

PRODUCT SPECIFICATION SHEET



INDUCTION SYSTEM CLEANING KIT



- Extremely flexible induction system cleaning tool kit.
- Allows a simple but complete preventative maintenance service.
- Allows simultaneous or separate application of Wynn's cleaning products via the throttle bore and/or the EGR valve.
- Allows product application via pressure nozzles or engine vacuum.
- Utilizes a unique throttle bore injector to deliver a pressurized Wynn's cleaning product to the center of the throttle bore/plate while allowing the air intake boot to remain in place and application of cleaner while the vehicle is running.
- Contains a specially designed vacuum nozzle to deliver an atomized cleaning product into the air intake system.
- Contains multiple different EGR adapter plate styles for servicing a wide variety of vehicles with EGR valves.

Application:

This kit is designed to be used in conjunction with Wynn's air intake and fuel system chemicals to provide a preventative maintenance service for fuel induction systems, including the throttle bore and EGR system.

Stock #35000





INDUCTION SYSTEM CLEANING KIT

THE PROBLEM

Deposit formation in various locations in the air induction, EGR (Exhaust Gas Recirculation) and fuel system can lead to symptoms including poor driveability, decreased fuel economy, and excessive emissions.

EGR (Exhaust Gas Recirculation) systems function to minimize nitrogen (NO_x) emissions. These NO_x emissions are major contributors to air pollution, and along with carbon monoxide (CO) and unburned hydrocarbons (HC), are regulated by a number of states mandating vehicle emissions testing.

To minimize NO_x emissions, the EGR valve meters a controlled amount of exhaust gas into the intake system. This displaces a small amount of the air/fuel mixture, resulting in lower combustion temperatures, which lowers NO_x production. The EGR valve and passageways are especially susceptible to deposit formation because of this exposure to hot, reactive exhaust gases, which contain hydrocarbon soot, unburned hydrocarbons and other deposit precursors. Restrictions in the EGR system adversely affects the metering of exhaust gases into the intake system, resulting not only in increased emissions, but also in driveability problems. Such problems include hesitation or pinging under light acceleration.

If deposit build-up is not addressed, the EGR valve and passageways can eventually clog completely and disable the EGR function. Once deposit build-up reaches this level, the only solution is manually opening the EGR system and removing these deposits manually.

Deposit formation in the throttle bore and throttle plate can adversely affect air flow into the intake manifold. Deposits on the intake valves can affect fuel flow into the combustion chamber, causing driveability problems including rough idling and hesitation, as well as decreased fuel economy and increased emissions. Deposits in the combustion chamber can cause an increase in the octane requirements of the engine and result in pinging.

In short, deposits in various areas of the air induction and fuel system can lead to a variety of problems, including poor driveability, increased emissions and decreased fuel economy.

THE SOLUTION

The solution to many emission and driveability problems is maintaining a clean fuel system. This includes the air intake and EGR systems, as well as the fuel system itself, which includes the injectors, intake valves and combustion chambers.

Wynn's Induction System Cleaning Kit contains a unique set of tools that allows simultaneous or separate cleaning of the throttle bore/ plate and EGR system. The flexibility of these tools allows them to be used for both pressurized and vacuum application of Wynn's fuel and intake system cleaning products. For pressurized applications, the kit is used with either Wynn's EnviroPurge[®] Fuel Injection Cleaning Apparatus or Wynn's PowrTune[®] aerosol fuel system cleaner. The kit can also be used for vacuum application of Wynn's fuel and intake system cleaning products utilizing the vehicle's vacuum system.

Wynn's Induction System Cleaning Kit contains:

- Multiple EGR adapter plates for attachment to the EGR port on a variety of vehicles, enabling vacuum or pressure delivery of Wynn's cleaning products into the EGR passageways.
- A pressure nozzle apparatus that fits in-line between the air intake boot and throttle bore to deliver Wynn's cleaning products into the center of the throttle bore.
- A pressure nozzle that threads into the EGR adapter plates.
- 2 additional pressure lines and a T-connector to allow simultaneous product application via the throttle bore and EGR system.
- A T-connector, plastic line and vacuum nozzle that screws to the EGR plates to deliver Wynn's cleaning products via engine vacuum.

This kit is designed to provide a simple, but complete preventative maintenance service of induction systems. When used in conjunction with additional Wynn's products, the resulting service will help to maintain vehicles operating with maximum performance and fuel economy and minimum emissions.

Directions: Always read and follow the application instructions included with this kit completely before performing this service.



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Professional Products Division
WYNN OIL COMPANY
Azusa, California 91702
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