

§ 538.8

§ 538.8 Gallon Equivalents for Gaseous Fuels.

The gallon equivalent of gaseous fuels, for purposes of calculations made under 49 U.S.C. 32905, are listed in Table I:

TABLE I—GALLON EQUIVALENT MEASUREMENTS FOR GASEOUS FUELS PER 100 STANDARD CUBIC FEET

Fuel	Gallon equivalent measurement
Compressed Natural Gas	0.823
Liquefied Natural Gas	0.823
Liquefied Petroleum Gas (Grade HD-5)*	0.726
Hydrogen	0.259
Hythane (Hy5)	0.741

* Per gallon unit of measure.

§ 538.9 Dual fuel vehicle incentive.

The application of 49 U.S.C. 32905(b) and (d) to qualifying dual fuel vehicles is extended to the 2005, 2006, 2007, and 2008 model years.

[69 FR 7703, Feb. 19, 2004]

PART 541—FEDERAL MOTOR VEHICLE THEFT PREVENTION STANDARD

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AUTHORITY: 49 U.S.C. 33101, 33102, 33103, 33105; delegation of authority at 49 CFR 1.50.

49 CFR Ch. V (10–1–10 Edition)

SOURCE: 50 FR 43190, Oct. 24, 1985, unless otherwise noted.

§ 541.1 Scope.

This standard specifies performance requirements for identifying numbers or symbols to be placed on major parts of certain passenger motor vehicles.

§ 541.2 Purpose.

The purpose of this standard is to reduce the incidence of motor vehicle thefts by facilitating the tracing and recovery of parts from stolen vehicles.

§ 541.3 Application.

(a) Except as provided in paragraph (b) and (c) of this section, this standard applies to the following:

(1) Passenger motor vehicle parts identified in § 541.5(a) that are present in:

- (i) Passenger cars; and
- (ii) Multipurpose passenger vehicles with a gross vehicle weight rating of 6,000 pounds or less; and
- (iii) Light-duty trucks with a gross vehicle weight rating of 6,000 pounds or less, that NHTSA has determined to be high theft in accordance with 49 CFR 542.1; and

(iv) Light duty trucks with a gross vehicle weight rating of 6,000 pounds or less, that NHTSA has determined to be subject to the requirements of this section in accordance with 49 CFR 542.2.

(2) Replacement passenger motor vehicle parts identified in § 541.5(a) for vehicles listed in paragraphs (1)(i) to (iv) of this section.

(b) *Exclusions.* This standard does not apply to the following:

(1) Passenger motor vehicle parts identified in § 541.5(a) that are present in vehicles manufactured by a motor vehicle manufacturer that manufactures fewer than 5,000 vehicles for sale in the United States each year.

(2) Passenger motor vehicle parts identified in § 541.5(a) that are present in a line with an annual production of not more than 3,500 vehicles.

(3) Passenger motor vehicle parts identified in § 541.5(a) that are present in light-duty trucks with a gross vehicle weight rating of 6,000 pounds or less, that NHTSA has determined to be subject to the requirements of this section in accordance with 49 CFR 542.2, if

the vehicle line with which these light-duty trucks share majority of major interchangeable parts is exempt from parts marking requirements pursuant to part 543.

(c) For vehicles listed in subparagraphs (1)(i) to (iv) of this section that are (1) not subject to the requirements of this standard until September 1, 2006, and (2) manufactured between September 1, 2006 and August 31, 2007; a manufacturer needs to meet the requirements of this part only for lines representing at least 50% of a manufacturer's total production of these vehicles.

[70 FR 28851, May 19, 2005]

§ 541.4 Definitions.

(a) *Statutory terms.* All terms defined in 49 U.S.C. chapter 331 are used in accordance with their statutory meanings unless otherwise defined in paragraph (b) of this section.

(b) *Other definitions.* (1) *Interior surface* means, with respect to a vehicle part, a surface that is not directly exposed to sun and precipitation.

(2) *Light-duty truck (LDT)* means a motor vehicle, with motive power, except a trailer, designed primarily for the transportation of property or special purpose equipment, that is rated at 6,000 pounds gross vehicle weight or less.

(3) *Line* means a name which a manufacturer applies to a group of motor vehicles of the same make which have the same body or chassis, or otherwise are similar in construction or design. A "line" may, for example, include 2-door, 4-door, station wagon, and hatchback vehicles of the same make.

(4) *1990/91 median theft rate* means 3.5826 thefts per thousand vehicles produced.

(5) *Multipurpose passenger vehicle (MPV)* means a passenger motor vehicle which is constructed either on a truck chassis or with special features for occasional off-road operation and which is rated at 6,000 pounds gross vehicle weight or less.

(6) *Passenger car* is used as defined in § 571.3 of this chapter.

(7) *VIN* means the vehicle identification number required by part 565 of this chapter.

[59 FR 64168, Dec. 13, 1994, as amended at 61 FR 29033, June 7, 1996]

§ 541.5 Requirements for passenger motor vehicles.

(a) Each passenger motor vehicle subject to this standard must have an identifying number affixed or inscribed on each of the parts specified in paragraphs (a)(1) through (a)(18) inclusive, if the part is present on the passenger motor vehicle. In the case of passenger motor vehicles not originally manufactured to comply with applicable U.S. vehicle safety and bumper standards, each such motor vehicle subject to this standard must have an identifying number inscribed in a manner which conforms to paragraph (d)(2) of this section, on each of the parts specified in paragraphs (a)(1) through (a)(18), inclusive, if the part is present on the motor vehicle.

- (1) Engine.
- (2) Transmission.
- (3) Right front fender.
- (4) Left front fender.
- (5) Hood.
- (6) Right front door.
- (7) Left front door.
- (8) Right rear door.
- (9) Left rear door.
- (10) Sliding or cargo door(s).
- (11) Front bumper.
- (12) Rear bumper.
- (13) Right rear quarter panel (passenger cars).
- (14) Left rear quarter panel (passenger cars).
- (15) Right-side assembly (MPVs).
- (16) Left-side assembly (MPVs).
- (17) Pickup box, and/or cargo box (LDTs).
- (18) Rear door(s) (both doors in case of double doors), decklid, tailgate, or hatchback (whichever is present).

(b)(1) Except as provided in paragraphs (b)(2) and (b)(3) of this section, the number required to be inscribed or affixed by paragraph (a) shall be the VIN of the passenger motor vehicle.

(2) In place of the VIN, manufacturers who were marking engines and/or transmissions with a VIN derivative consisting of at least the last eight characters of the VIN on October 24,