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(JBPI/JSA)

# Cycles — Part 6: Driving device test methods

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.



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## Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Bicycle Promotion Institute (JBPI)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.



Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

**JIS D 9313** series consists of the following 7 parts under the general title *Cycles* :

*Part 1 : General rule for test method and parts test methods*

*Part 2 : Braking device test methods*

*Part 3 : Steering device test methods*

*Part 4 : Body unit test methods*

*Part 5 : Running device test methods*

*Part 6 : Driving device test methods*

*Part 7 : Seating device test methods*

# Cycles — Part 6 : Driving device test methods

## Introduction

This Japanese Industrial Standard has been prepared based on ISO 4210-8 : 2014, Edition 1, with some changes made in the technical contents to reflect the needs and conditions specific to Japan and to ensure safety of the products.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

## 1 Scope

This Standard specifies test methods for driving device of bicycles for general use and bicycles for exclusive sports usage as defined in JIS D 9111.

NOTE The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 4210-8 : 2014 *Cycles — Safety requirements for bicycles — Part 8 : Pedal and drive system test methods* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21-1.

## 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 amendments) indicated below shall be applied.

JIS C 0920 *Degrees of protection provided by enclosures (IP Code)*

NOTE Corresponding International Standard : IEC 60529 : 2001 *Degrees of protection provided by enclosures (IP Code)* (IDT)

JIS D 9111 *Cycles — Classification, terminology and essential characteristics*

NOTE Corresponding International Standard : ISO 4210-1 : 2014 *Cycles — Safety requirements for bicycles — Part 1 : Terms and definitions* (MOD)

JIS D 9313-1 *Cycles — Part 1 : General rule for test method and parts test methods*

NOTE Corresponding International Standard : ISO 4210-3 : 2014 *Cycles — Safety requirements for bicycles — Part 3 : Common test methods* (MOD)

JIS K 6258 *Rubber, vulcanized or thermoplastic — Determination of the effect of liquids*