

## RAYHONG RAYHONG-J027-R

# RAYHONG Catalytic Converter Cleaner (Model RAYHONG-J027-R) Instruction Manual

Brand: RAYHONG | Model: RAYHONG-J027-R

## 1. INTRODUCTION

The RAYHONG Catalytic Converter Cleaner is an advanced fuel additive designed to optimize the performance of your vehicle's engine and exhaust system. This professional-grade formula targets and eliminates carbon buildup in critical components, including catalytic converters, oxygen sensors, fuel injectors, cylinder heads, and combustion chambers. Regular use helps restore lost horsepower, improve fuel efficiency, and reduce harmful emissions.

### Key Benefits:

- **Comprehensive Cleaning:** Dissolves carbon deposits throughout the exhaust and fuel systems.
- **Performance Restoration:** Helps restore up to 95% of lost horsepower and torque.
- **Improved Fuel Efficiency:** Optimizes fuel combustion, potentially reducing consumption by up to 15%.
- **Emission Reduction:** Lowers NOx, CO, and HC emissions for environmental compliance.
- **Universal Compatibility:** Safe for use with gasoline, diesel, and hybrid vehicles.
- **Long-Lasting Protection:** Features an anti-corrosion coating to prevent future carbon buildup.



Image 1: RAYHONG Boost Up Catalytic Converter Cleaner bottles with visual representations of its effects on vehicle exhaust systems.

## 2. SETUP AND APPLICATION

Applying the RAYHONG Catalytic Converter Cleaner is a straightforward process. Follow these steps for optimal results:

1. **Prepare the Bottle:** Unscrew the cap and remove the protective seal from the 120ml bottle.
2. **Add to Fuel Tank:** Pour the entire 120ml contents of one bottle directly into your vehicle's fuel tank.
3. **Timing:** For best results, add the product when the fuel tank is approximately 1/4 full.
4. **Refuel:** After driving approximately 30-50 km (18-30 miles) with the cleaner in the tank, refill your fuel tank completely. This allows the cleaner to circulate and work effectively through the system before being diluted by a full tank of fresh fuel.

# HOW TO USE



**1. Screw off the cover, tear off the seal**



**2. Pour into the oil tank**



## WARM TIPS

Please add the product when the remaining 1 / 4 of the fuel is used, After the vehicle runs about 30-50 km, fill up the fuel tank.

*Image 2: Visual instructions for pouring the cleaner into the fuel tank when it is 1/4 full, and a reminder to refuel after driving a short distance.*

*Video 1: Demonstration of the catalytic converter cleaner's effect on carbon buildup and the simple pouring process into the fuel tank.*

## 3. OPERATING AND USAGE FREQUENCY

For sustained peak performance and protection, it is recommended to repeat the application process quarterly (every 3 months) or every 1000 miles, whichever comes first. Consistent use helps maintain a clean engine and exhaust system, preventing the re-accumulation of carbon deposits.

