

PASS BY NOISE

Federal, State/ Local and Canada Noise

Canada Motor Vehicle Safety Regulation (CMVSR) 1106 and various state, counties or municipalities prescribes maximum permissible noise levels of 80 dBA for light-duty vehicles CMVSR 1106 also prescribes an 83 dBA limit for heavy-duty vehicles with a GVWR between 6,001 and 10,000 pounds (2,721-4,536 kg) where such levels are measured in accordance with SAE Standard J986a (SAE J 1470 optional). "Sound Level for Passenger Cars and Light Trucks". Under the Canada Motor Vehicle Safety Regulations, a light-duty vehicle is a passenger car, or any other vehicle having a gross vehicle weight rating of 6,000 pounds (2,721 kg) or less, other than off-road utility vehicles. A heavy-duty vehicle is a bus, a chassis cab, a multipurpose passenger vehicle, or a truck having a gross vehicle weight rating of more than 6,000 pounds (2,721 kg), but not a passenger car. A pickup truck listed in Table A (ref: "Modifying Complete and Certified Vehicles — Safety Standards" Section.), if altered by the removal of the pickup box (including optional equipment attached to the pickup box) and rear bumper (if so equipped), is designed and built to conform to the applicable exterior noise emission limits of CMVSR 1106(2)(b), or various state/local pass-by noise limits. Vehicles having a gross vehicle weight rating of more than 10,000 pounds have a max permissible noise level of 80 dB(a) and are covered by the Federal EPA regulation 40 CFR Part 205.

The vehicle should continue to comply with these requirements if no alterations are made to the exhaust system during installation of the second body.