

1 AN ACT regarding vehicles.

2 Be it enacted by the People of the State of Illinois,
3 represented in the General Assembly:

4 Section 5. The Illinois Vehicle Code is amended by
5 changing Sections 13A-115 and 13B-25 as follows:

6 (625 ILCS 5/13A-115) (from Ch. 95 1/2, par. 13A-115)
7 Sec. 13A-115. Effectiveness. This Chapter 13A is
8 repealed on January 1, 2003 ~~shall cease to be effective when~~
9 ~~the continuation of the program has been implemented under~~
10 ~~Chapter 13B.~~

11 (Source: P.A. 86-1433; 88-533.)

12 (625 ILCS 5/13B-25)
13 Sec. 13B-25. Performance of inspections.

14 (a) The inspection of vehicles required under this
15 Chapter shall be performed only: (i) by inspectors who have
16 been certified by the Agency after successfully completing a
17 course of training and successfully passing a written test;
18 (ii) at official inspection stations or official on-road
19 inspection sites established under this Chapter; and (iii)
20 with equipment that has been approved by the Agency for these
21 inspections.

22 (b) Except as provided in subsections (c) and (d), the
23 inspection shall consist of (i) a loaded mode exhaust gas
24 analysis; (ii) an evaporative system integrity test; (iii) an
25 on-board computer diagnostic system check; and (iv) a
26 verification that all required emission-related recall
27 repairs have been made under Title 40, Section 51.370 of the
28 Code of Federal Regulations; and and may also include an
29 evaporative system purge test. The owner of the vehicle or
30 the owner's agent shall be entitled to an emission inspection

1 certificate issued by an inspector only if all required tests
2 are passed at the time of the inspection.

3 (c) A steady-state idle exhaust gas analysis may be
4 substituted for the loaded mode exhaust gas analysis and the
5 evaporative purge system test in the following cases:

6 (1) On any vehicle of model year 1980 or older.

7 (2) On any heavy duty vehicle with a manufacturer
8 gross vehicle weight rating in excess of 8,500 pounds.

9 (3) On any vehicle for which loaded mode testing is
10 not possible due to vehicle design or configuration.

11 (d) The procedures contained in subsections (d)(1) and
12 (d)(2) of this Section shall be followed on model year 1996
13 and newer vehicles equipped with OBD on-board computer
14 diagnostic equipment, as required.

15 (1) Beginning on July 1, 2002, and continuing
16 through December 31, 2003, such vehicles shall be given a
17 complete on-board diagnostic test consistent with the
18 requirements of paragraphs (d)(1)(A) through (d)(1)(D) of
19 this Section.

20 (A) If the vehicle meets the standards set for
21 the complete on-board computer diagnostic test,
22 neither the loaded mode exhaust gas analysis nor the
23 idle exhaust gas analysis shall be performed;
24 however, all other elements of the test contained in
25 subsection (b) of this Section shall be performed.

26 (B) If, however, the vehicle fails to meet the
27 standard for the complete on-board computer
28 diagnostic test, it shall be given the loaded mode
29 exhaust gas analysis or the idle exhaust gas
30 analysis, as required, and all other elements of the
31 test contained in subsection (b) of this Section,
32 unless the owner of the vehicle chooses to avoid the
33 loaded mode exhaust gas analysis or idle exhaust gas
34 analysis and proceed directly under paragraph

1 (d)(1)(C) of this Section. For those vehicles that
2 fail to meet the standard for the complete on-board
3 computer diagnostic test, the owner of the vehicle
4 must be informed that he or she has the option to
5 have the vehicle tested using the less stringent
6 loaded mode exhaust gas analysis or the idle exhaust
7 gas analysis, as appropriate, for one test cycle.

8 (C) If the vehicle fails to meet the standard
9 for the complete on-board computer diagnostic test
10 and the standard for the loaded mode exhaust gas
11 analysis or the idle exhaust gas analysis, as
12 required, or the owner of the vehicle has chosen to
13 avoid the loaded mode exhaust gas analysis or idle
14 exhaust gas analysis and proceed directly under this
15 paragraph, the vehicle must be repaired to pass
16 either the complete on-board computer diagnostic
17 test or the loaded mode exhaust gas analysis or idle
18 exhaust gas analysis, as required, and all other
19 elements of the test contained in subsection (b) of
20 this Section.

