

apart around the circumference of the tire at the area of greatest wear.

(b) *Type*. Vehicles should be equipped with tires on the same axle that are matched in construction and tire size designation, and dual tires shall be matched for overall diameter within one-half inch.

(1) *Inspection procedure*. Examine visually. A mismatch in size and construction between tires on the same axle, or a major deviation from the size recommended by the vehicle or tire manufacturer, is a cause for rejection. On a dual-tire arrangement the diameter of one of the duals must be within one-half inch of the other as measured by a gauge block inserted between the tire and a caliper.

(c) *General condition*. Tires shall be free from chunking, bumps, knots, or bulges evidencing cord, ply or tread separation from the casing.

(1) *Inspection procedure*. Examine visually for the conditions indicated.

(d) *Damage*. Tire cords or belting materials shall not be exposed, either to the naked eye or when cuts on the tire are probed. Reinforcement repairs to the cord body are allowable on tires other than front-mounted tires.

(1) *Inspection procedure*. Examine visually for the conditions indicated, using a blunt instrument if necessary to probe cuts and abrasions.

(e) *Special purpose tires*. Tires marked "Not For Highway Use" or "Farm Use Only" or other such restrictions shall not be used on any motor vehicles operating on public highways.

(1) *Inspection procedure*. Examine visually for tires labeled with specific restrictions.

§ 570.63 Wheel assemblies.

(a) *Wheel integrity*. A tire rim, wheel disc or spider shall have no visible cracks, elongated bolt holes, or indications of in-service repair by welding.

(1) *Inspection procedure*. Examine visually for the conditions indicated.

(b) *Cast wheels*. Cast wheels shall not be cracked or show evidence of excessive wear in the clamp area.

(1) *Inspection procedure*. Examine visually for the conditions indicated.

(c) *Mounting*. All wheel nuts shall be in place and tight.

(1) *Inspection procedure*. Check wheel retention for the conditions indicated.

PART 571—FEDERAL MOTOR VEHICLE SAFETY STANDARDS

Subpart A—General

Sec.

- 571.1 Scope.
- 571.3 Definitions.
- 571.4 Explanation of usage.
- 571.5 Matter incorporated by reference.
- 571.7 Applicability.
- 571.8 Effective date.
- 571.9 Separability.
- 571.10 Designation of seating positions.

Subpart B—Federal Motor Vehicle Safety Standards

- 571.101 Standard No. 101; Controls and displays.
- 571.102 Standard No. 102; Transmission shift position sequence, starter interlock, and transmission braking effect.
- 571.103 Standard No. 103; Windshield defrosting and defogging systems.
- 571.104 Standard No. 104; Windshield wiping and washing systems.
- 571.105 Standard No. 105; Hydraulic and electric brake systems.
- 571.106 Standard No. 106; Brake hoses.
- 571.107 [Reserved]
- 571.108 Standard No. 108; Lamps, reflective devices, and associated equipment.
- 571.109 Standard No. 109; New pneumatic and certain specialty tires.
- 571.110 Tire selection and rims and motor home/recreation vehicle trailer load carrying capacity information for motor vehicles with a GVWR of 4,536 kilograms (10,000 pounds) or less.
- 571.111 Standard No. 111; Rearview mirrors.
- 571.112 [Reserved]
- 571.113 Standard No. 113; Hood latch system.
- 571.114 Standard No. 114; Theft protection.
- 571.115 [Reserved]
- 571.116 Standard No. 116; Motor vehicle brake fluids.
- 571.117 Standard No. 117; Retreaded pneumatic tires.
- 571.118 Standard No. 118; Power-operated window, partition, and roof panel systems.
- 571.119 Standard No. 119; New pneumatic tires for motor vehicles with a GVWR of more than 4,536 kilograms (10,000 pounds) and motorcycles.
- 571.120 Tire selection and rims and motor home/recreation vehicle trailer load carrying capacity information for motor vehicles with a GVWR of more than 4,536 kilograms (10,000 pounds).
- 571.121 Standard No. 121; Air brake systems.

