

JIS

JAPANESE INDUSTRIAL STANDARD

**Automobile parts —
General rules of electroplating**

JIS D 0201^{—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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Automobile parts — General
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1. Scope This Japanese Industrial Standard specifies general rules for electroplating ⁽¹⁾ (hereafter referred to as "plating") on automobile parts (hereafter referred to as "parts") mainly for the purpose of corrosion prevention, rust prevention and for decorative purpose.

Note ⁽¹⁾ Autocatalytic type electroless plating is not included.

Remarks: The following standards are cited in this Standard:

- JIS H 0400 Glossary of terms used in electroplating
- JIS H 0404 Graphical symbol for electroplated coating
- JIS H 8501 Methods of thickness test for metallic coatings
- JIS H 8502 Methods of corrosion resistance test for metallic coatings
- JIS H 8504 Methods of adhesion test for metallic coatings
- JIS H 8617 Electroplated coatings of nickel and chromium
- JIS H 8630 Electroplated coatings on plastics materials for decorative purposes
- JIS Z 8902 Xenon standard white light source

2. Definitions For the purpose of this Standard, the definitions given in JIS H 0400 apply together with the following definitions:

- (1) vehicle interior Place of usage of parts installed within the automobile body and not exposed directly or indirectly to the weather. Where indirectly or partially exposed to the weather, the place shall be deemed vehicle exterior.
- (2) vehicle exterior Place of usage of parts installed outside of automobile body and exposed directly or indirectly to the weather. Even when within vehicle interior, if indirectly or partially exposed to the weather, the place shall be deemed vehicle exterior.
- (3) significant area Important surface from application standpoint and shall be any one of the following cases:
 - (a) Surface that can be seen from normal direction in usage state.
 - (b) Surface subject easily to wear or damage.
 - (c) Surface subject to change in function by formation of corrosion or rust.
 - (d) Surface ordinarily touched by hand.

3. Classification and symbols of plating