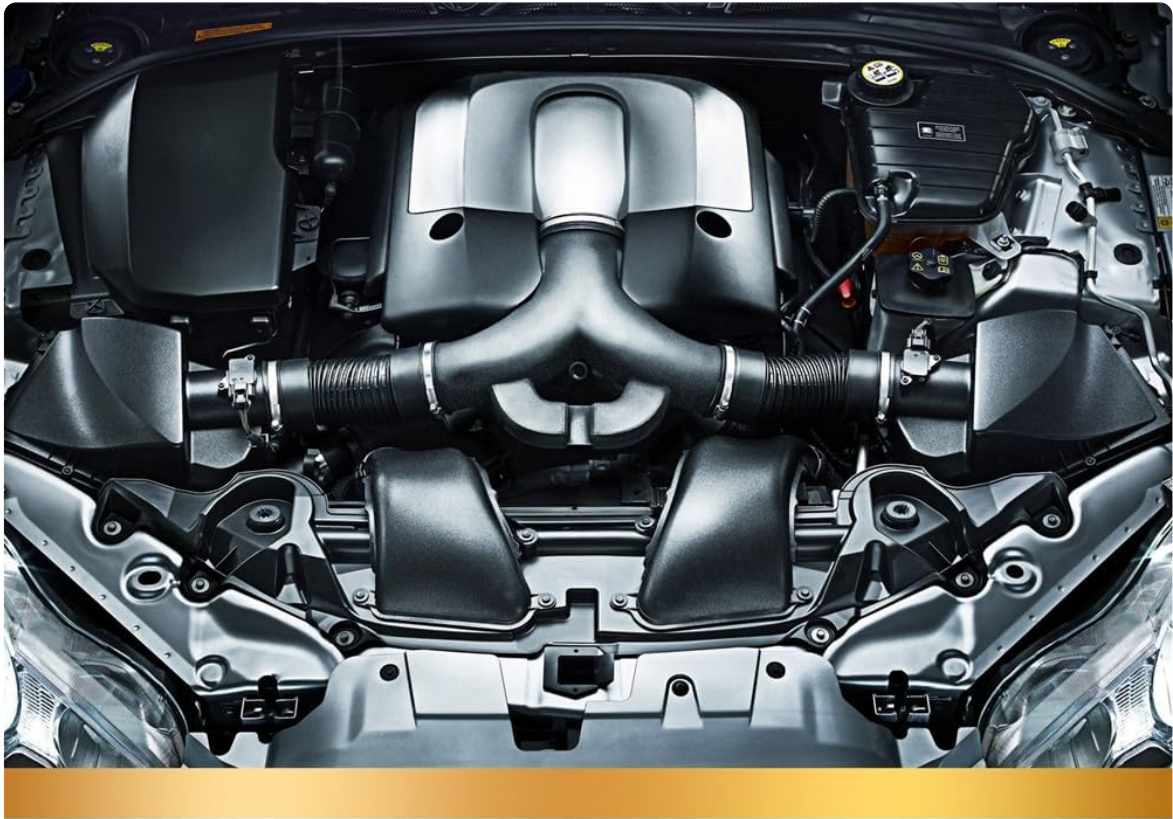
The cleaner works as you drive, actively dissolving carbon and other residues. No special driving conditions are required after application, simply drive normally.

*Video 2: Visual guide demonstrating the ease of adding the catalytic converter cleaner to a vehicle's fuel tank.*

#### 4. MAINTENANCE AND TECHNOLOGY

The RAYHONG Catalytic Converter Cleaner utilizes advanced PEA (Polyetheramine) Technology, an industry-proven carbon remover. This formula is enhanced with synthetic lubricants to reduce engine wear during the cleaning process and a citric boost to enhance solvent activation. This combination ensures effective cleaning without damaging sensitive engine components.

Beyond cleaning, the product provides long-lasting protection by forming an anti-corrosion coating that helps prevent future carbon buildup. This proactive maintenance helps extend the lifespan of your catalytic converter and other exhaust components.



Remove carbon deposits in the fuel system of automobiles, improve the system and enhance power.



*Image 3: Illustration detailing the chemical process of carbon deposit removal and emission reduction within the fuel system and catalytic converter.*

#### 5. TROUBLESHOOTING AND COMMON ISSUES ADDRESSED

This product is designed to address several common vehicle performance issues often caused by carbon buildup:

- **Failed Annual Inspection:** Helps reduce emissions to meet smog test compliance.

- **Fault Light On (Check Engine Light):** Can help resolve issues related to catalytic converter efficiency and oxygen sensor performance.
- **Increased Fuel Consumption:** Improves fuel efficiency by optimizing combustion.
- **Heavy Exhaust Emissions/Smell:** Cleans the exhaust system to reduce visible smoke and unpleasant odors.
- **Frequent Engine Vibrations:** Contributes to smoother engine operation by cleaning injectors and combustion chambers.
- **Accelerated Inability (Reduced Power/Acceleration):** Restores engine power and torque by removing performance-hindering deposits.