§ 571.1

571.122 Standard No. 122; Motorcycle brake systems.

571.123 Standard No. 123; Motorcycle controls and displays.

571.124 Standard No. 124; Accelerator control systems.

571.125 Standard No. 125; Warning devices.

571.126 Standard No. 126; Electronic stability control systems.

571.127–571.128 [Reserved]

571.129 Standard No. 129; New non-pneumatic tires for passenger cars.

571.131 Standard No. 131; School bus pedestrian safety devices.

571.135 Standard No. 135; Light vehicle brake systems.

571.138 Standard No. 138; Tire pressure monitoring systems.

571.139 Standard No. 139; New pneumatic radial tires for light vehicles.

571.201 Standard No. 201; Occupant protection in interior impact.

571.202 Standard No. 202; Head restraints; Applicable at the manufacturers option until September 1, 2009.

571.202a Standard No. 202a; Head restraints; Mandatory applicability begins on September 1, 2009.

571.203 Standard No. 203; Impact protection for the driver from the steering control system.

571.204 Standard No. 204; Steering control rearward displacement.

571.205 Standard No. 205; Glazing materials.

571.205(a) Glazing equipment manufactured before September 1, 2006 and glazing materials used in vehicles manufactured before November 1, 2006.

571.206 Standard No. 206; Door locks and door retention components.

571.207 Standard No. 207; Seating systems.

571.208 Standard No. 208; Occupant crash protection.

571.208a Optional test procedures for vehicles manufactured between January 27, 2004 and August 31, 2004.

571.209 Standard No. 209; Seat belt assemblies.

571.210 Standard No. 210; Seat belt assembly anchorages.

571.211 [Reserved]

571.212 Standard No. 212; Windshield mounting.

571.213 Standard No. 213; Child restraint systems.

571.214 Standard No. 214; Side impact protection.

571.215 [Reserved]

571.216 Standard No. 216; Roof crush resistance; Applicable unless a vehicle is certified to § 571.216a.

571.216a Standard No. 216a; Roof crush resistance; Upgraded standard.

571.217 Standard No. 217; Bus emergency exits and window retention and release.

571.218 Standard No. 218; Motorcycle helmets.

49 CFR Ch. V (10–1–11 Edition)

571.219 Standard No. 219; Windshield zone intrusion.

571.220 Standard No. 220; School bus rollover protection.

571.221 Standard No. 221; School bus body joint strength.

571.222 Standard No. 222; School bus passenger seating and crash protection.

571.223 Standard No. 223; Rear impact guards.

571.224 Standard No. 224; Rear impact protection.

571.225 Standard No. 225; Child restraint anchorage systems.

571.226 Standard No. 226; Ejection Mitigation.

571.301 Standard No. 301; Fuel system integrity.

571.302 Standard No. 302; Flammability of interior materials.

571.303 Standard No. 303; Fuel system integrity of compressed natural gas vehicles.

571.304 Standard No. 304; Compressed natural gas fuel container integrity.

571.305 Standard No. 305; Electric-powered vehicles: electrolyte spillage and electrical shock protection.

571.401 Standard No. 401; Internal trunk release.

571.403 Standard No. 403; Platform lift systems for motor vehicles.

571.404 Standard No. 404; Platform lift installations in motor vehicles.

571.500 Standard No. 500; Low-speed vehicles.

AUTHORITY: 49 U.S.C. 322, 30111, 30115, 30166 and 30177; delegation of authority at 49 CFR 1.50.

EDITORIAL NOTE: Nomenclature changes to part 571 appear at 69 FR 18803, Apr. 9, 2004.

Subpart A—General

§ 571.1 Scope.

This part contains the Federal Motor Vehicle Safety Standards for motor vehicles and motor vehicle equipment established under section 103 of the National Traffic and Motor Vehicle Safety Act of 1966 (80 Stat. 718).

[33 FR 19703, Dec. 25, 1968. Redesignated at 35 FR 5118, Mar. 26, 1970]

§ 571.3 Definitions.

(a) *Statutory definitions.* All terms defined in section 102 of the Act are used in their statutory meaning.

(b) *Other definitions.* As used in this chapter—

Act means the National Traffic and Motor Vehicle Safety Act of 1966 (80 Stat. 718).