

days before the report is submitted to the Administrator.

[47 FR 34986, Aug. 12, 1982, as amended at 75 FR 25728, May 7, 2010]

§ 537.6 General content of reports.

(a) *Pre-model year and mid-model year reports.* Except as provided in paragraph (c) of this section, each pre-model year report and the mid-model year report for each model year must contain the information required by § 537.7(a).

(b) *Supplementary report.* Each supplementary report must contain the information required by § 537.8(b) (1), (2), or (3), as appropriate.

(c) *Exceptions.* The pre-model year report and the mid-model year report submitted by an incomplete automobile manufacturer for any model year are not required to contain the information specified in § 537.7 (c)(4) (xv) through (xviii) and (c)(5). The information provided by the incomplete automobile manufacturer under § 537.7(c) shall be according to base level instead of model type or carline.

[47 FR 34986, Aug. 12, 1982, as amended at 75 FR 25728, May 7, 2010]

§ 537.7 Pre-model year and mid-model year reports.

(a)(1) Provide the information required by paragraphs (b) and (c) of this section for the manufacturer's passenger automobiles for the current model year.

(2) After providing the information required by paragraph (a)(1) of this section provide the information required by paragraphs (b) and (c) for this section of each class, as specified in part 533 of this chapter, of the manufacturer's light trucks for the current model year.

(b) *Projected average and required fuel economy.* (1) State the projected average fuel economy for the manufacturer's automobiles determined in accordance with § 537.9 and based upon the fuel economy values and projected sales figures provided under paragraph (c)(2) of this section.

(2) State the projected final average fuel economy that the manufacturer anticipates having if changes implemented during the model year will

cause that average to be different from the average fuel economy projected under paragraph (b)(1) of this section.

(3) State the projected required fuel economy for the manufacturer's passenger automobiles and light trucks determined in accordance with 49 CFR 531.5(c) and 49 CFR 533.5(h) and based upon the projected sales figures provided under paragraph (c)(2) of this section.

(4) State the projected final required fuel economy that the manufacturer anticipates having if changes implemented during the model year will cause the targets to be different from the target fuel economy projected under paragraph (b)(3) of this section.

(5) State whether the manufacturer believes that the projections it provides under paragraphs (b)(2) and (b)(4) of this section, or if it does not provide an average or target under those paragraphs, the projections it provides under paragraphs (b)(1) and (b)(3) of this section, sufficiently represent the manufacturer's average and target fuel economy for the current model year for purposes of the Act. In the case of a manufacturer that believes that the projections are not sufficiently representative for those purposes, state the specific nature of any reason for the insufficiency and the specific additional testing or derivation of fuel economy values by analytical methods believed by the manufacturer necessary to eliminate the insufficiency and any plans of the manufacturer to undertake that testing or derivation voluntarily and submit the resulting data to the Environmental Protection Agency under 40 CFR 600.509.

(c) *Model type and configuration fuel economy and technical information.* (1) For each model type of the manufacturer's automobiles, provide the information specified in paragraph (c)(2) of this section in tabular form. List the model types in order of increasing average inertia weight from top to bottom down the left side of the table and list the information categories in the order specified in paragraph (c)(2) of this section from left to right across the top of the table.

(2)(i) Combined fuel economy; and

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(ii) Projected sales for the current model year and total sales of all model types.

(3) (*Pre-model year report only.*) For each vehicle configuration whose fuel economy was used to calculate the fuel economy values for a model type under paragraph (c)(2) of this section, provide the information specified in paragraph (c)(4) of this section either in tabular form or as a fixed format computer tape. If a tabular form is used then list the vehicle configurations, by model type in the order listed under paragraph (c)(2) of this section, from top to bottom down the left of the table and list the information categories across the top of the table from left to right in the order specified in paragraph (c)(4) of this section. Other formats (such as copies of EPA reports) which contain all the required information in a readily identifiable form are also acceptable. If a computer tape is used, any NHTSA approved fixed format structure may be used, but each vehicle configuration record should identify the manufacturer, model type, and for light trucks the drive wheel code, e.g., 2 or 4 wheel drive. At least the information categories specified here and in paragraph (c)(4) of this section must be provided, but if preferred the tape may contain any additional categories. Each computer tape record must contain all the required categories of information to enable direct reading and interpretation in the fixed format that was approved. There should be no titles, column headings, page numbers, or attachment numbers on the tape. It must be possible to directly calculate and produce the tables specified in paragraph (c)(1) of this section from the records on this tape.

