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

GB/T 15366-2025

Replacing GB/T 15366-2008

**Types, positions and general requirements for controls of
motorcycles and mopeds**

摩托车和轻便摩托车操纵装置的类型、位置及基本要求

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Table of Contents

- 1 Scope
- 2 Normative References
- 3 Terms and Definitions
- 4 Types and Positions of Controls
 - 4.2 Engine Controls
 - 4.2.1 Starting
 - 4.3 Braking
 - 4.3.2 Rear wheel brake
 - 4.4 Transmission
 - 4.4.1 Clutch
 - 4.4.2 Gear shifter

1 Scope

GB/T 15366-2025 is the Chinese national standard on types, positions and general requirements for controls of motorcycles and mopeds, in the field of road vehicles engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 June 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2026. Classification: ICS 43.140, CCS T80. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the types, positions and general requirements for the controls of motorcycles and mopeds. This document is applicable to the controls of motorcycles and mopeds (hereinafter referred to as the "motorcycles").

2 Normative References

The contents of the following documents constitute indispensable clauses of this document through the normative references in the text. In terms of references with a specified date, only versions with a specified date are applicable to this document. In terms of references without a specified date, the latest version (including all the modifications) is applicable to

this document.

GB/T 5359.1 Term for Motorcycles and Mopeds - Part

3 Terms and Definitions

The terms and definitions defined in GB/T 5359.1 and the following are applicable to this document.

3.1 device An element or combination of elements that is used to perform one or multiple functions.

3.2 control A device operated by the rider using hands or feet to obtain various functions of different mechanisms of the motorcycle.

3.3 handlebar A handle component located at the top of the front fork/steering column and used to control the driving direction of the motorcycle.

3.15 clockwise/counter-clockwise When looking directly at the object from above or outside, the direction/opposite direction of the clock hand's rotation around its axis is clockwise/counter-clockwise.

3.16 center of steering wheel The center point of the upper plane of the steering wheel rim.

3.17 longitudinal plane A plane parallel to the longitudinal center plane of the motorcycle.

4 Types and Positions of Controls

4.1 Main Switch/Ignition Switch The main switch/ignition switch enables the motorcycle's electrical system and also starts the engine. If it is a rotary switch, then, the rotation direction from the "OFF" position to the "ON" position of the ignition switch shall be clockwise.

4.2.1 Starting

4.2.1.1 Starting switch/electric starting switch The operating mode of the starting switch/electric starting switch is as follows:

- a) Position of the control. on the handlebar, the right side;
- b) Type of the control. push-button or touch-tone type.

4.2.1.2 Ignition/starting combination switch When the switch is rotated clockwise, it shall first disconnect the ignition switch, then, connect it, and finally, start the engine.

4.2.2 Engine speed The engine speed is adjusted by the accelerator pedal or throttle controller. The operation is as follows:

- a) Position of the control. on the handlebar, the right side, or in the right foot control

position;

b) Type of the control. rotating handgrip or pedal type;

c) Acceleration adjustment. when the rotating handgrip is rotated counterclockwise or the accelerator pedal is stepped on, the engine speed increases. Except when the vehicle speed control device is activated, after releasing the hand (foot), the control shall automatically return to engine idle speed.

4.2.3 Engine shutdown The engine can be shut down by switching the ignition switch, or by equipping the engine with a power cut-off device. The operation is as follows:

a) Position of the control. on the handlebar, the right side;

b) Type of the control. no special requirements.

4.3 Braking

4.3.1 Front wheel brake The operation of the front wheel brake control is as follows:

a) Position of the control. on the handlebar, the right side, frontend;

b) Type of the control. hand lever type.

4.3.2 Rear wheel brake

4.3.2.1 Motorcycles with hand-operated clutch For motorcycles with hand-operated clutch, the operation of the rear wheel brake control is as follows:

a) Position of the control. in the right foot control position;

b) Type of control device. pedal type.

4.3.2.2 Motorcycles without hand-operated clutch For motorcycles without hand-operated clutch, the operation of the rear wheel brake control can be one of the following modes.

a) Position of the control. on the handlebar, the left side, frontend; Type of the control. hand lever type.

b) Position of the control. in the right foot control position; Type of the control. pedal type.

4.3.3 Combined service brake Motorcycles already equipped with front and rear wheel brake controls may be equipped with combined brake controls that meet the requirements of

4.3.1 and 4.3.2.

4.3.4 Parking brake device The operation of the parking brake device is as follows:

a) Position of the control. the rider shall be able to achieve the brake from the seat;

b) Type of the control. hand lever or pedal type.

4.4.1 Clutch

4.4.1.1 Hand-operated clutch The operation of the hand-operated clutch is as follows:

- a) Position of the control. on the steering wheel, the left side, or front end;
- b) Type of the control. hand lever type.

4.4.1.2 Foot-operated clutch The operation of the foot-operated clutch is as follows:

- a) Position of the control. left foot-operated position;
- b) Type of the control. pedal type. A combined pedal control that simultaneously operates the clutch and gear shifter can be installed on the clutch operating mechanism.

4.4.2 Gear shifter

4.4.2.1 Mechanical gear shifting 4.4.2.1.1 Regardless of whether the controls of gear shifter and clutch are separate or linked, they shall meet the following requirements.

- a) Position of the control. left foot-operated position;
- b) Type of the control. foot lever or rocker arm type;