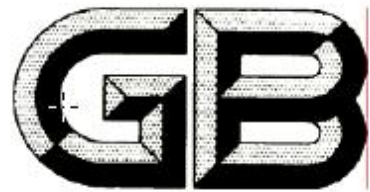


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National Standard of the People's Republic of China

GB15365 - 200X
Replaces GB 15365-1994

Symbols for controls, indicators and telltales for motorcycles and mopeds

Draft for approval

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Contents

Foreword	3
1 Scope	4
2 Terms and definitions	4
3 General principles	4
4 Symbols	5

Foreword

Clauses 3 and 4 of this Standard are mandatory, whilst the rest are recommended.

This standard should be consulted with reference to ISO/DIS 6727:2001, “Road vehicles – Motorcycles – Symbols for controls, indicators and telltales”. The technical content of the motorcycle Part is the same as in ISO/DIS 6727:2001.

This standard replaces GB15365-1994, “Symbols for controls, indicators and telltales for motorcycles”.

In comparison to GB15365-1994, the main revised contents of this Standard are:

- In section 4.1, the symbol for high beam flash warning has been added;
- In section 4.8, the symbol for Anti-lock Braking System failure has been added;
- In section 4.13, the selectable symbols for fuel level have been added;
- In section 4.19, the symbols for reversing lights have been altered;
- In section 4.20 - 4.29, the symbols for special controls, indicators and telltales for electric motorcycles and electric mopeds have been added.

Appendix A to this Standard is an informative annex.

This Standard is proposed by China Association of Automobile Manufacturing.

This Standard is under the jurisdiction of the National Automobile Standardisation Technical Committee.

The organisation that participated in the drafting of this Standard is: Shanghai Motorcycle Research Institute.

The main drafters of this Standard are: Zhao Lina, Li Wenjun.

This Standard replaces the previously issued Standards:

- GB15365-1994.

Symbols for controls, indicators and telltales for motorcycles and mopeds

1 Scope

This Standard specifies the symbols for controls, indicators and tell-tales for motorcycles and mopeds, as well as the colours for light signal units of motorcycles and mopeds.

This standard applies to controls installed on the instrument panel and near to the driver of motorcycles and mopeds; however, this does not mean every control listed in this Standard must be used.

This standard applies to motorcycles and mopeds (hereinafter referred to as motorcycles).

2 Terms and definitions

The following terms and definitions apply to this Standard.

2.1 Control

The device used by the driver of the motorcycle to change the working status or functions of certain equipment.

2.2 Indicator

The instrument (meter) that uses graduated values or digits to indicate the working status of the motorcycle and its components.

2.3 Telltale

The indicating device that uses light signals or sound signals to indicate the functional status of the motorcycle and its components.

3 General Principles

3.1 The positioning of the symbols and telltales should be convenient for a driver in the standard driving seat to observe and identify; the driver, from its standard driving position, must be able to recognise these symbols as the exact symbols specified in Clause 4 of this Standard.

3.2 The colour of the symbols on the controls and telltales should clearly contrast against the background colours so as to be conspicuous. The coating (plating) must not be easily peeled off by the fingers and should be permanently maintained. If there is no paint that can ensure clear identification, then these symbols can only be made to be concave-convex.

3.3 The symbols should be positioned on the corresponding controls, indicators and telltales or nearby places. If this is not possible, then there should be a short solid line to indicate the connection between the symbols and the corresponding controls, indicators or telltales.

3.4 If side views of the motorcycle or motorcycle components are used as symbols, the symbols should assume the motorcycle is being driving from right to left.


3.5 Use parallel rays to indicate focused light, and divergent rays to indicate diffused light.



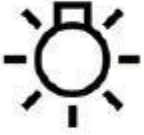




3.6 Use colours to indicate the light signalling devices:






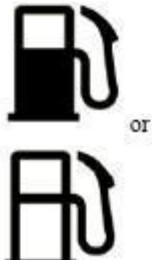
- a) red means danger;
- b) yellow means pay attention;
- c) green means safe.





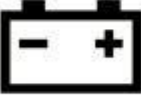


Blue is only used for the headlight switch and the flash warnings for full beam.




