



Fuel Tank Expands

Product: GR3150

Revised August 7, 2009
Safety Alert/Mandatory
Rework

Affected Units:

Models:
04357

Serial Numbers:
280000101 - 290000713

Subject: Fuel tank expands due to excessive pressure caused by fuel cap relief not functioning correctly.

Situation: As a result of increasing levels of ethanol being used in today's gasoline fuels, the rubber relief component in the Fuel Cap (93-7170) may swell abnormally. The rubber relief may swell to a point that it will bind and prevent the relief from functioning, allowing excessive pressure to build up in the tank and causing the tank to expand.

Some fuel tank pressure is normal. The fuel cap has a regulated relief valve to release excessive fuel vapor when the tank pressure reaches 0.3 psi (2 kpa)

Correction: The fuel cap vendor has changed the relief material, which is resistant to swelling with the higher ethanol content gasoline.

The new fuel cap, part number 115-5304 is available from your Toro Distributor.

Based on product registration information, Toro will be sending out a fuel cap (115-5304) to registered owners of units within the above listed model and serial range. We are requesting that the customer remove and discard the current cap and replace with the new cap with Lot Code 1259 or higher.

Safety Awareness: If you suspect that the fuel tank is under pressure due to this issue, follow reasonable and customary safety precautions while loosening the cap.

Slowly loosen the fuel cap to relieve pressure when opening in order to prevent gasoline from spraying out under pressure.

Sample Letter

Date

Name

Street Address 1

Street Address 2

City, State, Zip

Dear Valued Toro Customer:

RE: Toro Greensmaster® 3150

Model 04357, Serial range 280000101 - 290000713

Thank you for your purchase of Toro Commercial Products.

Our Records indicate that you are the owner of a Toro Greensmaster 3150 that was produced between 2008 and 2009. This letter is being sent to advise you of a possible condition which may affect the safety of the unit.

The fuel cap on this product has a regulated relief valve to release excessive fuel vapor to atmosphere when the internal tank pressure reaches 0.3 psi (2 kpa). Some vapor pressure inside the fuel tank is normal. As a result of increasing levels of ethanol in today's gasoline fuels, the rubber relief component in the Fuel Cap (93-7170) may swell abnormally, preventing the valve from relieving excessive pressure. The resulting pressure may lead to fuel tank interference due to expansion, or fuel spray when opening the cap. If you suspect that the fuel tank is under pressure due to this issue, follow reasonable and customary safety precautions while loosening the cap.

Slowly loosen the fuel cap to relieve pressure before removing fuel cap in order to prevent gasoline from spraying out under pressure.

Your continuing confidence in the performance of your Greensmaster 3150 is important to us. Therefore, we have enclosed a fuel cap replacement (115-5304) for your GR3150 fleet at no charge. Please remove and discard the current cap and replace with the new cap with Lot Code 1259 or higher.

At Toro, customer satisfaction is of utmost importance; we apologize for any inconvenience this may have caused.

Thank you again for choosing the Toro.

Sincerely,

Commercial Division

Customer Care Department