

Specification



Operation Panel



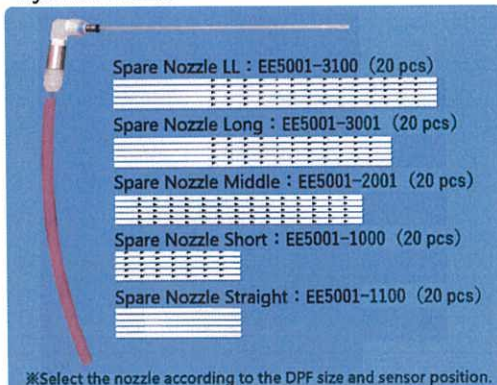
● Automatic Cleaning (ON THE CAR / OFF THE CAR)

①Select the cleaning method with the Function Selector (ON THE CAR or OFF THE CAR). ②Set the cleaning power with the Mode Selector (LIGHT / NORMAL / POWERFUL). ③Press the START button to start cleaning. Since a series of cleaning operations proceeds automatically, you can perform other tasks in the meantime.

● Manual Cleaning

①Select Manual with the Function Selector. ②Set the cleaning power with the Mode Selector (LIGHT / NORMAL). ③Select the cleaner you want to spray. ④Press the START button to start cleaning. Since it can discharge the specified cleaner, it can be used for auxiliary cleaning or cleaning removed DPFs.

Injection Nozzle



※Select the nozzle according to the DPF size and sensor position.

Item No.	EE5002-0000
Power Supply	AC100V (50/60Hz)
Power Consumption	25W or less
Supply Air	0.97MPa or less
Drive Air	0.4MPa / 0.5MPa
Liquid Tank Capacity	Cleaner1, Cleaner2 Tank : 4 ℓ Rinse, Water Tank : 10 ℓ
Unit Dimensions	W450×D450×H870mm
Unit Weight	Approx. 25kg(empty tank), Approx. 57kg(full tank)
Accessories	•Injection Nozzle (Multi-hole resin PP) (Long, Medium, Short, Straight) •3m hose, fuse, water tank, power cord

Detergent

DPF Quick Refresher CleanerSet

EE5000-1000



Cleaner C1



Cleaner C2



Rinse R



Conditioner

〈Approximately 10 DPFs can be cleaned with normal cleaning〉

※Cleaner is not included. ※Image is for illustrative purposes only.

〈Option〉

OFF THE CAR Attachment

Easy removal and cleaning !!



Installation Image

OFF THE CAR Attachment



- Medium (φ185) EE5001-4000
- Large (φ268) EE5001-5000



Safety Notice

To ensure correct and safe use, be sure to read the Instruction Manual carefully before use.

- Please note that specifications are subject to change without notice.
- Please contact your nearest sales company or Altia branch for ordering and consultations.

OR 10
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ALTIA

DPF Quick Refresher III

EE5002-0000

Achieving significant reductions in cost, labor, and time spent on DPF maintenance!

DPF Maintenance Revolution



■ DPF removal not required!

Cleaning is possible simply by setting the injection nozzle to the DPF while it remains attached to the vehicle!

Eliminates the most time-consuming removal and installation work in DPF cleaning!

■ Easy, fully automatic cleaning

Simply select the cleaning method and cleaning power, then press the START button!

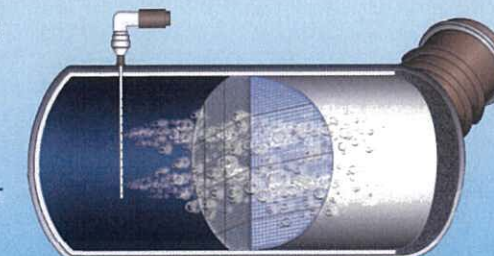
Set and reset in approximately 20 minutes! Leave the rest to the machine!

■ Highly effective detergents

Uses 3 types of special chemicals in the cleaners!

Demonstrates outstanding cleaning power by spraying with the injection nozzle!

■ Off-the-car cleaning also automated with the off-the-car cleaning attachment (option)



Current Problems Related to DPF...

Problems caused by DPF clogging, such as worsened fuel efficiency and reduced power, can lead to engine shutdown in the worst case. Furthermore, the decline in exhaust gas purification performance also contributes to air pollution.

In addition, with the "2024 Problem" and the corresponding work style reforms, the working hours of truck drivers are being restricted. However, DPF regeneration sometimes requires stopping the vehicle, further squeezing delivery times.

