

Cub Cadet

Power Equipment

Service Bulletin

CC-342

LAWN TRACTORS AND SERIES 2000

Models: 2150, 2155 S/N 326,006 -365,304
Date: February 17, 1997
Subject: Afterbang

Starting with tractor serial number 326,006, models 2140 & 2145 were discontinued and replaced with models 2150 & 2155. These new models, with increased horsepower and an engine with a larger bore size, have Kohler's Command series 15 hp single cylinder engine.

PROBLEM: Complains have been received of an occasional afterbang during normal engine shutdown on the above models. An investigation by Kohler reveals hot spots in the first chamber of the muffler are causing the afterbang. This is due to the larger bore size on the single cylinder 15 hp engine.

SOLUTION: If you encounter a customer with this complaint, follow the instructions below.

1. Drain fuel and replace with fresh gasoline blended for the season. Low octane, stale or winter grade fuel will detonate more easily. Refer to the back of this bulletin for additional information.
2. Set idle speed to 1400 rpm after the engine has warmed up.
3. Advise customer to run tractor in a ventilated area for approximately 1 minute at idle prior to shut down,
4. Replace with new muffler **651-3000A**.

NOTE: Afterbang might occur during the first few hours of operation. Series 2000 tractors with the Kohler Command 15 hp engine manufactured after tractor serial number 365,304 will have the new muffler. Since only a baffle change was made in the first chamber, the new muffler will appear to be the same as the original muffler part number 651-3000.

Warranty Allowance: Normal warranty terms will apply.

Service Manager	Parts Manager	Service Tech.	Service Tech.	Service Tech.

Circulate And Initial

FUEL RECOMMENDATIONS

WARNING: Explosive Fuel!

Gasoline is extremely flammable and its vapors can explode if ignited. Store gasoline only in approved containers, in well ventilated, unoccupied buildings, away from sparks or flames. Do not fill the fuel tank while the engine is hot or running, since spilled fuel could ignite if it comes in contact with hot parts or sparks from ignition. Do not start the engine near spilled fuel. Never use gasoline as a cleaning agent.

General Recommendations

Purchase gasoline in small quantities that can be used within 30 days and store in a cool ventilated place to hold oxidation to a minimum. This will assure fuel freshness and volatility tailored to the season. In winter, the fuel is blended with light, lightly volatile material to facilitate cold-weather starting. In summer, the fuel is less volatile to prevent "boiling" and subsequent vapor lock.

Do not use gasoline left over from the previous season. Gasoline is subject to oxidation which results in fuel gum deposits during storage.

Do not overfill the fuel tank. Leave room for the fuel to expand.

Fuel Type

For best results, use only fresh, unleaded gasoline with a pump sticker rating of 87 or higher. Unleaded gasoline is recommended, as it leaves fewer combustion chamber deposits and longer valve life.

NOTE: Some fuels, called oxygenated or reformulated gasoline, are gasolines blended with alcohols or ethers. If gasoline with Ethyl Alcohol or Methyl Tertiary Butyl Ether (MTBE) is used, it **MUST NOT** contain more than 10% Ethanol (by volume) or 15% MTBE (by volume). Excessive amounts of these blends can cause performance problems. Use gasoline tester BS-100023 to determine the alcohol content.