

Jacobsen Information Bulletin

Product Type: Z-Fastcat ES

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October 2003

Exhaust Smoke On 17.5HP ZTR

Product Information

ISSUE:

We have received reports of smoke coming from engine exhaust on models Z-Fastcat ES 742280 while operated under high load on uneven terrain. We have identified two conditions that contribute to this problem:

- 1) The choke may not be fully open during operation.
- 2) The oil level in the crankcase may be too high for this operating condition.

CORRECTION:

The color of the smoke will indicate whether the problem is choke related or oil related. Use the following procedures after determining the source of the problem.

If black smoke:

- 1) Inspect air intake system for restrictions; clean or replace the air filter.
- 2) Inspect sparkplug for fouling; replace if required.
- 3) Inspect choke for proper operation; adjust so plate is completely open when choke is off.
- 4) Ensure the governor lever does not bump against the choke link under full throttle settings.

If blue or white smoke:

- 1) Check oil level on dipstick.
- 2) If oil is above full mark on dipstick, drain excess oil down to full mark, then re-test unit. This may resolve many complaints on units operated under borderline terrain conditions.
- 3) If problem persists, order from an authorized Briggs and Stratton Dealer and install dipstick p/n **699908**, which provides for a slightly lower oil level at the full mark. This is a safe oil level for the engine and should resolve any remaining complaints for those units operated under the conditions noted above.

AFFECTED SERIAL NUMBERS:

All 742280 serial numbers.

WARRANTY:

This bulletin is for information purposes only. If you have any questions, please contact your Briggs & Stratton Central Sales and Service Distributor and refer to Central Bulletin #2003-6.

CustomerOne™ Product Support

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