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**Automotive parts—Hydraulic brake wheel  
cylinders for hydraulic brake systems  
using a non-petroleum base brake fluid**

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Auto Parts Industries Association (JAPIA) /Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS D 2604 : 1998** is replaced with this Standard.

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# Automotive parts—Hydraulic brake wheel cylinders for hydraulic brake systems using a non-petroleum base brake fluid

## Introduction

This Japanese Industrial Standard was established in 1961 and has been revised 6 times up to the present. The revision at this time is intended to update the specifications in order to respond to the advancement of technology which has been seen since the last revision in 1998.

No corresponding International Standard has been established at this point.

## 1 Scope

This Standard specifies the hydraulic brake wheel cylinders for hydraulic brake systems of automobiles using a non-petroleum base brake fluid (hereafter referred to as the "wheel cylinders").

## 2 Normative references

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

- JIS B 0209-3 *ISO general purpose metric screw threads—Tolerances—Part 3: Deviations for constructional screw threads*
- JIS B 0401-2 *ISO system of limits and fits—Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts*
- JIS B 0601 *Geometrical Product Specifications (GPS)—Surface texture: Profile method—Terms, definitions and surface texture parameters*
- JIS B 2704-1 *Coil springs—Part 1: Basic calculation methods on helical compression and extension springs*
- JIS D 0107 *Road vehicles—Braking equipments—Vocabulary*
- JIS D 2605 *Automotive parts—Rubber cups for hydraulic braking cylinders using a non-petroleum base hydraulic brake fluid*
- JIS D 2608 *Automotive parts—Rubber boots for hydraulic brake wheel cylinders using a non-petroleum base hydraulic brake fluid*
- JIS G 3101 *Rolled steels for general structure*
- JIS G 3141 *Cold-reduced carbon steel sheet and strip*
- JIS G 3521 *Hard drawn steel wires*
- JIS G 3522 *Piano wires*