MALAYSIAN STANDARD

MS 150:2011

Road vehicles - Determination of bead unseating resistance of a tubeless passenger car tyre
(Second revision)

ICS: 83.160.10

Descriptors: road vehicles, bead unseating resistance, tubeless, passenger car tyre, determination, test

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Table 1 Passenger car tyre test inflation pressure for bead unseating test 6

Table 2 Length of bead unseating lever arm (mm) dimension ‘A’ in Figure 1 7

Figure 1 Bead unseating fixture 2

Figure 2a Bead unseating block 4

Figure 2b Bead unseating block 5

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Committee representation

The Industry Standards Committee on Road Vehicles (ISC L) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Automobile Association of Malaysia
Department of Environment
Department of Standards Malaysia
Jabatan Pengangkutan Jalan Malaysia
Malaysian Automotive Association
Malaysian Automotive Components Parts Manufacturers Association
Malaysian Institute of Road Safety Research
Ministry of International Trade and Industry
Motorcycle and Scooter Assemblers and Distributor Association of Malaysia
Motosikal dan Enjin Nasional Sdn Bhd
PERODUA Manufacturing Sdn Bhd
Perusahaan Otomobil Nasional Sdn Bhd
Polis Diraja Malaysia
SIRIM Berhad (Secretariat)
Small and Medium Industries Development Corporation
Universiti Putra Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Tyres, Rims and Valves which developed this Malaysian Standard is managed by the Malaysian Rubber Board in its capacity as an authorised Standards-Writing Organisation and consists of representatives from the following organisations:

Continental Sime Tyre

Federation of Malaysian Manufacturers-Malaysian Automotive Tyres Manufacturers Industry Group

Goodway Rubber Industries Sdn Bhd

Jabatan Keselamatan Jalan Raya

Jabatan Pengangkutan Jalan Malaysia

Malaysian Association of Tyre Retreaders and Dealers Societies

Malaysian Automotive Association

Malaysian Rubber Board (Secretariat)

Malaysian Rubber Products Manufacturers' Association

Silverstone Berhad

SIRIM Berhad

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FOREWORD

This Malaysian Standard was developed by the Technical Committee on Tyres, Rims and Valves under the authority of the Industry Standards Committee on Road Vehicles. Development of this standard was carried out by the Malaysian Rubber Board (MRB) which is the Standards-Writing Organisation (SWO) appointed by SIRIM Berhad to develop standards for rubber and rubber products.

This Malaysian Standard is the second revision of MS 150, *Standard practice for determination of bead unseating resistance of a tubeless passenger car tyre.*

Major modifications in this revision are as follows:

a) the normative references have been updated;

b) terms and definitions are referred to MS 1439, *Definitions of common terms used in tyre industry - Pneumatic tyres;*

c) addition of tyre rims diameter 18 in, 19 in and 20 in with their respective maximum inflation pressure as in Table 2; and

d) the figures have been updated and refined.

This Malaysian Standard cancels and replaces MS 150:1999.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

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