

CECIL'S

AUTO SERVICES LTD

MACHINE

CATALOG



THE BEST SERVICE GURANTEED

Cecilsautoservicesltd.com

INTRODUCTION

Welcome to our innovative machine catalog, a comprehensive guide to the latest in motor vehicle servicing technology. Our collection features state-of-the-art equipment designed to streamline and enhance the efficiency of vehicle maintenance.

In this catalog, you will find a diverse range of machines that address various aspects of vehicle servicing, from diagnostics to repairs. These innovations utilize cutting-edge technology to simplify complex tasks, making them more manageable and less labor-intensive.

We believe that embracing these tools will lead to faster turnaround times and improved customer satisfaction. Our services are tailored to support quality and efficiency.

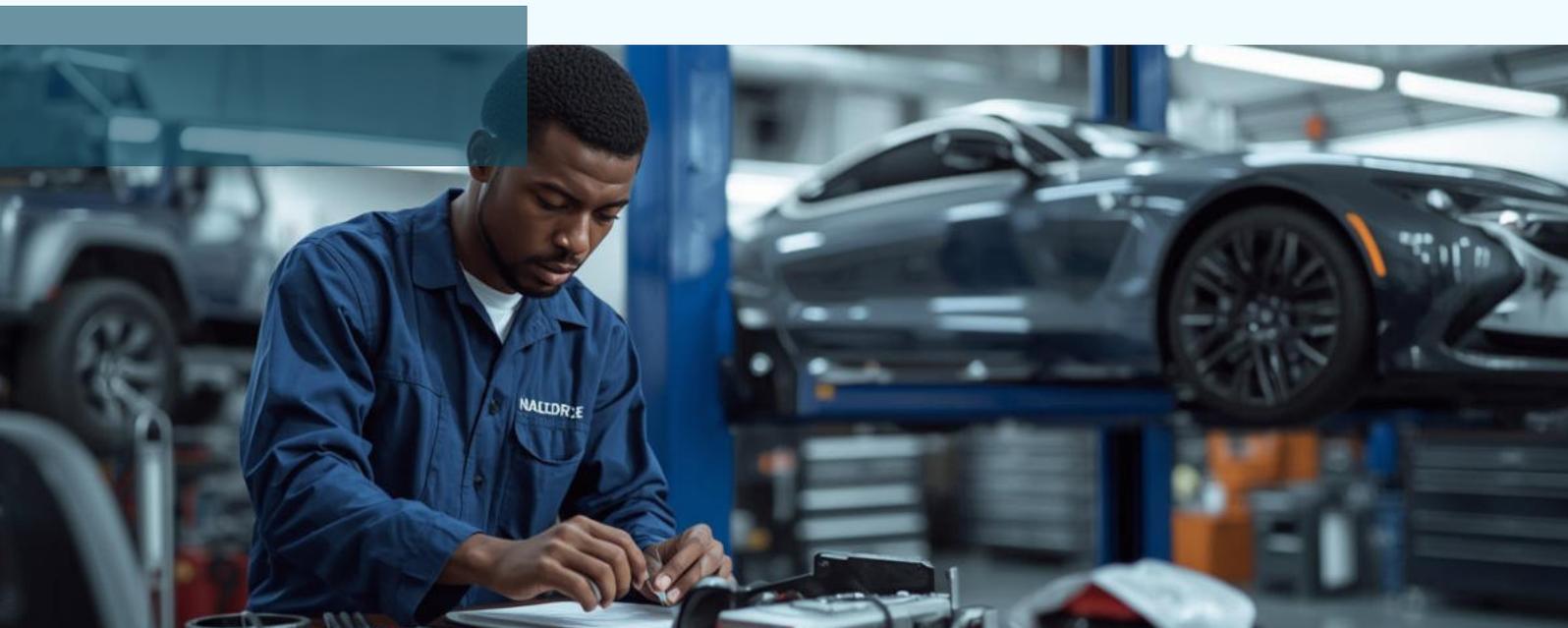


TABLE OF CONTENTS

Introduction

- Catalog ... 4-5
- Diagnostics ... 6
- Decarbing ... 7
- Engine Health... 8
- Recycling & Steaming ... 9
- Flushing ... 10
- Injector Cleaning... 11

CATALOG



**HHO
CARBON
CLEANER**



**DPF/DOC/
SCR
MACHINE**



**GO CLEAN
STEAMER**



**TRANSMISSION
FLUSH
MACHINE**



**COOLANT
FLUSH
MACHINE**

CATALOG



**ENGINE OIL
FLUSH
MACHINE**



**USED OIL
FILTER
MACHINE**



**INJECTOR
CLEANING
MACHINE**



**2025
DIAGNOSTIC
SCAN TOOL**



**EXHAUST GAS
ANALYZER**

DIAGNOSTICS

Vehicle diagnostic tools are essential for identifying and troubleshooting problems in modern automobiles. It connects to the vehicle OBD system to retrieve trouble codes, monitor real-time sensor data, and perform various system tests.

Mechanics and technicians use scan tools to quickly pinpoint issues related to the engine, transmission, ABS, airbag systems, and more. Advanced scan tools can also perform functions such as coding, adaptation, and bi-directional control, making them invaluable in both routine maintenance and complex repairs.

