

ICS 43.040.60  
CCS T 26



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

**GB/T 4780-2000**

---

**Terms for motor vehicle body  
(English Translation)**

**Issued on: June 10, 2000**

**Implemented on: January 1, 2001**

---

**Issued by: State Bureau of Quality and Technical Supervision**

## Table of Contents

|                                             |    |
|---------------------------------------------|----|
| Foreword.....                               | 3  |
| 1 Scope.....                                | 4  |
| 2 Classification.....                       | 4  |
| 3 Design Terms.....                         | 4  |
| 4 Structure Terms.....                      | 8  |
| 5 Part Terms.....                           | 9  |
| 6 Accessory Terms.....                      | 13 |
| Appendix A (Informative) Chinese Index..... | 24 |
| Appendix B (Informative) English Index..... | 24 |

### Foreword

This Standard was formulated by referring to the foreign related vehicle-body terminologies and basing on JB 3653-1984 Car Body Terminologies, GB/T 4780-1984 Terms for Motor Vehicle Body, GB/T 12484-1990 Terms for the Bus Body.

Both Appendix A and Appendix B of this Standard are informative.

Since the implementation date, this Standard replaced JB 3653-1984, GB/T 4780-1984, GB/T 12484-1990.

This Standard was proposed by State Administration of Machinery Industry.

This Standard shall be under the jurisdiction of National Technical Committee for Standardization of Automobile.

Main Drafting organizations of this Standard. Dongfeng Motor Engineering Research Institute.

Participating drafting organizations of this Standard. Dongfeng Peugeot Citroen Automobile Company Ltd., Shanghai Tourism Bus Factory, FAW Wuxi Automobile Factory, and Jiangsu Asiastar Bus Group Co., Ltd.

Main drafting staffs of this Standard. Zhu Liping, Wu Lan, Yu Boying, Wu Rongrong, Li Qin, Zou Yiqun, Zhang Bingrong, Wu Jingcheng, and Gao Sufang.

The first-time published dates for GB/T 4780-1984 Terms for Motor Vehicle Body and GB/T 12484-1990 Terms for the Bus Body are November 1984 and September 1990, respectively.

Terms for Motor Vehicle Body

## 1 Scope

This Standard specifies the terms and definitions of vehicle body.

This Standard is applicable to the vehicle body of car, bus and truck.

## 2 Classification

This Standard divides the vehicle body terms into design terms, structure terms, part terms and accessory terms; those that are applicable to car shall be expressed by the Letter A; those that are applicable to the bus shall be expressed by Letter B; while those that are applicable to the truck shall be expressed by Letter C.

## 3 Design Terms

The design terms shall refer to Table 1.

Table 1 -- Design Terms

SN Terms Definitions Figure No. Applicable

### 3.1 Body

The site for the driver's operation and accommodating the passengers and goods. Its Main function is to provide safe, comfortable ride environment for the occupants; isolate the vibration and noise, not be affected by harsh weather. It includes main body, trim, compartment door, hardware, accessory, and other detachable structural  
A, B, C

### **3.2 Unitized body; integral body**

Integral body structure form without independent

frame A, B

### **3.3 Semi-integral body**

Body and frame are rigidly connected; the structure

form that the body is partially loaded A, B, C

### **3.4 Separate frame construction**

The form of body structure suspended on the

frame A, B, C

### **3.5 One box type body**

The body of which the engine compartment,

passenger space and luggage compartment form

ONE space-shape

Figure 1 A, B

rear-view mirror, wiper, etc.

### **3.44 Check stop Mechanism limiting the opening degree of compartment door A, B, C**

3.45 Adjuster As required by the use function, the total-name of adjustable parts on the body A, B, C

### **3.47 HVAC; climate control**

The assembly of parts used for adjusting the

temperature, humidity, ventilation in the passenger

space

A, B, C

### **3.48 Restrains**

Total-name of restrains setting in the passenger

space for controlling the movement of people and

goods

A, B, C

### **3.49 Door opening Net opening on the body cooperated with door A, B, C**

Table 1 - Completed

SN Terms Definitions Figure No. Applicable

### **3.51 Rocker Partial parts under the door frame A, B, C**

3.52 Jacking point The supporting point on the body designed for assembling and maintaining the vehicle A, B, C

### **3.53 Seat belt anchor point**

Parts on the body or seat frame for mounting the anchor point seat belt assembly A, B, C

### **3.55 Emergency exit**

Exit for the occupants to evacuate in an emergency; It includes emergency door, emergency window and escape hatch

### **3.56 Gang way**

Walking space for the passenger travels from certain (row) seat to other (row) seat or to the edge of topmost step plate of the passenger door.

It excludes.

- a) space about 300mm before the seat;
- b) space above the step plate or stair;
- c) space occupying by seat

### **3.59 Exterior trim Trim outside of the body A, B, C**

3.60 Waist line; belt line It is located under the side window, the shape feature line penetrated from front to rear Figure 3 A, B, C

3.61 Opening line Boundary line on the door, hood, luggage compartment cover, and the