

§ 86.001-25

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§ 86.001-25 Maintenance.

Section 86.001-25 includes text that specifies requirements that differ from § 86.094-25 or § 86.098-25. Where a paragraph in § 86.094-25 or § 86.098-25 is identical and applicable to § 86.001-25, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.094-25.” or “[Reserved]. For guidance see § 86.098-25.”

(a)(1) Applicability. This section applies to light-duty vehicles, light-duty trucks, and heavy-duty engines.

(2) Maintenance performed on vehicles, engines, subsystems, or components used to determine exhaust, evaporative or refueling emission deterioration factors, as appropriate, is classified as either emission-related or non-emission-related and each of these can be classified as either scheduled or unscheduled. Further, some emission-related maintenance is also classified as critical emission-related maintenance.

(b) introductory text through (b)(3)(vi)(D) [Reserved]. For guidance see § 86.094-25.

(b)(3)(vi)(E) through (b)(3)(vi)(J) [Reserved]. For guidance see § 86.098-25.

(b)(3)(vii) through (b)(6)(i)(E) [Reserved]. For guidance see § 86.094-25.

(b)(6)(i)(F) [Reserved]. For guidance see § 86.098-25.

(b)(6)(i)(G) through (H) [Reserved]. For guidance see § 86.094-25.

(i) [Reserved]. For guidance see § 86.000-25.

[61 FR 54887, Oct. 22, 1996]

§ 86.001-26 Mileage and service accumulation; emission measurements.

Section 86.001-26 includes text that specifies requirements that differ from § 86.094-26, § 86.095-26, § 86.096-26, § 86.098-26 or § 86.000-26. Where a paragraph in § 86.094-26, § 86.095-26, § 86.096-26, § 86.098-26 or § 86.000-26 is identical and applicable to § 86.001-26, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.094-26.” or “[Reserved]. For guidance see § 86.095-26.” or “[Reserved]. For guidance see § 86.096-26.” or “[Reserved]. For guidance see § 86.098-26.” or “[Reserved]. For guidance see § 86.000-26.”

(a)(1) [Reserved]. For guidance see § 86.094-26.

(a)(2) through (a)(3)(i)(A) [Reserved]. For guidance see § 86.000-26.

(a)(3)(i)(B) [Reserved]. For guidance see § 86.094-26.

(a)(3)(i)(C) [Reserved]. For guidance see § 86.098-26.

(a)(3)(i)(D) through (a)(3)(ii)(B) [Reserved]. For guidance see § 86.094-26.

(a)(3)(ii)(C) [Reserved]. For guidance see § 86.098-26.

(a)(3)(ii)(D) through (a)(4)(i)(B)(4) [Reserved]. For guidance see § 86.094-26.

(a)(4)(i)(C) [Reserved]. For guidance see § 86.000-26.

(a)(4)(i)(D) through (a)(6)(ii) [Reserved]. For guidance see § 86.094-26.

(a)(6)(iii) [Reserved]. For guidance see § 86.000-26.

(a)(7) through (a)(9)(i) [Reserved]. For guidance see § 86.094-26.

(a)(9)(ii) [Reserved]. For guidance see § 86.000-26.

(a)(9)(iii) through (b)(2) introductory text [Reserved]. For guidance see § 86.094-26.

(b)(2)(i) through (b)(2)(ii) [Reserved]. For guidance see § 86.000-26.

(b)(2)(iii) [Reserved]. For guidance see § 86.094-26.

(b)(2)(iv) Service or mileage accumulation which may be part of the test procedures used by the manufacturer to establish evaporative and/or refueling emission deterioration factors.

(b)(3) through (b)(4)(i)(B) [Reserved]. For guidance see § 86.094-26.

(b)(4)(i)(C) Exhaust, evaporative and/or refueling emission tests for emission-data vehicle(s) selected for testing under § 86.096-24(b)(1)(ii), (iii) or (iv)(A) or § 86.098-24(b)(1)(vii) shall be conducted at the mileage (2,000 mile minimum) at which the engine-system combination is stabilized for emission testing or at 6,436 kilometer (4,000 mile) test point under low-altitude conditions.

(b)(4)(i)(D) through (b)(4)(ii)(B) [Reserved]. For guidance see § 86.095-26.

