



WYNN'S DIESEL EGR 4



PROFESSIONAL RANGE



## ABOUT THE PRODUCT

Wynn's Diesel EGR 4 has been developed to clean the air intake manifold, inlet valves and EGR valves of diesel engines.

Product Number	Pack Size	Carton Qty.
23478	150g	12

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The data concerning properties and applications of the indicated products are offered in good faith and are based on our research and practical experiences. Due to the versatility of the application possibilities, it is impossible to mention all details and we do not assume any obligations or responsibilities resulting from this. When a new edition appears due to the technical development, the preceding data are no longer valid.



## ADVANTAGES

Wynn's Diesel EGR 4 cleans the "dry part" of the diesel fuel system without dismantling. Wynn's Diesel EGR 4 can also be used to clean dismantled parts, such as the EGR valve thoroughly.

## BENEFITS

Wynn's Diesel EGR 4 has been formulated to provide the following benefits:

- 01 Immediate through cleaning of air intake system and inlet valves
- 02 Cleans the EGR valve & connecting tube between EGR valve & air intake manifold
- 03 Dissolves gum, lacquer and carbon deposits
- 04 Restores optimal air flow towards the combustion chamber
- 05 Improves fuel economy
- 06 Eliminates & avoids irregular idle & hard starting
- 07 Improves acceleration
- 08 Safe to use with Oxygen sensors, DPF & other emission controls

## APPLICATIONS

Wynn's Diesel EGR 4 can be used to clean the air intake system of common diesel engines in passenger cars and small diesel trucks, and is recommended to be used at each service interval to maintain cleanliness.

*note: Wynn's Diesel EGR 4 is not suitable for Boxer style engines.*



## **DIRECTIONS OF USE**

NOTE: Ensure the vehicle is at normal operating temperature before carrying out an EGR Service to ensure the most effective service and cleaning result. Spray in short bursts of less than one second to avoid uncontrolled rise of rpm, diesel knocking and product pooling.

Cleaning of Throttle Body, Air Intake Manifold and Inlet Valves (Recommended to be carried out at every scheduled service interval or 10,000 – 15,000 km)

1. Start the engine and let it warm up.
2. Remove flexible hose in the air intake system, situated closest to the throttle plate and the air intake manifold.
3. Increase RPM to between (2500 – 3000 RPM) to ensure movement of the throttle plate and that the EGR valve is open.
4. Do not spray directly through the turbo or intercooler. Spray in short bursts of < 1 second (application) each to avoid engine race. After each application, wait until the original rpm is regained and the engine runs evenly.
5. During application, the engine RPM can rise and fall, this is normal and ensures the product is being applied properly. This rise in RPM is due to the addition of liquid and the change in the air/fuel ratio. If there is no engine surge / hunting after each application discontinue application as product may be pooling and not reaching the intended EGR / intake manifold.
6. In the event the RPM should drop, accelerate a little to avoid stalling of the engine (approximately 2500 rpm).
7. In case of increased rpm or diesel knocking, leave it running at idle. Do not accelerate and wait for the RPM to return to normal.
8. Continue until the product is exhausted
9. Once the can is exhausted reconnect the rubber intake hose and perform 10 short sharp rev's on the vehicle then let the engine idle for 10 – 15 minutes to allow any pooled product to evaporate then drive the vehicle for 5 minutes.

Preventive cleaning of EGR valve (Recommended to be carried out at every scheduled service interval or 10,000 – 15,000 km):

1. If the valve is close to the injection point of the product, Follow directions listed above
2. If the valve is at remote distance to the injection point of the product, use the extension spray nozzle (Part No. WQ4700) to get closer to the valve, then act the same way as directed above.
3. If the distance from the end of the extension nozzle is greater than 600mm or there are more than two changes of direction, then it is recommended that the dismantling method below is used.

Cleaning EGR valve / Throttle Plate when excessively dirty (Recommended at initial first treatment on car with high mileage or excessive carbon build up)

1. Dismantle the EGR valve (housing).
2. Spray the product directly on the valve, housing and other components, until these parts are evenly coated and wet.
3. Let the components soak a for a few minutes.
4. Reapply Diesel EGR4 again on the parts, until all the contamination has been removed.
5. It can help to remove the contamination with a piece of cloth or paper tissue.
6. Dry the parts with compressed air, cloth or paper tissue.

Note: Point of application at the engine block should not exceed 600mm from the end of the extension nozzle, and should not exceed two changes in direction before induction into the motor valve assembly's, manifold and or EGR valve assembly. If the distance from the end of the extension nozzle is greater than 600mm or there are more than two changes of direction, then it is recommended that the dismantling method above is used.

Do not apply product through the turbo charger or intercooler. Apply the product in short bursts of less than 1 second. If there is no engine surge / hunting after each application discontinue application as product may be pooling and not reaching the intended EGR / intake manifold.

Note: Some larger or vehicles that have large amounts of carbon may require two treatments initially (2 x Cans) then one treatment (1 x Can) at each service after that. It is recommended to use the extension spray tube (Part No. WQ4700).