- (4)(i) Loaded vehicle weight;
- (ii) Equivalent test weight;
- (iii) Engine displacement, liters;
- (iv) SAE net rated power, kilowatts;
- (v) SAE net horsepower;
- (vi) Engine code;
- (vii) Fuel system (number of carburetor barrels or, if fuel injection is used, so indicate);
- (viii) Emission control system;
- (ix) Transmission class;
- (x) Number of forward speeds;
- (xi) Existence of overdrive (indicate yes or no);

- (xii) Total drive ratio (N/V);
- (xiii) Axle ratio;
- (xiv) Combined fuel economy;
- (xv) Projected sales for the current model year;
- (xvi)(A) In the case of passenger automobiles:
 - (1) Interior volume index, determined in accordance with subpart D of 40 CFR part 600,
 - (2) Body style,
 - (3) Beginning model year 2010, base tire as defined in 49 CFR 523.2,
 - (4) Beginning model year 2010, front axle, rear axle and average track width as defined in 49 CFR 523.2,
 - (5) Beginning model year 2010, wheel-base as defined in 49 CFR 523.2, and
 - (6) Beginning model year 2010, footprint as defined in 49 CFR 523.2.
- (B) In the case of light trucks:
 - (1) Passenger-carrying volume,
 - (2) Cargo-carrying volume,
 - (3) Beginning model year 2008, base tire as defined in 49 CFR 523.2,
 - (4) Beginning model year 2010, front axle, rear axle and average track width as defined in 49 CFR 523.2,
 - (5) Beginning model year 2008, wheel-base as defined in 49 CFR 523.2, and
 - (6) Beginning model year 2008, footprint as defined in 49 CFR 523.2.
- (xvii) Performance of the function described in § 523.5(a)(5) of this chapter (indicate yes or no);
- (xviii) Existence of temporary living quarters (indicate yes or no);
- (xix) Frontal area;
- (xx) Road load power at 50 miles per hour, if determined by the manufacturer for purposes other than compliance with this part to differ from the road load setting prescribed in 40 CFR 86.177–11(d);
- (xxi) Optional equipment that the manufacturer is required under 40 CFR parts 86 and 600 to have actually installed on the vehicle configuration, or the weight of which must be included in the curb weight computation for the vehicle configuration, for fuel economy testing purposes.
 - (5) For each model type of automobile which is classified as an automobile capable of off-highway operation under part 523 of this chapter, provide the following data:
 - (i) Approach angle;
 - (ii) Departure angle;

- (iii) Breakover angle;
- (iv) Axle clearance;
- (v) Minimum running clearance; and
- (vi) Existence of 4-wheel drive (indicate yes or no).

(6) The fuel economy values provided under paragraphs (c) (2) and (4) of this section shall be determined in accordance with § 537.9.

[47 FR 34986, Aug. 12, 1982, as amended at 58 FR 18029, Apr. 7, 1993; 71 FR 17678, Apr. 6, 2006; 74 FR 14456, Mar. 30, 2009; 75 FR 25728, May 7, 2010]

§ 537.8 Supplementary reports.

(a)(1) Except as provided in paragraph (d) of this section, each manufacturer whose most recently submitted semiannual report contained an average fuel economy projection under § 537.7(b)(2) or, if no average fuel economy was projected under that section, under § 537.7(b)(1), that was not less than the applicable average fuel economy standard and who now projects an average fuel economy which is less than the applicable standard shall file a supplementary report containing the information specified in paragraph (b)(1) of this section.

(2) Except as provided in paragraph (d) of this section, each manufacturer that determines that its average fuel economy for the current model year as projected under § 537.7(b)(2) or, if no average fuel economy was projected under that section, as projected under § 537.7(b)(1), is less representative than the manufacturer previously reported it to be under § 537.7(b)(3), this section, or both, shall file a supplementary report containing the information specified in paragraph (b)(2) of this section.

(3) Each manufacturer whose pre-model year report omits any of the information specified in § 537.7 (b), (c) (1) and (2), or (c)(4) (xvi) and (xxiv) shall file supplementary report containing the information specified in paragraph (b)(3) of this section.

(b)(1) The supplementary report required by paragraph (a)(1) of this section must contain:

(i) Such revisions of and additions to the information previously submitted by the manufacturer under this part regarding the automobiles whose projected average fuel economy has de-

creased as specified in paragraph (a)(1) of this section as are necessary—

(A) To reflect the decrease and its cause;

(B) To indicate a new projected average fuel economy based upon these additional measures.

(ii) An explanation of the cause of the decrease in average fuel economy that led to the manufacturer's having to submit the supplementary report required by paragraph (a)(1) of this section.

(2) The supplementary report required by paragraph (a)(2) of this section must contain:

(i) A statement of the specific nature of and reason for the insufficiency in the representativeness of the projected average fuel economy;

(ii) A statement of specific additional testing or derivation of fuel economy values by analytical methods believed by the manufacturer necessary to eliminate the insufficiency; and

(iii) A description of any plans of the manufacturer to undertake that testing or derivation voluntarily and submit the resulting data to the Environmental Protection Agency under 40 CFR 600.509.

(3) The supplementary report required by paragraph (a)(3) of this section must contain:

(i) All of the information omitted from the pre-model year report under § 537.6(c)(2); and

(ii) Such revisions of and additions to the information submitted by the manufacturer in its pre-model year report regarding the automobiles produced during the current model year as are necessary to reflect the information provided under paragraph (b)(3)(i) of this section.

(c)(1) Each report required by paragraph (a)(1), (2), or (3) of this section must be submitted in accordance with § 537.5(c) not more than 45 days after the date on which the manufacturer determined, or could have determined with reasonable diligence, that a report is required under paragraph (a)(1), (2), or (3) of this section.

(2) [Reserved]

(d) A supplementary report is not required to be submitted by the manufacturer under paragraph (a) (1) or (2) of this section: