

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER K: EMISSION STANDARDS AND LIMITATIONS FOR MOBILE
SOURCES

PART 240

MOBILE SOURCES

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240.Appendix A	Rule into Section Table
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240.Table A	Vehicle Exhaust Emission Start-Up Standards
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AUTHORITY: Implementing Sections 9, 10 and 13 and authorized by Sections 27 and 28.5 of the Environmental Protection Act [415 ILCS 5/9, 10, 13, 27, and 28.5] and Section 13B-20 of the Vehicle Emissions Inspection Law of 1995 [625 ILCS 5/13B-20]; implementing Section 13-109.2 of the Illinois Vehicle Code [625 ILCS 5/13-109.2].

SOURCE: Adopted as Chapter 2: Air Pollution, Part VII: Mobile Sources, filed and effective April 14, 1972; codified at 7 Ill. Reg. 13628; amended in R85-25, at 10 Ill. Reg. 11277, effective June 16, 1986; amended in R90-20 at 16 Ill. Reg. 6184, effective April 7, 1992; amended in R94-20 at 18 Ill. Reg. 18013, effective December 12, 1994; amended in R94-19 at 18 Ill. Reg. 18228, effective December 20, 1994; amended in R98-24 at 22 Ill. Reg. 13723,

effective July 13, 1998; expedited correction at 22 Ill. Reg. 21120, effective July 13, 1998; amended in R01-12 at 24 Ill. Reg. 19188, effective December 18, 2000; amended in R01-8 at 25 Ill. Reg. 3680, effective February 26, 2001; amended in R02-8 at 25 Ill. Reg. _____, effective _____.

BOARD NOTE: This part implements the Environmental Protection Act as of July 1, 1994.

NOTE: Capitalization denotes statutory language.

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section 240.191 Applicability

The standards of this Subpart apply to all 1996 and newer model year light duty vehicles, light duty trucks 1, and light duty trucks 2 that are required to meet the standards contained in 40 CFR § 86.094-17 and which are inspected utilizing the on-board diagnostic test procedures contained in 35 Ill. Adm. Code 276.209. Vehicles that receive a result of fail do not thereby fail their emissions test until January 1, 2002. However, this date shall be extended to January 1, 2003, if the Agency petitions the USEPA for such an extension, and the request for an extension is approved by the USEPA pursuant to 40 CFR § 51.357(a)(12).

(Source: Amended at 25 Ill. Reg. _____, effective _____)

Section 240.192 On-Board Diagnostic Test Standards

Vehicles subject to on-board diagnostic testing shall fail the on-board diagnostic test if one of the following occurs:

- a) the vehicle connector is missing, has been tampered with, or is otherwise inoperable; or
- b) the malfunction indicator light is commanded to be illuminated and it is not visually illuminated according to visual inspection; or
- c) the malfunction indicator light is commanded to be illuminated for ~~and any of the following~~ on-board diagnostic trouble codes are present ~~(where x refers to any digit); or~~
 - 1) ~~Any PX1XX Fuel and Air Metering codes~~
 - 2) ~~Any PX2XX Fuel and Air Metering codes~~
 - 3) ~~Any PX3XX Ignition System or Misfire codes~~
 - 4) ~~Any PX4XX Auxiliary Emission Controls codes~~

- 5) — ~~P0500 Vehicle Speed Sensor Malfunction~~
- 6) — ~~P0501 Vehicle Speed Sensor Range/Malfunction~~
- 7) — ~~P0502 Vehicle Speed Sensor Circuit Low Input~~
- 8) — ~~P0503 Vehicle Speed Sensor Intermittent/Erratic/High~~
- 9) — ~~P0505 Idle Control System Malfunction~~
- 10) — ~~P0506 Idle Control System RPM Lower Than Expected~~
- 11) — ~~P0507 Idle Control System RPM Higher Than Expected~~
- 12) — ~~P0510 Closed Throttle Position Switch Malfunction~~
- 13) — ~~P0550 Power Steering Pressure Sensor Circuit Malfunction~~
- 14) — ~~P0551 Power Steering Pressure Sensor Circuit Malfunction~~
- 15) — ~~P0552 Power Steering Pressure Sensor Circuit Low Input~~
- 16) — ~~P0553 Power Steering Pressure Sensor Circuit Intermittent~~
- 17) — ~~P0554 Power Steering Pressure Sensor Circuit Intermittent~~
- 18) — ~~P0560 System Voltage Malfunction~~
- 19) — ~~P0561 System Voltage Unstable~~
- 20) — ~~P0562 System Voltage Low~~
- 21) — ~~P0563 System Voltage High~~
- 22) — ~~Any PX6XX Computer and Output Circuits Codes~~
- 23) — ~~P0703 Brake Switch Input~~
- 24) — ~~P0705 Transmission Range Sensor Circuit Malfunction (PRNDL Input)~~
- 25) — ~~P0706 Transmission Range Sensor Circuit Range/Performance~~
- 26) — ~~P0707 Transmission Range Sensor Circuit Low Input~~
- 27) — ~~P0708 Transmission Range Sensor Circuit High Input~~

- 28) — ~~P0709 Transmission Range Sensor Circuit Intermittent~~
- 29) — ~~P0719 Torque Converter/Brake Switch “B” Circuit Low~~
- 30) — ~~P0720 Output Speed Sensor Circuit Malfunction~~
- 31) — ~~P0721 Output Speed Sensor Circuit Range/Performance~~
- 32) — ~~P0722 Output Speed Sensor Circuit No Signal~~
- 33) — ~~P0723 Output Speed Sensor Circuit Intermittent~~
- 34) — ~~P0724 Torque Converter/Brake Switch “B” Circuit High~~
- 35) — ~~P0725 Engine Speed Input Circuit Malfunction~~
- 36) — ~~P0726 Engine Speed Input Circuit Range/Performance~~
- 37) — ~~P0727 Engine Speed Input Circuit No Signal~~
- 38) — ~~P0728 Engine Speed Input Circuit Intermittent~~
- 39) — ~~P0740 Torque Converter Clutch System Malfunction~~
- 40) — ~~P0741 Torque Converter System Performance or Stuck Off~~
- 41) — ~~P0742 Torque Converter System Stuck On~~
- 42) — ~~P0743 Torque Converter System Electrical~~
- 43) — ~~P0744 Torque Converter System Intermittent~~

d) the malfunction indicator light (MIL) does not illuminate at all when the vehicle is in the key-on/engine-off condition.

(Source: Amended at 25 Ill. Reg. _____, effective _____)

Section 240.193 Compliance Determination

Compliance shall be determined based upon the inspection of the on-board diagnostic vehicle connector, malfunction indicator light, and electronic retrieval of data stored in the vehicle’s on-board diagnostic system fault codes using the on-board diagnostic test procedures ~~that will be~~ adopted by the Agency in 35 Ill. Adm. Code 276.

(Source: Amended at 25 Ill. Reg. _____, effective _____)