Another important diagnostic tool is the exhaust gas analyzer, which measures the composition of gases emitted from the vehicle's exhaust system. This tool helps determine how efficiently the engine is burning fuel and whether it meets emissions standards. By analyzing levels of gases like carbon monoxide (CO), carbon dioxide (CO₂), hydrocarbons (HC), and nitrogen oxides (NO_x), technicians can identify issues such as incomplete combustion, a malfunctioning catalytic converter, or incorrect air-fuel ratios. Exhaust gas analyzers are especially important in emission testing and engine tuning to ensure vehicles are both environmentally compliant and running efficiently.

The Latest Multi-Vehicle Diagnostic Scan Tool



Exhaust Gas Analyzer



DECARBING



DPF/DOC/SCR MACHINE

The DPF cleaning machine is a specialized equipment designed to clean the particulate filters by removing the accumulated soot and ash from the filters and its other components . This process is known as regeneration, this reduces emissions and improve vehicle functionality.



HHO CARBON CLEANER

The HHO Carbon Cleaner, connects to the engine and cleans the entire engine and exhaust system. This reduces vehicle emissions, reduces gas consumption gaining better milage, reduces maintenance cost and increases vehicle performance.



ENGINE HEALTH

Our vehicle injector machine is a specialized tool used to test and clean fuel injectors in internal combustion engines. Over time, fuel injectors become clogged or dirty due to carbon deposits and fuel impurities, leading to poor engine performance, increased emissions, and reduced fuel efficiency. Our machine uses pressurized solvent and ultrasonic cleaning methods to remove these deposits, restoring the spray pattern and flow rate of the injectors ensuring optimal fuel delivery and combustion efficiency.

Our radiator flush machine, is designed to clean the radiator, hoses, and water passages within the engine. Over time, coolant can break down and become contaminated with rust, scale, and other debris, which can lead to overheating, reduced heat transfer, and even engine damage. Our radiator flush machine connects to the cooling system and uses a combination of water, cleaning solution, and pressure to flush out old coolant and contaminants. After cleaning, the machine also assists in refilling the system with fresh coolant, ensuring that the engine maintains optimal temperature and cooling efficiency.



**INJECTOR CLEANING
MACHINE**

RADIATOR FLUSH MACHINE



RECYCLING & STEAMING



WASTE OIL RECYCLING MACHINE

Our oil recycling machine is designed to process used or discarded oils, such as engine oil, transmission oil, or industrial lubricants, and convert them into clean, reusable oil. The machine uses processes like filtration & separation to remove impurities, sludge, water, and contaminants. This not only helps in reducing environmental pollution but also enables the recovery of valuable resources, promoting sustainability and cost savings.



GO CLEAN STEAM CLEANER

Our Go Clean Steamer boasts dry steam and wet steam technology, which does not use any chemicals. This machine is used to steam clean the exterior, interior and engine room of motor vehicles. It is versatile enough for farm, industrial, corporate and domestic uses.



FLUSHING

Our engine oil flush machine is used to clean the internal components of the engine by removing accumulated sludge, dirt, and old oil deposits. The machine works by circulating specialized cleaning agents through the engine's lubrication system, effectively breaking down deposits and contaminants that have built up over time. This process helps improve engine performance, increase fuel efficiency, and extend the lifespan of engine components.

Our transmission oil flush machine is designed to clean and refresh the transmission system by removing worn-out, contaminated, or degraded transmission fluid. The machine typically connects to the transmission system and uses a new, clean fluid to displace the old fluid, along with any accumulated debris, metal shavings, and contaminants. This process helps restore smooth shifting, prevent slipping, and reduce wear and tear on transmission parts. Regular use of a transmission oil flush machine can enhance the efficiency and longevity of the transmission system, preventing costly repairs and maintaining optimal vehicle performance.



Engine Oil Flush Machine

Transmission Flush Machine



INJECTOR TESTING

Our Common Rail Diesel Injector tester is a specialized diagnostic tool used to assess the electrical, hydraulic, and mechanical performance of diesel injectors. It simulates engine operating conditions—such as pressure and PWM (pulse-width modulation) signals—to check for correct spray patterns, leakage, fuel delivery volumes, and solenoid/piezo operation.

Key functions of a common rail injector tester include:

- **Electrical Testing**: Measures injector solenoid resistance and inductance to detect faulty coils.
- **Spray Pattern Analysis**: Visualizes the nozzle spray to identify clogged or poorly atomizing injectors.
- **Leak-off/Back Leakage Test**: Measures the amount of fuel returning from the injector, identifying worn internal seals or faulty valves.
- **Delivery/Volume Test**: Evaluates injector fuel volume at various pressures (idle, load, full-load) to ensure proper balance across cylinders.
- **Drive Signal Simulation**: Uses PWM signals to mimic the engine control unit (ECU) for testing under simulated conditions.



COMMITMENT TO QUALITY

We at Cecil's Auto Services Ltd, are committed to providing our customers with the most up to date services, with the most cutting edge technologies.

This catalog is meant to showcase our machine services that we offer, highlighting their uses, applications and effectiveness.





CONTACT US

Cecilsautoservicesltd.com

876-887-1144

1-3 Fish Lane Montego Bay St.
James Jamaica W.I



Cecil Decarbs



Cecil Decarbs Cleaner