

Environmental Protection Agency

§ 86.415–78

(iii) Engine displacement (in cubic centimeters or liters) and engine family identification;

(iv) Engine tuneup specifications and adjustments, as recommended by the manufacturer, including, if applicable: idle speed, ignition timing, and the idle air-fuel mixture setting procedure and value (*e.g.*, idle CO, idle air-fuel ratio, idle speed drop). These specifications shall indicate the proper transmission position during tuneup, and which accessories should be in operation and which systems should be disconnected during a tuneup;

(v) Any specific fuel or engine lubricant requirements (*e.g.*, lead content, research octane number, engine lubricant type);

(vi) Identification of the exhaust emission control system, using abbreviations in accordance with SAE J1930, June 1993, including the following abbreviations for items commonly appearing on motorcycles:

OC Oxidation catalyst;
TWC Three-way catalyst;
AIR Secondary air injection (pump);
PAIR Pulsed secondary air injection;
DFI Direct fuel injection;
O2S Oxygen sensor;
HO2S Heated oxygen sensor;
EM Engine modification;
CFI Continuous fuel injection;
MFI Multi-port (electronic) fuel injection;
and
TBI Throttle body (electronic) fuel injection.

(viii) An unconditional statement of conformity to U.S. EPA regulations which includes the model year; for example, “This Vehicle Conforms to U.S. EPA Regulations Applicable to ___ Model Year New Motorcycles” (the blank is to be filled in with the appropriate model year). For all Class III motorcycles and for Class I and Class II motorcycles demonstrating compliance with the averaging provisions in 40 CFR 86.449 the statement must also include the phrase “is certified to an HC+NO_x emission standard of ___ grams/kilometer” (the blank is to be filled in with the Family Emission Limit determined by the manufacturer).

(b) The provisions of this section shall not prevent a manufacturer from also reciting on the label that such vehicle conforms to any other applicable Federal or State standards for new mo-

torcycles or any other information that such manufacturer deems necessary for, or useful to, the proper operation and satisfactory maintenance of the vehicle.

[70 FR 40434, July 13, 2005]

§ 86.414–78 Submission of vehicle identification number.

(a) Upon request by the Administrator, the manufacturer of any motorcycle covered by a certificate of conformity shall, within 30 days, identify by vehicle identification number, the vehicle(s) covered by the certificate of conformity.

(b) The manufacturer of any motorcycle covered by a certificate of conformity shall furnish to the Administrator, at the beginning of each model year, any vehicle identification number coding system which identifies whether such vehicle(s) are covered by a certificate of conformity.

§ 86.415–78 Production vehicles.

(a) Any manufacturer obtaining certification shall supply to the Administrator, upon his request, a reasonable number of production vehicles selected by the Administrator which are representative of the engines, emission control systems, fuel systems, and transmissions offered and typical of production models available for sale under the certificate. These vehicles shall be supplied for testing at such time and place and for such reasonable periods as the Administrator may require.

(b) Any manufacturer obtaining certification shall notify the Administrator, on a yearly basis, of the number of vehicles of each engine family—engine displacement—emission control system—fuel system—transmission type—inertial mass category combination produced for sale in the United States during the preceding year.

(c) All motorcycles covered by a certificate of conformity shall prior to delivery to the ultimate purchaser be adjusted, by the manufacturer or his agent, to the ignition timing specification detailed in § 86.413.

[42 FR 1126, Jan. 5, 1977, as amended at 49 FR 48138, Dec. 10, 1984]