



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

GB 4094.2-2017

Replacing 4094.2-2005

**Electric vehicles –
Symbols for controls, indicators and tell-tales**

电动汽车 操纵件、指示器及信号装置的标志

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Foreword

This part is drafted in accordance with the rules given GB/T 1.1-2009.

This part replaces GB/T 4094.2-2005 “electric vehicle-symbols for controls, indicators and tell-tales”.

Compared with GB/T 4094.2-2005, in addition to editorial changes, the main technical changes of this part are as follows:

- Add marked instructions and non-marked instructions of symbols for controls, indicators and tell-tales of electric vehicles; (see 4.1, 4.2, 4.3 and 4.4);
- Add the requirements of supplementing auxiliary information based on the symbols (see 4.5);
- Add the relevant provisions of symbol amendment (see 4.6);
- Modify the relevant requirements of displaying color of tell-tales (see Chapter 5, 2005 edition Chapter 5);
- Modify the symbol for the state of charge of power storage battery (see Table 1-No.1, Table 1-No.1 of 2005 edition);
- Modify the ready symbol of driving system (see Table 1-No.2, Table 1-No.7 of 2005 edition);
- Add the limitation symbol of driving power (see Table 1-No.3);
- Modify the connection symbol of external charging cable (see Table 1-No.4, Table 1-No.6 of 2005 edition);
- Modify the fault symbol of power storage battery (see Table 2-No.1, Table 1-No.3 of 2005 edition);
- Modify the fault symbol of drive motor (see Table 2-No.2, Table 1-No.5 of 2005 edition);
- Add the temperature symbol of power storage battery (see Table 2-No.4);
- Add driving range symbol (see Table 3-No.1);
- Add warning tone symbol for low speed of vehicles (see Table 3-No.2);
- Add fixed time charging symbol (see Table 3, No.3);

- Add the symbol for electric-only driving mode of hybrid electric vehicle (see Table 3-No.4);
- Delete the symbol for the height of liquid level of power storage battery (see Table 1-No.2 of 2005 edition);
- Delete the cutting off symbol of power storage battery (see Table 1-No.4 of 2005 edition);
- Delete the symbol for fuse box entrance of motor circuit (see Table 1-No.9 of 2005 edition);
- Delete the symbol for high voltage warning / electric shock hazard (see Table 1-No.10 of 2005 edition);
- Modify symbol figures (see Figure 1-Figure 10, Figure 1-Figure 10 of 2005 edition).

This part was proposed by Ministry of Industry and Information Technology of the People's Republic of China.

This part shall be under the jurisdiction of National Technical Committee of Auto Standardization (SAC/TC 114).

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