance technical information published by the motor vehicle manufacturer (hereinafter referred to as "maintenance technical information"), combined with factors such as vehicle category, vehicle operating condition, mileage, road conditions, climate conditions, and service life.

4.2.4 Recommended cycles for elementary maintenance and complete maintenance for

road transport vehicles are given in Annex A.

5.1 Basic requirements

Motor vehicle maintenance operation items and contents shall be determined according to the maintenance technical information and 5.2, 5.3, and 5.4. For maintenance-free systems, assemblies, and devices whose service life is affected by disassembly, their maintenance operation requirements shall be carried out according to the provisions of the maintenance technical information.

5.2 Daily maintenance

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