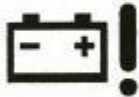



4 Symbols




Clause	Symbol	Device			Symbol Meaning	Telltale Colour	
		Control	Indicator	Telltale			
4.1	a	<input type="checkbox"/>		<input type="checkbox"/>	Headlight Switch	Full Beam 	Blue
	a	<input type="checkbox"/>				Dipped Beam	
	b	<input type="checkbox"/>		<input type="checkbox"/>	Full Beam Flash Warning	Blue	
4.2	a c	<input type="checkbox"/>		<input type="checkbox"/>	Front Fog Light	Green	
4.3	a c	<input type="checkbox"/>		<input type="checkbox"/>	Rear Fog Light	Yellow	

Clause	Symbol	Device			Symbol Meaning	Telltale Colour
		Control	Indicator	Telltale		
4.4		<input type="radio"/>			Lighting Switch (can be combined with ignition control device)	Parking Light
		<input type="radio"/>				Marker Light
		<input type="radio"/>				Master Lighting Switch
4.5	 a d	<input type="radio"/>		<input type="radio"/>	Direction Signal Indicator	Green
4.6	 a e	<input type="radio"/>		<input type="radio"/>	Warning	Red
4.7		<input type="radio"/>			Horn	
4.8				<input type="radio"/>	ABS Antilock Braking System Failure	Yellow

Clause	Symbol	Device			Symbol Meaning	Telltale Colour
		Control	Indicator	Telltale		
4.9			<input type="radio"/>	<input type="radio"/>	Engine Coolant Temperature	Red
4.10	 a		<input type="radio"/>	<input type="radio"/>	Engine Lubricants	Red
4.11		<input type="radio"/>			Manual Choke Valve (Cold Start Device)	
4.12		<input type="radio"/>			Engine Ignition Cut-off Control	Running
		<input type="radio"/>				Cut-off
4.13	 f or		<input type="radio"/>	<input type="radio"/>	Fuel Level	Yellow

Clause	Symbol	Device			Symbol Meaning		Telltale Colour
		control	Indicator	Telltale			
4.14		<input type="radio"/>			Oil Drain Switch	Switch-off	
	 a	<input type="radio"/>	<input type="radio"/>			Switch-on	
	 a	<input type="radio"/>	<input type="radio"/>			Oil Store	
4.15				<input type="radio"/>	Neutral Position Indicator	Green	
4.16				<input type="radio"/>	Battery Charge State	Red	
4.17		<input type="radio"/>			Electric Starter		
4.18		<input type="radio"/>			Windscreen Wiper		

Clause	Symbol	Device			Symbol Meaning	Telltale Colour
		Control	Indicator	Telltale		
4.19		○		○	Reversing Light	Yellow
4.20			○	○	Power Battery Charge State	Yellow
4.21			○	○	Power Battery Fuel Level Note: this symbol can also be used on the cell-filling cap of battery fluid.	Red
4.22				○	Power Battery Failure	Red
4.23				○	Power Battery Cut-off	Yellow
4.24			○	○	Motor and Control Unit Overheated	Red
4.25		○		○	Battery Charger Connection Wire	Red

Clause	Symbol	Device			Symbol Meaning	Telltale Colour
		Control	Indicator	Telltale		
4.26	READY			○	Operational Readiness	Green
4.27	^g 			○	System Failure	Red
4.28	^h 	○			Power Circuit Fuse Box Opening	
4.29	^h 	○			High Voltage/ Danger of Electric Shock Warning	

a, The empty part of the symbol frame can be painted solid.
b, The telltale symbol for the headlight can be used as the telltale symbol for the high beam flash warning.
c, When using the same control to operate the front and rear fog lights, can use the front fog light symbol only.
d, The arrows of the left turn indicator and right turn indicator are allowed to be separated as two symbols.
e, This symbol can only be used on controls or red signal lights, it can be replaced by the two direction indicator arrows specified in 4.5.
f, If a Liquid Crystal Display (LCD) style is adopted for this symbol, it is allowed to adopt flashing as telltale.
g, "System Failure" including electric leakage.
h, The background colour of this symbol should be yellow, the colours for the symbol and its frame should be black.
Note: the symbol "o" in this table means this device is installed.