21 (D) The on-board computer diagnostic test
22 shall not be a required element of the inspection
23 mandated by this Section for such vehicles for which
24 on-board computer diagnostic testing is not possible
25 due to the vehicle's originally certified design or
26 its design as modified in accordance with federal
27 law and regulations, or for vehicles with known
28 on-board diagnostic communications or software
29 problems, as determined by the Agency. In such
30 cases, all other elements of the inspection required
31 under this Section shall be performed on such
32 vehicles, including the exhaust gas analysis as
33 specified in subsection (b) of this Section.

34 By April 15, 2003, the Agency shall submit to the

1 General Assembly a report detailing the effectiveness of
 2 the use of the on-board computer diagnostic test. The
 3 report shall include the number of failures, the reason
 4 for each failure, the number of vehicle damage
 5 complaints, and the average wait time at the test
 6 stations.

7 (2) Beginning on January 1, 2004, such vehicles
 8 shall be given a complete on-board diagnostic test
 9 consistent with the requirements of paragraphs (d)(2)(A)
 10 and (d)(2)(B) of this Section.

11 (A) The loaded mode exhaust gas analysis
 12 specified in subsection (b) of this Section shall
 13 not be performed on such vehicles for which the
 14 on-board computer diagnostic test specified in
 15 subsection (h) of this Section can be performed.
 16 All other elements of the inspection required for
 17 such vehicles shall be performed in accordance with
 18 the provisions of this Section.

19 (B) The on-board computer diagnostic test
 20 shall not be a required element of the inspection
 21 mandated by this Section for such vehicles for which
 22 on-board computer diagnostic testing is not possible
 23 due to the vehicle's originally certified design or
 24 its design as modified in accordance with federal
 25 law and regulations, or for vehicles with known
 26 on-board diagnostic communications or software
 27 problems, as determined by the Agency. In such
 28 cases, all other elements of the inspection required
 29 under this Section shall be performed on such
 30 vehicles, including the exhaust gas analysis as
 31 specified in subsection (b) of this Section.

32 ~~A--steady-state-idle-gas-analysis-may-also-be-substituted-for~~
 33 ~~the-new-procedures-specified-in-subsection-(b)-in-inspections~~
 34 ~~conducted-in-calendar-year-1995-on-any-vehicle-of-model--year~~

1 ~~1990-or-older.~~

2 (e) The exhaust gas analysis shall consist of a test of
3 an exhaust gas sample to determine whether the quantities of
4 exhaust gas pollutants emitted by the vehicle meet the
5 standards set for vehicles of that type under Section 13B-20.
6 A vehicle shall be deemed to have passed this portion of the
7 inspection if the evaluation of the exhaust gas sample
8 indicates that the quantities of exhaust gas pollutants
9 emitted by the vehicle do not exceed the standards set for
10 vehicles of that type under Section 13B-20 or an inspector
11 certifies that the vehicle qualifies for a waiver of the
12 exhaust gas pollutant standards under Section 13B-30.

13 (f) The evaporative system integrity test shall consist
14 of a procedure to determine if leaks exist in all or a
15 portion of the vehicle fuel evaporation emission control
16 system. A vehicle shall be deemed to have passed this test
17 if it meets the criteria that the Board may adopt for an
18 evaporative system integrity test.

19 (g) The evaporative system purge test shall consist of a
20 procedure to verify the purging of vapors stored in the
21 evaporative canister. A vehicle shall be deemed to have
22 passed this test if it meets the criteria that the Board may
23 adopt for an evaporative system purge test.

24 (h) The on-board computer diagnostic test shall consist
25 of accessing the vehicle's on-board computer system, if so
26 equipped, and reading any stored diagnostic codes that may be
27 present. The vehicle shall be deemed to have passed this
28 test if the codes observed did not exceed standards set for
29 vehicles of that type under Section 13B-20.

30 (Source: P.A. 90-475, eff. 8-17-97.)

31 Section 99. Effective date. This Act takes effect upon
32 becoming law.