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We recommend Renault Trucks Oils

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RENAULT
TRUCKS
DELIVER

ALL ABOUT DRIVE BELTS

PRODUCT
TECHNICAL AND COMMERCIAL KNOWLEDGE



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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

Renault Trucks' demands for increased reliability and longer service intervals, and a trend towards lighter, more compact engines and higher engine power, encourages the development of new types of drive belt.

Engine developers' demands for small pulley dimensions, high belt speeds and flexibility have resulted in the gradual introduction of low-profile multi-groove belts. Despite this, the proven Renault Trucks toothed belts are not out of date.

TOOTHED DRIVE BELTS

FEATURES	BENEFITS
Fibres in the transverse direction of the belt.	■ Develop less heat and last longer.
Raw-cut edges.	■ Low wear for less time off the road and less expense.
Toothed inside.	■ Increases durability, which results in fewer changes.
Matched to Renault Trucks pulleys.	■ Results in exact fit and maximum tractive force, which brings increased profitability and operating economy.
Stretch-free cord.	■ Belt adjustments are avoided. ■ Less time off the road, fewer breakdowns.
Paired belts.	■ Accurately shared tractive force with less risk of breakage.

LOW-PROFILE MULTI-GROOVE BELTS

FEATURES	BENEFITS
Low belt profile.	■ Give long life.
Matched to Renault Trucks pulleys.	■ Give maximum tension without slipping, avoid breakdowns, so cutting costs.
Multi-groove design.	■ Handle high power transmission.
Extra flexible.	■ Low internal friction increases life.



LOW-PROFILE MULTI-GROOVE BELTS

1 | