

SURFACE VEHICLE RECOMMENDED PRACTICE

Submitted for recognition as an American National Standard

SAE J179

REAF.
JUL2001

Issued 1970-06
Reaffirmed 2001-07

Superseding J179 JAN1995

Labeling—Disc Wheels and Demountable Rims—Trucks

Foreword—This reaffirmed document has changed to comply with the SAE Technical Standards Board format. Definitions have changed to Section 3. All other section numbers have changed accordingly.

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.

SAEJ393—Nomenclature—Wheels, Hubs and Rims for Commerical Vehicles

SAEJ2133—Disc Wheel Radial Runout Low Point Marking

2.1.2 FMVSS PUBLICATION—Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-9371.

FMVSS 120—Tire Selection and Rims for Motor Vehicles Other Than Passenger Cars

2.1.3 ISO PUBLICATION—Available from ANSI, 11 West 42nd Street, New York, NY 10036-8002.

ISO3911—Wheels/rims for pneumatic tyres—Nomenclature, designation, and marking

2.1.4 THE TIRE AND RIM ASSOCIATION, INC. PUBLICATION—Available from The Tire and Rim Association, Inc., 175 Montrose West Avenue, 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.

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

TO PLACE A DOCUMENT ORDER: (724) 776-4970 FAX: (724) 776-0790
SAE WEB ADDRESS <http://www.sae.org>

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

SAE J179 Reaffirmed JUL2001

- 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

PREPARED BY THE SAE TRUCK AND BUS WHEEL SUBCOMMITTEE OF
THE SAE TRUCK AND BUS CHASSIS COMMITTEE

SAENORM.COM : Click to view the full PDF of J179_200107