

Translated English of Chinese Standard: GB/T36120-2018

www.ChineseStandard.net → Buy True-PDF → Auto-delivery.

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB/T 36120-2018

**Production Label for Child Restraint System
of Power-driven Vehicles
机动车用儿童约束系统产品标识**

Issued on: May 14, 2018

Implemented on: December 1, 2018

**Issued by: State Administration for Market Regulation of the People's
Republic of China;**

**Standardization Administration Committee of the People's
Republic of China.**

Table of Contents

Foreword.....	3
1 Scope	4
2 Normative References.....	4
3 Terms and Definitions	4
4 Content of Production Label	4
5 Layout and Pattern	8
6 Performance Requirements.....	8
7 Performance Test Methods.....	9

Production Label for Child Restraint System of Power-driven Vehicles

1 Scope

This Standard specifies terms, definitions, content, layout, pattern, performance requirements and experiment methods of production label for child restraint system of power-driven vehicles.

This Standard is applicable to child restraint system products of power-driven vehicles sold within the territory of China.

2 Normative References

The following documents are indispensable to the application of this Standard. In terms of references with a specified date, only versions with a specified date are applicable to this Standard. The latest version (including all the modifications) of references without a specified date is also applicable to this Standard.

GB 6675.4 Safety of Toys - Part 4: Migration of Certain Elements

GB 27887 Restraining Devices for Child Occupants of Power-driven Vehicles

ISO 2575: 2004-Z.01 Road Vehicles - Symbols for Controls, Indicators and Tell-tales

3 Terms and Definitions

The following terms and definitions, as well as terms and definitions provided in GB 27887 are applicable to this Standard.

3.1 Production Label for Child Restraint System

Production label for child restraint system refers to label that's adopted to indicate relevant information of child restraint system products.

4 Content of Production Label

4.1 Production Label Shall Include:

path of safety belt in accordance with the method indicated in the figure. If child restraint system is fixed through adult's safety belt, indicate the path of safety belt with colors. If this system faces forward, the color shall be red; if this system faces backward, the color shall be blue. There shall be clarified differences between the path of shoulder belt and waist belt of the safety belt. The modes of color, character or shape can be adopted for differentiation. The installation instruction figure of any product shall indicate the direction of the child restraint system relative to the vehicle. Vehicle seats shall be indicated in the belt installation figure.

c) During the installation of child restraint system in vehicle, the label shall be visible. As to Group 0 of child restraint system, when a child is sitting inside the child restraint system, this label shall also be visible.

d) If there's another alternative restraint mode for children, the stress point of child restraint system that links up adult's safety belt and this alternative restraint mode shall be clearly indicated. This label shall indicate that this is an alternative restraint mode, and it shall respectively satisfy the color requirement of forward and backward seat. The illustration of this alternative restraint mode shall be included in the label and the instruction for usage.

4.2.2.3 "Warning information" indicates matters needing attention during the application of the child restraint system. It shall include j) as specified in 4.1, and indicate the following information:

a) Child restraint system that can be applied both forward and backward shall indicate the following information: "important -- it shall not be applied forward before child's weight exceeds XX (please refer to the instruction for usage)".

b) Warning information of backward child restraint system belongs to one of the content of "warning information". However, it shall be separately indicated in the area where child's head shall be placed in the child restraint system in accordance with the requirements in GB 27887. A warning label indicated in Figure 4 shall be pasted to the internal visible surface (including both sides near the head). This label shall satisfy stipulations in GB 27887.

consistent with GB 6675.4.

6.3 The label shall be permanently fixed and easily visible to seat installers; the content of the label shall still be recognizable after the test described in 7.1.

6.4 After temperature test of paper label and metal label in accordance with the method described in 7.2, the label cannot be lifted up, and shall be easily readable.

6.5 After tensile test of fabric sewing label in accordance with the method described in 7.3, the label shall not be pulled off.

7 Performance Test Methods

7.1 Wiping-resistance Test

Use cotton that's soaked with clear water and wipe the surface of label for 20 times under pressure that's ≥ 10 N. Dry it, then, use cotton that's soaked with undiluted household detergent (non-concentrated laundry detergent) to wipe the surface of label for 20 times under pressure that's ≥ 10 N. Observe changes of the content of label.

7.2 Temperature Test

7.2.1 Room temperature

Place components or assembled child restraint system (with label) under room temperature $23\text{ }^{\circ}\text{C} \pm 2^{\circ}\text{C}$, relative humidity $50\% \pm 10\%$ for 24 h. Make attempts to lift the label without using any tools or solvent.

7.2.2 High temperature

Place components or assembled child restraint system (with label) in a test chamber under $80\text{ }^{\circ}\text{C} \pm 2^{\circ}\text{C}$, relative humidity $65\% \pm 5\%$ for 24 h. Take it out, then, place under room temperature $23\text{ }^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 24 h. Make attempts to lift the label without using any tools or solvent.

7.2.3 Low temperature

Place components or assembled child restraint system (with label) in a test chamber under $-30\text{ }^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 24 h. Take it out, then, place under room temperature $23\text{ }^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 24 h. Make attempts to lift the label without using any tools or solvent.

7.2.4 Cyclic aging

Place components or assembled child restraint system (with label) in a test chamber under ambient temperature $\geq 80\text{ }^{\circ}\text{C}$ for over 24 h. Take it out and cool it down to room temperature $23\text{ }^{\circ}\text{C} \pm 2^{\circ}\text{C}$. After the cooling process, immediately start 3 successive 24 h cycle. Each cycle shall include the following successive procedures:

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----