

# JIS

## **JAPANESE INDUSTRIAL STANDARD**

**Automotive parts — Elastomeric  
boots of hydraulic disc  
brakes cylinders using  
a non-petroleum base  
hydraulic brake fluid**

**JIS D 2611—1995**

**Translated and Published**

**by**

**Japanese Standards Association**

**In the event of any doubt arising,  
the original Standard in Japanese is to be final authority.**

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Automotive parts — Elastomeric boots  
of hydraulic disc brakes cylinders  
using a non-petroleum base hydraulic brake fluid

D 2611-1995

1. Scope This Japanese Industrial Standard specifies the rubber boots (hereafter referred to as "boots") assembled to the hydraulic disc brakes for automobiles using non-petroleum base hydraulic brake fluid for the purpose of prevention of the intrusion of foreign matters, water, etc. into its inside.

Remarks: The following standards are cited in this Standard:

- JIS D 2605 Rubber cups for hydraulic cylinders for automotive hydraulic brake systems using a non-petroleum base hydraulic brake fluid
- JIS D 2609 Road vehicles — Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid
- JIS K 2233 Non-petroleum base motor vehicle brake fluids
- JIS K 6251 Tensile testing methods for vulcanized rubber
- JIS K 6253 Hardness testing methods for vulcanized rubber
- JIS K 6257 Accelerated aging test methods for vulcanized rubber
- JIS K 6259 Testing methods of resistance to ozone cracking for vulcanized rubber
- JIS K 6262 Permanent set testing methods for vulcanized rubber
- JIS Z 8401 Rules for rounding off of numerical values

2. Classification Boots shall be classified as given in Table 1.

Table 1. Classification of boots

Classification	Division
Type 1	The boots capable of being used under ordinary conditions
Type 2	The boots capable of being used under the conditions at a high temperature

3. Quality

3.1 Appearance Boots shall be free from blisters, pin holes and cracks on the surface and shall not exist intrusion foreign materials.

3.2 Performance When boots are tested in accordance with 4., their performance shall be as given in Table 2.