



ISO 9001 CERTIFIED COMPANY

Cat Complete™ Check Engine Light Medic+™

Part #: 34720

500 mL

Fuel, Exhaust & Emissions System Cleaner

CAT COMPLETE™ Fuel, Exhaust & Emissions System Cleaner has high-performing detergents and heavy duty cleaning solvents that effectively scrub and remove contaminants, soot, carbon build-up, and oily residue from the fuel injectors, combustion chambers, turbo, EGR, catalytic converters, oxygen sensors and the exhaust system. These along with other active chemical agents, react with the gases created in the combustion process to remove the remaining inorganic deposits. This process restores their function and with regular use maintains efficiency.

As fuel is burned contaminating byproducts are created that get circulated throughout various vehicle components. The system is designed to be able to handle this process during most normal engine operation. However, the use of poor quality fuel, short driving distance, cold weather, improper maintenance, and component failure can greatly increase the amount of contamination and deposits created inside these systems. Such factors can cause increased exhaust emissions, reduced fuel economy, lost power & performance, drivability issues, engine overheating, hard starts, check engine light illumination and premature engine wear.

- Increases power, performance, km/L and saves gas by not only cleaning the entire emissions & exhaust system, but the fuel system as well. Works with gasoline, ethanol and hybrid vehicles.
- Regular use every 3 months tunes-up the fuel, emissions and exhaust systems keeping them clean and preventing the CEL light from returning. This also saves on expensive fuel system and emission control repairs.
- Will not void manufacturer's new vehicle warranty. Specifically designed and safe to use on vehicles which have oxygen sensors and catalytic converters. Exceeds EPA compliance performance criteria.
- Works on all fuel injected, direct injected, carbureted, turbo, GTDI, Ecotec® & EcoBoost® engines.



PRODUCT USES:

*Before Changing Catalytic Converter
When Warning Light is On
To Lower Tailpipe Emissions
Pretreat Before Emissions Test
After Failed Smog Test
Restore Lost Performance
Reduce HC, CO and NOx Emissions*

CLEANS:

*Catalytic Converters, Oxygen
Sensors, Exhaust System,
Spark Plugs, Fuel Injectors,
Intake Valves, and
Combustion Chambers*



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- Clean fuel and exhaust systems reduce excess exhaust hydrocarbon, CO and NO_x emissions and saves gas.
- Contains outstanding synthetic PEA polyetheramine detergents to remove (IVD) intake valve deposits, (CCD) combustion chamber deposits and other fuel deposits.
- Includes combustion catalyst for improved gas mileage, smoother idling, drivability and better throttle response.
- Reduces zinc and phosphorus catalyst contamination restoring catalytic converter function.
- Cleans O₂ lambda oxygen sensor tip.
- Clear OBD P0420 & other OBD codes* and turn check engine light off.
- Deodorizes Sulphur "sulfur" (rotten eggs) exhaust smell.
- Pass emissions smog test
- Proven / Territory legal—EPA registered

INSTRUCTIONS:

Deep Cleaning—Add entire bottle of Fuel, Exhaust & Emissions Systems Cleaner into approximately 1/2 full tank car or small to mid-size SUV (1/4 full tank for truck or large SUV) of gasoline. Drive vehicle 30 to 50 km, ideally half at highway speeds and then fill up tank. Continue to drive vehicle normally until below 1/4 tank before refueling. Take emissions test at this time if needed and CEL light should be off. Depending on the severity and length of time light has been on, it may take an extra 400 km with multiple cycles of the vehicle being started and turned off for the light to reset. If light is still on mechanical attention is needed.

Preventative Maintenance—Add one bottle to nearly full tank, or add to tank and fill with up to 80 litres of gasoline. Use every 3 months for best performance, cleaning and protection.

NOTE:

This bottle is designed to work in ALL gas tanks including standard, obstructed and capless (no fuel cap) systems. If vehicle has a fuel cap make sure to reinstall tightly, as this can cause the light to be on.

* OBD-II PID CODES P0420, P0421, P0430, P0431 and more.
Complete list can be found at www.cel-reset.com



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CHECK ENGINE LIGHT

When the check engine light (CEL) or malfunction indicator light (MIL) illuminates, it has detected an engine system malfunction. Some auto parts stores offer free on board diagnostic (OBD) code checks, and inexpensive readers are available to purchase for do it yourself (DIY) checks. One of the most common codes is P0420 (along with related codes) for the emissions system that usually traces back to catalytic converter efficiency. If the converter is dirty or bad, likely something else caused this. CAT COMPLETE Fuel, Exhaust & Emissions System Cleaner not only helps with what may be causing the light to come on, but also the system that initiated the problem. Driving with CEL on can cause increased vehicle emissions, poor fuel mileage, reduced power, further engine damage beyond what the original problem is, and could eventually lead to vehicle breakdown. Sometimes the damage is so severe that cleaning will not help. For example, a converter that has operated with temperatures over 700°C will start to melt inside and become permanently damaged. Or an oxygen sensor that is not dirty, but internally damaged. Your best chance of cleaning one of these systems is within the first few months of when the light comes on. However this formula can also work on a vehicle that has had the light on for years. Once the issue has been resolved, the light may continue to be on for a period of time. For some vehicles, it takes a few start/stop cycles for it to clear, others you may need to disconnect the battery for 15 minutes and leave the door open, then reconnect. See vehicle owners manual for resetting the CEL if applicable.

EMISSIONS SMOG TEST

Many provinces, territories or regions require regular emissions inspections before renewing vehicle plates or the first time registering. During a visual inspection if there are missing or tampered emissions components, that can be an automatic failure. It also could be something simple like a missing gas cap or a cap with a bad seal. Defective mechanical parts that have failed would be another reason. Many times, it does not take a mechanical issue to cause a failed result on a vehicle emissions test. If you are unsure your vehicle will pass, or maybe it barely passed the last test, we recommend a fresh oil change and emissions system cleaning with Rislone Fuel, Exhaust & Emissions System Cleaner before testing. Other items to consider include spark plugs and fuel filter, if they are due for replacement. This gives your vehicle the best chance of passing.



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CODES

PENDING CODES / SOFT CODES—Can be intermittent or historically and do not affect current vehicle performance. Most of these type of DTC codes can be reset by disconnecting the vehicle battery, or removed with an OBD scan tool.

STORED CODES / HARD CODES—Situation is happening currently so if you try to erase code it will immediately return. These are usually Permanent Diagnostic Trouble Codes (PDTC). Vehicle needs to be repaired or fault solved before code can be permanently erased.

P0420—Catalyst System Efficiency Below Threshold (Bank 1) and P0430—Catalyst System Efficiency Below Threshold (Bank 2)

P0421—Warm Up Catalyst Efficiency Below Threshold (Bank 1) and P0431—Warm Up Catalyst Efficiency Below Threshold (Bank 2)