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

ICS 43.040.40

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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 2603 : 1993** is replaced with this Standard.

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

1 Scope This Japanese Industrial Standard specifies hydraulic brake tandem master cylinders and single master cylinders (hereafter referred to as "master cylinders") for automobiles using non-petroleum base brake fluids.

2 Normative references The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including the amendments) indicated below shall be applied.

- JIS B 0209-1 *ISO general purpose metric screw threads—Tolerances—Part 1 : Principles and basic data*
- JIS B 0401-1 *ISO system of limits and fits—Part 1 : Bases of tolerances, deviations and fits*
- JIS B 0633 *Geometrical Product Specification (GPS)—Surface texture : Profile method—Rules and procedures for the assessment of surface texture*
- JIS B 2704 *Helical compression and extension springs—Requirements for design, performance test method*
- 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 sheets and strips*
- JIS G 3521 *Hard drawn steel wires*
- JIS G 3522 *Piano wires*
- JIS G 4051 *Carbon steels for machine structural use*
- JIS G 4303 *Stainless steel bars*
- JIS G 4313 *Cold rolled stainless steel strip for springs*
- JIS G 4401 *Carbon tool steels*
- JIS G 5501 *Grey iron castings*
- JIS H 3100 *Copper and copper alloy sheets, plates and strips*