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RENAULT
TRUCKS
DELIVER

PRODUCT
TECHNICAL AND COMMERCIAL KNOWLEDGE

ALL ABOUT REAR-VIEW MIRRORS



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Renault Trucks SAS with a capital of 50 000 000 € - 954 506 077 RCS Lyon - Crédit photos : © Renault Trucks - 04/2017 - © C&Bproject



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FACT

The purpose of rear-view mirrors is to give the driver indirect visibility applicable for the legislations in all markets. Mirrors also facilitate direct visibility by covering as little as possible of the driver's direct view.

Rear-view mirrors, also known as review mirrors (class II - the large mirrors that drivers use to see the road behind them, and class IV - the wide angle mirror) facilitate the view behind and to the side of the vehicle. Apart from the main differences between left- and right hand driven trucks, these mirrors are provided in different varieties with and without electrical heating and electrical operation, both for class II and IV. Parts of the mirrors can be painted.

FEATURES	BENEFITS
New design for excellent visibility.	■ Improved safety.
Robust design.	■ Better durability and reliability of the mirror i.e. a long service life. ■ Ensures uptime.
Choice of complete assembly or mirror parts.	■ Keeps repairing costs down. ■ Ensures uptime.
Designed for maximized maintainability.	■ Ensures uptime.
Designed for recyclability.	■ Minimizes environmental impact.



BETTER DURABILITY AND RELIABILITY FOR A LONGER SERVICE LIFE



DESIGNED TO FIT THE TRUCK PERFECTLY

THE PROMISE OF A GENUINE RENAULT TRUCKS PART

1 | DURABILITY AND RELIABILITY

Genuine Renault Trucks' mirrors are designed for strength and to be able to withstand rough handling. They can handle rough conditions, so as to exceed a customer's expectations. All of the controls are distinctly smooth: no significant deterioration of function is acceptable over time. When driving the truck – on all roads – no noticeable movements relative to the truck's body are permitted from the mirror.

2 | MAINTAINABILITY AND ECONOMY

Mirrors are designed in order to minimize the need for regular service and maintenance. Complete parts and modules are easy to remove, in order to improve uptime. New mirror glass can be changed in six minutes or less, for main mirrors. Component parts are available as spares in order to minimize costs for the customer, as well as the overall environmental impact. Complete mirrors are also available as Genuine Renault Trucks parts.

REAR-VIEW MIRRORS - HOW IT WORKS

For the aftermarket, complete mirrors are offered as well as mirror spare parts. Genuine Renault Trucks' mirrors have been designed so as not to obstruct direct visibility. Buying Genuine Renault Trucks' mirrors does not only provide a qualitative product – it's also a safety concern.

Genuine Renault Trucks' mirrors are easy to adjust, suiting the requirements of different drivers, and can fold in easily to fit into narrow spaces, also facilitating transportation in trains and in Euro-trailers. For the average driver with a normally adjusted mirror, the mirror's field of vision covers the side of the trailer/body, the top of the trailer/body and the rear wheels of the truck and trailer – as well as meeting legal and legislative requirements. The vertical inner edge of the mirror's glass – i.e. the side of the trailer seen in the mirror – is parallel to the mirror's edge.

The mirrors have good aerodynamic characteristics, and are designed not to vibrate. The design of the mirror and mounting bracket has been optimised to deflect dirt from the cab and the mirror glass, as well as reducing fuel consumption and minimizing wind noise.

Genuine Renault Trucks' mirrors fit the trucks perfectly.

EXTENSIVE TESTING

In order to ensure that the mirrors comply with Renault Trucks' strict quality requirements they have been subjected to extensive testing.

- A mirror-specific soiling test is carried out. The soiling characteristics of a mirror are determined by subjecting it to simulated road spray, mounted on a vehicle, in a controlled wind tunnel.
- To test the mirror's longevity, a lifetime road simulation test (an endurance test at Renault Trucks' test ground, with a duration of six months) is performed. The cab is subjected to road- and engine-related vibration, simulating a ten-year vehicle lifespan. The following drive conditions are evaluated: engine idle, engine sweep, vehicle back- up, speeds of up to 110 km/h on highway, strong cross winds and wind gusts. After completion of the specified test procedures, all components of the mirror have to be functional. Cracks and permanent deformation are not permitted.

ENVIRONMENT

During the design and development of the mirrors, considerable significance has been given to environmental impact. Our suppliers follow tough quality requirements regarding the materials and substances used, as well as surface treatments.

Renault Trucks does not tolerate any use of prohibited materials in its products. Significant attention is also given to the extent that the products can be recycled, something that affects the materials that can be used, alongside accessibility and the ease of dismantling of functions and components.

SERVICE

To guarantee the highest quality functionality, and optimum service life of the mirrors, we strongly recommend the following skills, competence, tools and equipment:

- Ability to use Renault Trucks Service information in order to be able to apply the correct and safe service procedures.
- Use of Renault Trucks Service information regarding all required parts needed for service, to plan and perform the operation with no waiting time for additional parts that may be required and by that having more uptime.

Only by having Genuine Renault Trucks parts fitted in an authorized Renault Trucks workshop, by a fully trained technician, can the best possible levels of service, uptime and efficiency be ensured.

PRACTICAL ADVICE

MAXIMISE THE SALE

- Propose to change both mirrors.
- Propose cleaning products.

RENAULT FITTED-PART

- One year warranty.
- Fitted by Renault Trucks trained technicians.

RENAULT TRUCKS 24/7

- Professional roadside assistance 24 hrs a day, 7 days a week, 365 days a year.
- Dedicated to getting customers' trucks back on the road with minimum delay.