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(12) SAE J1939–21, Data Link Layer, Revised April 2001, IBR approved for § 86.1806–05(h).

(13) SAE J1939–31, Network Layer, Revised December 1997, IBR approved for § 86.1806–05(h).

(14) SAE J1939–71, Vehicle Application Layer (Through February 2007), Revised January 2008, IBR approved for §§ 86.010–(38) and 86.1806–05(h).

(15) SAE J1939–73, Application Layer—Diagnostics, Revised September 2006, IBR approved for §§ 86.010–18(k), 86.010–38(k), and 86.1806–05(h).

(16) SAE J1939–81, Network Management, Revised May 2003, IBR approved for §§ 86.010–38 and 86.1806–05(h).

(17) SAE J1962, Diagnostic Connector Equivalent to ISO/DIS 15031–3; December 2001, Revised April 2002, IBR approved for §§ 86.010–18(k) and 86.1806–05(h).

(18) SAE J1978, OBD II Scan Tool—Equivalent to ISO/DIS 15031–4; December 2001, Revised April 2002, IBR approved for §§ 86.010–18(k) and 86.1806–05(h).

(19) SAE J1979, E/E Diagnostic Test Modes, Revised September 1997, IBR approved for §§ 86.1808–01(f) and 86.1808–07(f).

(20) SAE J1979, (R) E/E Diagnostic Test Modes, Revised May 2007, IBR approved for §§ 86.010–18(k) and 86.1806–05(h).

(21) SAE J2012, (R) Diagnostic Trouble Code Definitions Equivalent to ISO/DIS 15031–6; April 30, 2002, Revised April 2002, IBR approved for §§ 86.010–18(k) and 86.1806–05(h).

(22) SAE J2064 FEB2011, R134a Refrigerant Automotive Air-Conditioned Hose, Revised February 2011, IBR approved for § 86.1807–12(a) and (b).

(23) SAE J2263–3, High Speed CAN (HSC) for Vehicle Applications at 500 Kbps, May 2001, IBR approved for §§ 86.1808–01(f) and 86.1808–07(f).

(24) SAE J2403, Medium/Heavy-Duty E/E Systems Diagnosis Nomenclature—Truck and Bus, Revised August 2007, IBR approved for §§ 86.010–18(k, 86.010–38(j), and 86.1806–05(h).

(25) SAE J2354, Recommended Practice for Pass-Thru Vehicle Programming, February 2002, IBR approved for §§ 86.1808–01(f) and 86.1808–07(f).

(26) SAE J2727 FEB2012, Mobile Air Conditioning System Refrigerant Emission Charts for R–134a and R–1234yf, Revised February 2012, IBR approved for § 86.1867–12(a) and (b).


SOURCE: 42 FR 32907, June 28, 1977, unless otherwise noted.

§ 86.000–2 Definitions.

The definitions of § 86.098–2 continue to apply to 1998 and later model year vehicles. The definitions listed in this section apply beginning with the 2000 model year.

AC1 means a test procedure as described in § 86.162–00 which simulates testing with air conditioning operating in an environmental test cell by adding the air conditioning compressor load to the normal dynamometer forces.

AC2 means a test procedure as described in § 86.162–00 which simulates testing with air conditioning operating in an environmental test cell by adding
a heat load to the passenger compartment.

Alternative fuels means any fuel other than gasoline and diesel fuels, such as methanol, ethanol, and gaseous fuels.

866 Cycle means the test cycle that consists of the last 866 seconds (seconds 505 to 1372) of the EPA Urban Dynamometer Driving Schedule, described in §86.115–00 and listed in appendix I, paragraph (a), of this part.

Environmental test cell means a test cell capable of wind-speed, solar thermal load, ambient temperature, and humidity control or simulation which meets the requirements of §86.161–00 for running emission tests with the air conditioning operating.

Federal Test Procedure, or FTP means the test procedure as described in §86.130–00 (a) through (d) and (f) which is designed to measure urban driving tail pipe exhaust emissions and evaporative emissions over the Urban Dynamometer Driving Schedule as described in appendix I to this part.

505 Cycle means the test cycle that consists of the first 505 seconds (seconds 1 to 505) of the EPA Urban Dynamometer Driving Schedule, described in §86.115–00 and listed in appendix I, paragraph (a), of this part.

SC03 means the test cycle, described in §86.160–00 and listed in appendix I, paragraph (h), of this part, which is designed to represent driving immediately following startup.

Supplemental FTP, or SFTP means the additional test procedures designed to measure emissions during aggressive and microtransient driving, as described in §86.159–00 over the US06 cycle, and also the test procedure designed to measure urban driving emissions while the vehicle’s air conditioning system is operating, as described in §86.160–00 over the SC03 cycle.

US06 means the test cycle, described in §86.159–00 and listed in appendix I, paragraph (g), of this part, which is designed to evaluate emissions during aggressive and microtransient driving.

[61 FR 54878, Oct. 22, 1996]

§ 86.000–24 Test vehicles and engines.

(a) [Reserved.

(b) introductory text [Reserved]

(b)(1)(i) Vehicles are chosen to be operated and tested for emission data based upon engine family groupings. Within each engine family, one test vehicle is selected. If air conditioning is projected to be available on any vehicles within the engine family, the Administrator will limit selections to engine codes which have air conditioning available and will require that any vehicle selected under this section has air conditioning installed and operational.