DPF maintenance can contribute to Sustainable Development Goals (SDGs) by improving energy efficiency through better fuel economy, reducing CO₂ emissions, and decreasing waste through DPF reuse.

DPF's SOS Signals!



- Fuel efficiency has worsened
- Power output has decreased
- Black or white smoke is emitted
- Engine does not rev up smoothly
- Automatic DPF regeneration occurs frequently

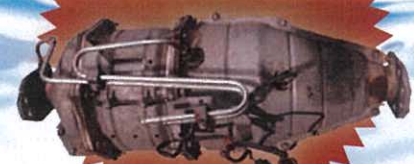
If these symptoms appear, DPF cleaning is necessary.

【Problems caused by forced combustion in DPF】

- Risk of DPF damage
- Engine oil degradation

- Excessive fuel consumption
- Environmental and health impact from exhaust gas

Until now...
DPF replacement was necessary



Expensive replacement cost

several days of downtime

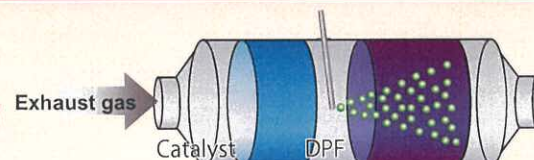
DPF Quick Refresher III
Quick Refresher III solves these problems!



The regular maintenance can extend the use of DPF

No need to remove!!

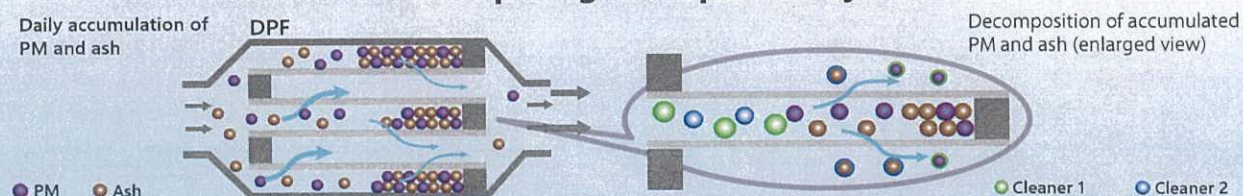
Use the quick refresher to clean off the carbon and ashes inside the DPF



Four-stage cleaning process ensures comfortable use of DPF!

- **Cleaner C1** Specialized cleaning agent specifically for PM (Particulate Matter)
- **Cleaner C2** Specialized cleaning agent that acts on continuously accumulating ash
- **Rinse R** Specialized rinse liquid for protecting the inside of the DPF muffler
- **Conditioner** Injector cleaner and DPF combustion improver for suppressing PM accumulation and promoting automatic regeneration

By using two types of dedicated special cleaning agents, PM and ash accumulated in the DPF passages are powerfully broken down!



※ Cleaning effectiveness may vary depending on individual cases.

Daily DPF Cleaning with On-The-Car Cleaning!

Cleaning Work Flow (On-The-Car)



Remove the exhaust gas temperature sensor



Insert the nozzle in the hole where the sensor is attached



Select "ON THE CAR" with the selector, set the cleaning power, and press the START button to begin automatic cleaning

Thoroughly Cleaning Heavy Soiling with Off-The-Car Cleaning Function!

Cleaning Work Flow (Off-The-Car)



Cover the DPF with the DPF off-the-car cleaning attachment and connect the hose of the DPF Quick Refresher III



Select "OFF THE CAR" with the selector, set the cleaning power, and press the START button to start automatic cleaning



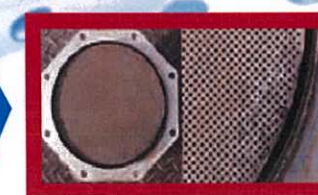
Remove the off-the-car cleaning attachment and rinse with the spray nozzle

※ Off-the-car cleaning attachment (optional) is required

DPF lifespan can be extended through maintenance



Before



After

Example of Cleaning Effect

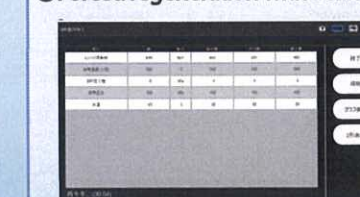
Bus Mileage: 800,000 km. Diagnosed by the dealer as needing replacement...



Truck Mileage: 500,000 km. Diagnosed by the dealer as needing replacement...



Forced regeneration with Scan tool



Scan tool SSS-T3
Part No. : EG3007-0000
※ A compatible scan tool is required for forced regeneration.