

	SURFACE VEHICLE RECOMMENDED PRACTICE		J179 APR2011
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		Superseding J179 FEB2007	
Labeling - Disc Wheels and Demountable Rims - Trucks			

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE Truck and Bus Wheel Committee and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

1. SCOPE

This SAE Recommended Practice establishes uniform minimum labeling for disc wheels and demountable rims used in truck, bus, and trailer applications.

2. REFERENCES

2.1 Related Publications

The following publications are provided for information purposes only and are not a required part of this document.

2.1.1 SAE Publications

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

SAE J393 Nomenclature—Wheels, Hubs and Rims for Commerical Vehicles

SAE J2133 Disc Wheel Radial Runout Low Point Marking

2.1.2 FMVSS Publication

Available from the Superintendent of Documents, U.S. Government Printing Office, Mail Stop: SSOP, Washington, DC 20402-9320.

FMVSS 120 Tire Selection and Rims for Motor Vehicles with a GVWR of more than 4,536 kilograms (10,000 pounds)

2.1.3 ISO Publication

Available from ANSI, 25 West 43rd Street, New York, NY 10036-8002, Tel: 212-642-4900, www.ansi.org.

ISO 3911 Wheels/rims for pneumatic tyres—Vocabulary, designation, and marking

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SAE WEB ADDRESS:

2.1.4 The Tire and Rim Association, Inc. Publication

Available from Tire and Rim Association, Inc., 175 Montrose West Avenue, Suite 150, Copley, OH 44321.

Truck/Bus Standard for Load and Inflation Identification for Rims and Wheels

3. DEFINITIONS

3.1 Manufacturer's Name

Manufacturer's identification (name, trademark, or symbol).

3.2 Date Stamp

Date of manufacture—month, day, and year; or month and year in this order.

3.3 Rim Size Designation

Nominal rim diameter X nominal rim width.

3.4 Rim Type Designation

Industry or manufacturer's designation for a rim by style or code.

3.5 Multipiece Rim

A rim consisting of more than one part. Usually two pieces (rim base and side ring), or three pieces (rim base, side ring, and lock ring).

3.6 Rim Base

The major portion of a rim which remains after all removable components have been detached.

3.7 Removable Ring

Ring which is removable from the rim base.

4. MARKING

4.1 Marking Specification

4.1.1 Disc wheels and demountable rims shall be marked with the following information:

- a. Rim size designation and, in the case of multipiece rims, the rim type designation
- b. Wheel or rim manufacturer's name
- c. Date stamp
- d. Manufacturer's part number or code

4.1.2 Removable rings shall be marked with the following information:

- a. Identification of rim(s) to which part may be fitted (must include rim size(s) and type designation)
- b. Manufacturer's name

4.1.3 Additional markings may be required by government regulations.

4.2 Marking Display

4.2.1 Size

The marking shall be permanently impressed to a depth of at least 0.13 mm (0.005 in), or embossed to a height of at least 0.13 mm (0.005 in). The characters shall be legible and not less than 3.2 mm (0.12 in) high.

4.2.2 Location

Wheels, demountable rims, and removable rings shall be marked on an area which is visible after a tire is mounted and inflated.

4.3 Supplementary Information

In addition to the minimum markings according to 4.1, other markings may be used and/or may be required by government regulation; for example:

a. Country of manufacture

b. Load, tire construction, and inflation ratings for highway service—typical arrangements (per The Tire & Rim Association):

1. MAX LOAD
5430 lb
MAX PSI
85

2. MAX LOAD MAX PSI
lb COLD
6710 120

3. MAX LOAD 6710 lb D 120 MAX PSI COLD

4. MAX LOAD 5430 lb RADIAL 120 MAX PSI COLD

c. "DOT"

d. A designation which indicates the source of the rim's published nominal dimensions, as follows:

"T" indicates The Tire and Rim Association, Inc.

"E" indicates the European Tire and Rim Technical Organization

"J" indicates Japan Automobile Tire Manufacturers' Association, Inc.

"D" indicates Deutsche Industrie Norm.

"B" indicates British Standards Institute

"S" indicates Scandinavian Tire and Rim Organization

"A" indicates The Tyre and Rim Association of Australia

"N" indicates an independent source

e. Date of manufacture on removable rings.