



ENGINE, ENGINE MOUNTING AND EQUIPMENT

Air filter

Renault Trucks offer

Clean air is essential for optimum engine performance, but air is anything but clean.

Installing a Renault Trucks air filter provides the engine with the best possible protection against the finest dust particles (5 to 15 thousandths of a millimeter).

CHARACTERISTICS	BENEFITS
Specific filter media.	High filtration, minimal engine wear ■ fewer repair works.
Large media area.	High dust retention capacity: ■ no risk of early clogging, ■ fewer filter changes.
Fixed filter media.	No leakage due to torn media: ■ fewer risks of engine malfunctions, ■ fewer repairs.
Maintenance instructions.	Explain when and how to change the filter: ■ increased confidence, ■ reduced costs.

Key arguments

Rubber seal

- Optimal sealing compared to a competitor's filter.
- Motor protection.

Renault Trucks uses a polyurethane rubber seal, while many adaptable air filters are fitted with a simple foam rubber seal whose sealing performance is less efficient.

In this case, the air and its contaminants pass through the gasket, bypassing the filter, and can ultimately degrade the engine.

Fixed filter media with extended surface

- High dust retention capacity.
- No risk of premature clogging.
- Optimizes performance and regulates pollution rates.
- Less risk of engine malfunction and abrasion.
- Longer filter change intervals.

Throughout the year, with the concentration of pollen in spring, traffic jams on the road to vacation, humidity in winter, trips in town, the air filter quickly clogs up. However, a clogged, clogged filter cannot ensure an optimal composition of the air-fuel mixture, with consequences on engine performance:

- Overconsumption of the order of 10%;
- Degradation of the injection.

A Renault Trucks Genuine engine air filter meets very strict specifications in order to:

- Stop dust and impurities contained in the intake air;
- Ensure a permanent supply of clean air to the engine in the correct quantity (the combustion of each liter of diesel consumes more than 13,000 liters of air);
- Ensure optimum engine protection, fuel consumption and adequate pollutant emissions.

Quality assembly process

- Robust construction of the air filter.
- Avoid jolts and friction.

Renault Trucks uses bonding lines on its filter to guarantee a robust construction. Thus, unlike some adaptable filters, it does not get damaged due to jolts or friction.

Filters available in filtration maintenance kit

- Around fifty filtration maintenance kits available to cover the entire range of Renault Trucks vehicles.
- The certainty of ordering all the parts recommended for vehicle maintenance at once.
- Simplicity and speed of management.

For greater simplicity in managing maintenance operations and in order not to forget any of the parts recommended for servicing your vehicle, consider Renault Trucks Genuine filtration maintenance kits, including engine air filters, which cover the entire range of Renault Trucks vehicles.

The service in addition

- 2 year warranty (parts, labor, repair and towing).
- Start & Drive contracts for appropriate and safe maintenance.
- Packages to offer turnkey solutions to customers.

A wide range of services for all needs:

- The Start & Drive Reference, Performance and Excellence contracts: efficient and tailor-made maintenance;
- The personalized and scalable maintenance plan: to consider vehicle maintenance with complete peace of mind;
- Maintenance packages: packaged interventions with a price fixed in advance for billing without surprises;
- 24/7: for permanent mobility.

Customer benefits

Performance and efficiency

- Filtration level: 99.96%.
- Shelf life under normal conditions of use: 24 months.
- Dust retention capacity in the folds: 3 kg.

Renault Trucks air filters can be used for up to 24 months under normal conditions of use, thus providing increased service life and therefore, compared to an adaptable filter, higher operational efficiency and reduced maintenance costs.

Serenity

- Self-extinguishing property of the flame retardant filter.
- A 2-year warranty (parts, labor, repair and towing).
- Availability of parts.
- Filters available in kit.

The fireproof air filter ensures optimum safety thanks to its self-extinguishing properties (extinguishes in the event of a fire), corresponding to DIN 53438 - Class F1.

A 2-year warranty is provided on parts, labor, repair and towing.

All the parts the customer needs are available to ensure a quality repair.

The possibility of ordering the filters in kit form allows a more serene management of the maintenance activities of the customer's vehicle.

Quality of an original part

- Corresponds to the specifications of the Renault Trucks air filtration system.
- Best possible protection against engine dust.

Even when choosing an air filter from a known brand of adaptable parts, it is not guaranteed that it will meet the specifications of the Renault Trucks air filtration system, unlike an original part.

In addition, the media of Renault Trucks air filters is flame retardant (in accordance with DIN 53438 - Class F1), which is not always the case with adaptable filters.

The Renault Trucks air filter provides the best possible protection against dust to the engine.