

Federal Noise Emissions Requirements for Motorcycles

Noise requirements for motorcycles at the time of sale (40 C.F.R. § 205.166):

- Street motorcycles manufactured in 1986 or later may not exceed 80dbA.
- Dirt bikes manufactured in 1986 or later with an engine displacement greater than 170cc may not exceed 82dbA.

Exhaust systems and components designed for motorcycles that meet the requirements to be sold for street use in the U.S. must be designed and manufactured to ensure the motorcycle does not exceed federal noise limits if the exhaust system is properly installed and maintained.

Label required on motorcycles (40 C.F.R. § 205.158):

(5) The label must contain the following information:

(i) The label heading: Motorcycle Noise Emission Control Information;

(ii) The statement:

This _____ (model year) _____ (model specific code) motorcycle, _____ (serial number), meets EPA noise emission requirements of _____ (noise emission standard) dBA at _____ (closing rpm) rpm by the Federal test procedure. Modifications which cause this motorcycle to exceed Federal noise standards are prohibited by Federal law. See owner's manual.

Labels required for motorcycle exhaust system (40 C.F.R. § 205.169):

(1) For exhaust systems subject to the noise emission standards of § 205.166:

(i) The label heading: Motorcycle Exhaust System Noise Emission Control Information;

(ii)(A) For original equipment and replacement exhaust system, the following statement:

This (manufacturer's name) exhaust system (serial number) meets EPA noise emission requirements of (noise emission standard) dBA for the following motorcycles: (list of model specific codes). Installation of this exhaust system on motorcycle models not specified may violate Federal law.

(B) For exhaust system components designed and marketed for motorcycles, and tested in accordance with § 205.168 as a constituent of a complete exhaust system comprising non-original equipment components (other than itself), as provided for in § 205.166(b)(3), the following statement:

This (manufacturer's name) (type of component) (serial number), when installed with a legal (type of component), meets EPA noise emission requirements of (noise emission standard) dBA for the following motorcycles: (list of model specific codes). Installation of this exhaust system components on motorcycle models not specified may violate Federal law.