

Purpose: To ensure Honda general purpose engines comply with emission regulations in their installed configuration.

Model(s): All Honda Power Equipment gasoline-fueled engines

Important Note: The following service and installation instructions are intended for use by Original Equipment Manufacturers (OEMs) and qualified, professional technicians. Attempting engine installation and/or service without the proper training, tools, and equipment may cause injury to you or others. It could also damage the engine or create an unsafe condition. Make all necessary engine adjustments and repairs in accordance with the Honda shop manuals and service bulletins.

Failing to follow these instructions when installing a certified engine in nonroad equipment violates federal law (40 CFR 1068.105(b)), subject to fines or other penalties as described in the Clean Air Act. Installer must meet the requirements of § 1054.112 and 40 CFR part 1060.

Application Limitations

Complete Engines Should Remain Complete

- Modifying any part of the intake, carburetion, or exhaust systems may adversely affect exhaust emissions, resulting in fines or other penalties. Additionally, modifying the fuel system may adversely affect evaporative emissions, resulting in fines or other penalties.
- Do not remove the tamper-resistant limiter cap on the pilot screw as this component is part of the emission control system.
- It is a violation of the tampering provisions in 40 CFR 1068.101(b)(1) to remove a governor from a certified engine unless you recertify the engine in the modified configuration.

Instructions

Engine Operation

Proper application matching of the engine to the end product (OEM equipment) is very important. It is vital to Honda, the OEM, and the end user of the product that the characteristics and installation of the engine are appropriate for a particular application. If not, exhaust and/or evaporative emissions may increase beyond the certified values, resulting in emissions noncompliance. If you are an equipment manufacturer, an approved Honda Warranty Application must be completed prior to the first sale in order to confirm operating parameters affecting engine performance and emissions. A Honda Warranty Application is available from an authorized Honda Engine Distributor. Your designated distributor can be found at <http://www.honda-engines.com/dea.htm>.

High Altitude Operation

For continued high altitude engine use, the carburetor jetting must be changed to maintain an appropriate air/fuel ratio and exhaust emissions compliance. Please contact an authorized Honda engine dealer for the high altitude jetting specifications or access the appropriate Honda owner's manuals at www.honda-engines.com.

Fuel Line

As of January 1, 2009, the fuel lines installed by original equipment manufacturers are required to meet, in all 50 states, the US EPA evaporative emission permeation standard of 15g/m²/day. Engines without complete fuel systems have **not** been certified to the evaporative regulations. Original Equipment Manufacturers (OEMs) are responsible for compliance with the evaporative requirements for the fuel system components added to the engine or equipment. Additional information can be found at the following websites:

CARB – <http://www.arb.ca.gov/regact/sore03/sore03.htm>

EPA – <http://www.epa.gov/oms/equip-ld.htm>

Fuel Tank

Most Honda engines include a complete fuel system. If the engine doesn't contain a complete fuel system, the equipment manufacturer must certify evaporative emissions.

Muffler

Most Honda engines include a complete exhaust system that is matched to the engine in terms of emissions performance, exhaust back-pressure, silencing performance, durability, and installation rigidity. If your engine doesn't contain an exhaust system, contact your authorized Honda Engine Distributor. Using an unapproved muffler may increase certain exhaust emissions, resulting in a violation of federal regulations.

Emission Control Label

The emission control label is an integral part of the emission system and is strictly controlled by regulation(s). The label must remain with the engine for its entire life.

If a replacement emission label is needed, please contact your authorized Honda Engine Distributor.

If you install the engine in a way that obscures the engine's emission control label, you must place a duplicate label on the equipment, as described in 40 CFR 1068.105(c).

To order duplicate labels, send a request in writing on your company's letterhead to American Honda and include the following information:

1. Identify the type of equipment and the specific engine and equipment models needing duplicate labels.
2. Identify the family (from the original engine label).
3. State the reason that you need a duplicate label for each equipment model.
4. Identify the number of duplicate labels you will need.

Once received, permanently attach the duplicate label to your equipment by securing it to a part needed for normal operation and not normally requiring replacement. Make sure an average person can easily read it. Destroy any unused duplicate labels if you find that you will not need them. Keep the following records for at least **eight** years after the end of the model year identified on the engine label:

1. Keep a copy of your written request.
2. Keep drawings or descriptions that show how you apply the duplicate labels to your equipment.
3. Maintain a count of those duplicate labels you use and those you destroy.

Send requests for duplicate emission labels to:

American Honda Motor Co., Inc.
Attn: Emission Label Request
4900 Marconi Drive
Alpharetta, GA 30005-8847
Phone: (770) 497-6400

Use the address shown below to access the Electronic Code of Federal Regulations index:

http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?&c=ecfr&tpl=/ecfrbrowse/Title40/40tab_02.tpl