(b)(4)(ii)(C) Exhaust, evaporative and/or refueling emission tests for emission data vehicle(s) selected for testing under § 86.094-24(b)(1)(ii), (iii), and (iv) shall be conducted at the mileage (2,000 mile minimum) at which the engine-system combination is stabilized for

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emission testing or at the 6,436 kilometer (4,000 mile) test point under low-altitude conditions.

(b)(4)(ii)(D) [Reserved]. For guidance see § 86.095-26.

(b)(4)(iii) [Reserved]

(b)(4)(iv) through (c)(3) [Reserved]. For guidance see § 86.094-26.

(c)(4) [Reserved]. For guidance see § 86.096-26.

(d) through (d)(2)(i) [Reserved]. For guidance see § 86.094-26.

(d)(2)(ii) [Reserved]. For guidance see § 86.000-26.

(d)(3) through (d)(6) [Reserved]. For guidance see § 86.094-26.

[61 FR 54888, Oct. 22, 1996]

§ 86.001-28 Compliance with emission standards.

Section 86.001-28 includes text that specifies requirements that differ from § 86.094-28, § 86.098-28 or § 86.000-28. Where a paragraph in § 86.094-28, § 86.098-28 or § 86.000-28 is identical and applicable to § 86.001-28, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.094-28.” or “[Reserved]. For guidance see § 86.098-28.” or “[Reserved]. For guidance see § 86.000-28.”

(a)(1) through (a)(2) [Reserved]. For guidance see § 86.000-28.

(a)(3) [Reserved]. For guidance see § 86.094-28.

(a)(4) [Reserved]. For guidance see § 86.098-28.

(a)(4)(i) introductory text [Reserved]. For guidance see § 86.000-28.

(a)(4)(i)(A) through (a)(4)(i)(B)(2)(i) [Reserved]. For guidance see § 86.094-28.

(a)(4)(i)(B)(2)(ii) [Reserved]. For guidance see § 86.000-28.

(a)(4)(i)(B)(2)(iii) through (a)(4)(i)(B)(2)(iv) [Reserved]. For guidance see § 86.094-28.

(a)(4)(i)(C) through (a)(4)(i)(D)(2) [Reserved]. For guidance see § 86.098-28.

(a)(4)(ii)(A)(i) through (a)(4)(ii)(A)(2) [Reserved]. For guidance see § 86.000-28.

(a)(4)(ii)(B) through (a)(4)(ii)(C) [Reserved]. For guidance see § 86.098-28.

(a)(4)(iii) [Reserved]. For guidance see § 86.000-28.

(a)(4)(iv) [Reserved]. For guidance see § 86.094-28.

(a)(4)(v) [Reserved]. For guidance see § 86.098-28.

(a)(5) through (a)(6) [Reserved]. For guidance see § 86.094-28.

(a)(7) introductory text [Reserved]. For guidance see § 86.098-28.

(a)(7)(i) [Reserved]. For guidance see § 86.000-28.

(a)(7)(ii) [Reserved]. For guidance see § 86.094-28.

(b)(1) This paragraph (b) applies to light-duty trucks.

(2) Each exhaust, evaporative and refueling emission standard (and family emission limits, as appropriate) of § 86.001-9 applies to the emissions of vehicles for the appropriate useful life as defined in §§ 86.098-2 and 86.001-9.

(b)(3) through (b)(4)(i) [Reserved]. For guidance see § 86.094-28.

(b)(4)(ii) through (b)(6) [Reserved]. For guidance see § 86.000-28.

(b)(7)(i) This paragraph (b)(7) describes the procedure for determining compliance of a new vehicle with evaporative emission standards. The procedure described here shall be used for all vehicles in applicable model years.

(ii) The manufacturer shall determine, based on testing described in § 86.001-21(b)(4)(i)(A), and supply an evaporative emission deterioration factor for each evaporative/refueling emission family-emission control system combination. The factor shall be calculated by subtracting the emission level at the selected test point from the emission level at the useful life point.

(iii) The official evaporative emission test results for each evaporative/refueling emission-data vehicle at the selected test point shall be adjusted by the addition of the appropriate deterioration factor. However, if the deterioration factor supplied by the manufacturer is less than zero, it shall be zero for the purposes of this paragraph (b)(7)(iii).

(iv) The evaporative emission value for each emission-data vehicle to compare with the standards shall be the adjusted emission value of paragraph (b)(7)(iii) of this section rounded to two significant figures in accordance with the Rounding-Off Method specified in ASTM E29-90, Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications (incorporated by reference; see § 86.1).