

APPENDIX F

PROPOSED CHANGES TO EXHAUST TEST PROCEDURES

California Environmental Protection Agency
AIR RESOURCES BOARD

**CALIFORNIA EXHAUST EMISSION STANDARDS TEST PROCEDURES
FOR 2001 AND SUBSEQUENT MODEL
PASSENGER CARS, LIGHT-DUTY TRUCKS, AND MEDIUM-DUTY VEHICLES**

Adopted: August 5, 1999
Amended: December 27, 2000
Amended: July 30, 2002
Amended: September 5, 2002 (corrected February 20, 2004)
Amended: May 28, 2004
Amended: August 4, 2005
Amended: [Insert date of amendment]

Note: The proposed amendments are shown in underlined text to indicate additions to the existing text, and in ~~strikeouts~~ to indicate deletions, compared to the test procedures as last amended August 4, 2005. Existing intervening text that is not amended is indicated by a row of asterisks (* * * *).

**CALIFORNIA EXHAUST EMISSION STANDARDS AND TEST PROCEDURES
FOR 2001 AND SUBSEQUENT MODEL
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

The provisions of Subparts B, C, and S, Part 86, Title 40, Code of Federal Regulations, as adopted or amended on May 4, 1999 or as last amended on such other date set forth next to the 40 CFR Part 86 section title listed below, and to the extent they pertain to exhaust emission standards and test procedures, are hereby adopted as the "California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles," with the following exceptions and additions.

**PART I: GENERAL PROVISIONS FOR CERTIFICATION AND IN-USE
VERIFICATION OF EMISSIONS**

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C. General Requirements for Certification

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3. §86.1807 Vehicle Labeling.

3.1 §86.1807-01. ~~October 6, 2000~~December 8, 2005. Amend as follows:

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3.1.8. Subparagraph (g): Add the following: The manufacturer shall obtain approval from the Executive Officer for all emission control label formats and locations prior to use. ~~Approval of the specific tune-up settings is not required; however, the format for all such settings and tolerances, if any, is subject to review.~~ If the Executive Officer finds that the information on the label is vague or subject to misinterpretation, or that the location does not comply with these specifications, ~~he or she~~the Executive Officer may require that the label or its location be modified accordingly. Samples of all actual production emission control labels used within a test group shall be submitted to the Executive Officer within thirty days after the start of production. The Executive Officer may approve alternate label locations or may, upon request, waive or modify the label content requirements provided that the intent of these requirements is met. If the Executive Officer finds any motor vehicle or motor vehicle engine manufacturer using emission control labels which are different from those approved or which do not substantially comply with the readability or durability requirements set forth in these labeling requirements, the Executive Officer may invoke §2109, title 13, CCR.

3.2 §86.1807-07. January 18, 2001. [No change, except that the amendments to §86.1807-01, 70 FR 72917 (December 8, 2005), still apply.]

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D. §86.1810 General standards; increase in emissions; unsafe conditions; waivers

1. §86.1810-01. ~~April 13, 2004~~December 8, 2005. Amend §86.1810-01 as follows:

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G. Procedures for Demonstration of Compliance with Emission Standards

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3. §86.1829 Durability data and emission data testing requirements; waivers.

3.1 §86.1829-01. ~~July 12, 2004~~December 8, 2005. Amend as follows:

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I. In-Use Compliance Requirements and Procedures

1. §86.1845 Manufacturer in-use verification testing requirements.

1.1 §86.1845-01. ~~October 6, 2000~~December 8, 2005. Amend as follows:

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1.2 §86.1845-04. ~~July 12, 2004~~December 8, 2005. Amend as follows:

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PART II: CALIFORNIA EXHAUST AND PARTICULATE EMISSION TEST PROCEDURES FOR PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

This part describes the equipment required and the procedures necessary to perform gaseous and particulate exhaust emission tests (40 CFR Part 86, Subpart B); cold temperature test procedures (40 CFR Part 86, Subpart C); the California 50°F test procedure; the development of reactivity adjustment factors; and the supplemental federal test procedure (40 CFR Part 86, Subpart B) on passenger cars, light-duty trucks and medium-duty vehicles.

A. 40 CFR Part 86, Subpart B – Emission Regulations for 1977 and Later Model Year New Light-Duty Vehicles and New Light-Duty Trucks; Test Procedures.

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100.4 Calibrations methods and frequency.

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86.117-96 Evaporative emission enclosure calibrations. ~~August 23, 1995~~December 8, 2005.

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100.5 Test Procedures and Data Requirements.

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100.5.3 California Vehicle Preconditioning Requirements.

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86.134-96 Running loss test. ~~August 23, 1995~~December 8, 2005.

86.135-00 Dynamometer procedure. October 22, 1996. [No change, except that the amendments to §86.135-90, 70 FR 72917 (December 8, 2005), shall apply.]

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100.5.4 Calculations; exhaust emissions.

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86.159-00 Exhaust emission test procedures for US06 emissions. ~~October 22, 1996~~December 8, 2005.

86.160-00 Exhaust emission test procedure for SC03 emissions. ~~October 22, 1996~~December 8, 2005.

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