

EP-DEK

Diesel Emissions kit Instructions

This kit is selectively designed to clean and regenerate Diesel engines vehicles only.

The kit should be performed as part of the normal service when oil is changed.

Step #1 Engine oil system cleaner (EP-DEK_001)

1. Add 325 ml ECO_POWER DEK_001 Engine Oil System Cleaner to the engine oil (3 to 6 litres).
2. Let the engine operate at idle for 10 to 20 minutes. Change the oil.

Step #2 Engine Drag Inhibitor (EP-DEK_002)

1. Add 325 ml of ECO_POWER DEK_002 Engine Drag Inhibitor to new engine oil.
2. 325 ml treats 2.5 to 5 litres engine oil.

Step #3 EGR Intake Cleaner (EP-DEK_004)

- Usage Method A, B, and C Every maintenance
- Method D At initial first treatment on vehicle

A, cleaning of air intake manifold, air flow sensor and inlet valves

1. Start the engine and let it warm up.
2. Remove flexible hose in the air intake system, situated between the turbocharger/intercooler and the air intake manifold.
3. Let engine run at idle.
4. With warm engine, spray ECO_POWER DEK_004 Diesel EGR/Intake cleaner into the air intake manifold. Do not spray directly through the intercooler. Spray with short intervals of 1 to 2 seconds each. (After each spray, wait until the original rpm is regained and the engine runs stable. During the spray, the rpm can go up or down. Diesel knocking can increase. This is due to the addition of liquid and the change in the air/fuel ratio. Do not throttle the engine Even when rpm drops)
5. Continue until the 200 ml of product is consumed.
6. Let the engine run at idle for 10 minutes.
7. Stop the engine.
8. Put hose back in place.
9. Start engine and drive 3 to 6 miles, but avoid overloading the engine.
10. Allow engine to idle again for at least one minute before stopping the engine.

B, Cleaning of air intake system before turbocharger and compression part of turbocharger

Act in the same way as above, but spray the product in before the turbocharger.

Remove the air filter to reach this area.

C, Preventive cleaning of EGR valve

If the valve is close to the injection point of the product, act the same way as in A.

If the valve is at remote distance to the injection point of the product, use an extension tube to get closer to the valve, then act the same way as in A. D.

D, Curative cleaning of very dirty EGR valve; dismantle the EGR valve (housing).

Spray the product directly on the valve, housing and other components, until these parts are very wet. Let the product act a few minutes. Spray again on the parts, until all the dirt has been removed. It can help to remove the dirt with a piece of cloth or paper tissue. Dry the parts with compressed air, cloth or paper tissue.

Step #4 Diesel Engine Cleaner (EP-DEK_003)

1. Add 500 ml of ECO_POWER DEK_003 Diesel engine cleaner to fuel tank with approximately 50 litres of fuel (Nearly full tank)
2. Drive normally and use most of fuel before re-filling
3. Should be used every 5000 miles

Step #5 (Optional) Diesel DPF Cleaner (EP-DEK_005)

1. Add 500ml of ECO_POWER DEK_005 to a minimum 200 litres of diesel fuel in the fuel tank.
2. One litre treats 500 litres of diesel fuel.
3. City traffic: add every 3rd tank filling or 7.500 km.
4. Long distance driving: add every 10th tank filling or 25.000 km.

(Some vehicle manufacturers equip their diesel engines with a built-in small tank containing an additive that is automatically added to the fuel to clean the soot filter. Adding ECO_POWER DEK_005 in the fuel tank causes no problems for the built-in regeneration system. On the contrary, it will reinforce the regeneration of the filter)

Disclaimer

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.