



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS D 5811 : 1994

Inspection of hazard warning
switches for automobiles

ICS 43.040.10

Descriptors : road vehicles, private cars, hazard warning lights, switches, inspection

Reference number : JIS D 5811 : 1994 (E)

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

Date of Establishment: 1974-05-01

Date of Revision: 1994-09-01

Date of Public Notice in Official Gazette: 1994-09-01

Investigated by: Japanese Industrial Standards Committee

Divisional Council on Aircraft and
Automobiles

JIS D 5811 : 1994, First English edition published in 2000-01

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

Inspection of Hazard Warning Switches for Automobiles

1. Scope

This Japanese Industrial Standard specifies the inspection method and criteria of hazard warning switches for automobiles, hereinafter referred to as the "switches".

Remarks 1: These switches mean the push-pull type, slide type and toggle type (including seesaw type) of not more than 175 W in service load.

2: Normative references are as follows:

JIS C 1102 Electrical Indicating Instruments

JIS C 1302 Insulation Resistance Testers (Battery Operated)

JIS D 1601 Vibration Testing Method for Automobile Parts

JIS Z 8703 Standard Atmospheric Conditions for Testing

2. Inspection

2.1 Inspection items The inspection items shall be as follows:

- (1) Knob stroke inspection
- (2) Knob operation inspection
- (3) Strength inspection
- (4) Contact resistance inspection
- (5) Insulation resistance inspection
- (6) Vibration resistance inspection
- (7) Temperature resistance inspection
- (8) Temperature rising inspection
- (9) Passing current inspection
- (10) Endurance inspection

2.2 Inspection Conditions

2.2.1 Standard Condition of Inspection Place The condition shall be ordinary temperature and ordinary humidity specified in JIS Z 8703.