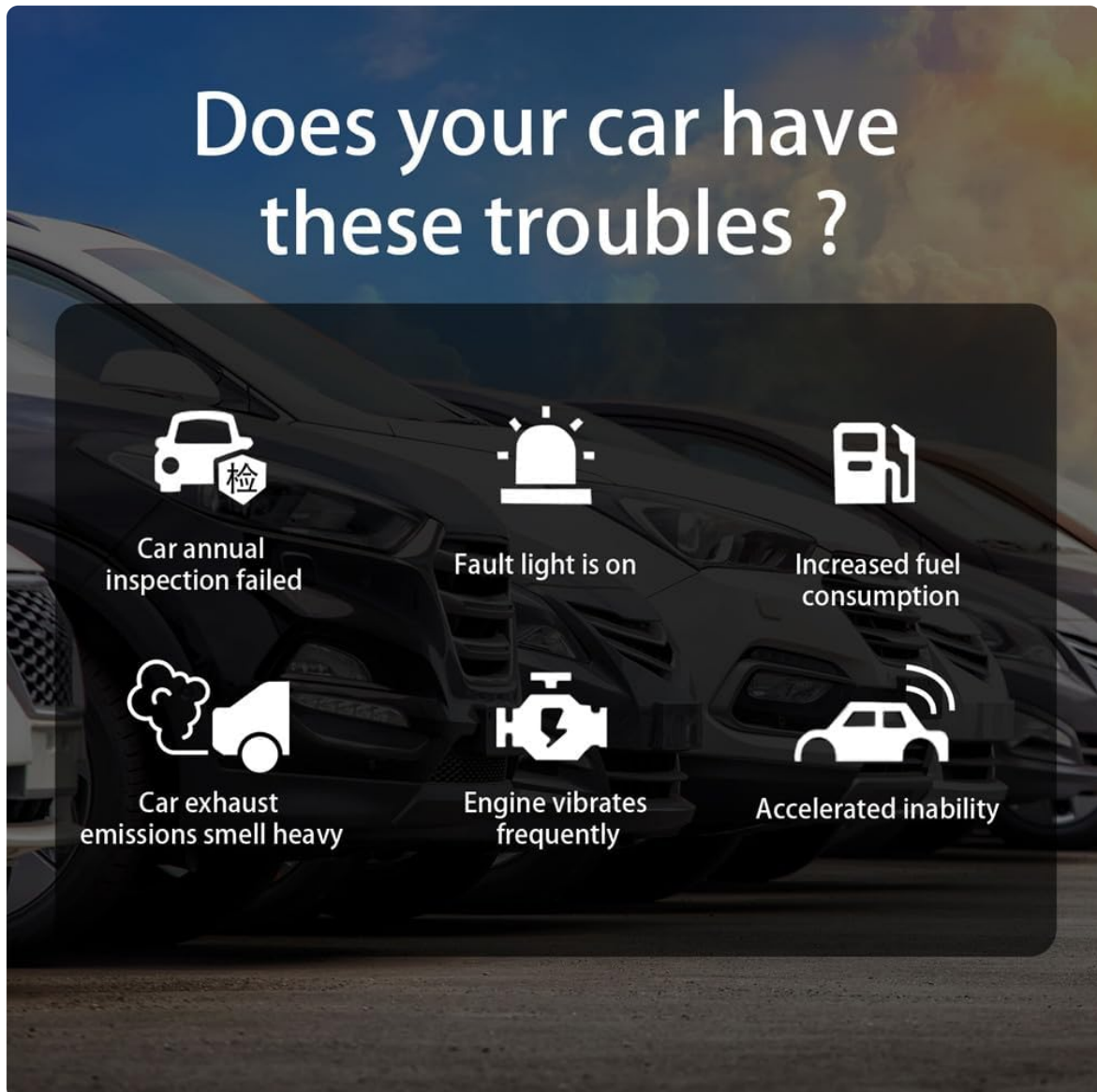


Image 4: Common vehicle problems that the catalytic converter cleaner is designed to help resolve.

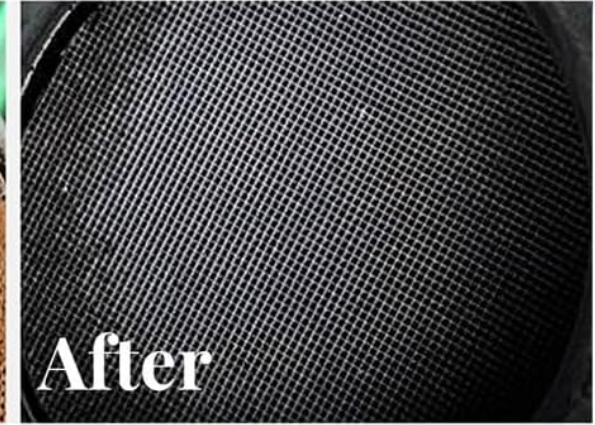
**Before**



**After**



**Before**



**After**

*Image 5: Visual comparison of exhaust components before and after treatment, highlighting the cleaning effectiveness.*

## 6. SPECIFICATIONS

Feature	Detail
Product Name	RAYHONG Catalytic Converter Cleaner
Model Number	RAYHONG-J027-R
Contents	120ml per bottle
Compatibility	Gasoline, Diesel, Hybrid, and Flex-Fuel Vehicles (over 6000 miles)
Recommended Usage	Quarterly or every 1000 miles
Shelf Life	3 Years (store in cool/dry conditions)
Safety	Non-corrosive PEA formula, safe for catalytic converters

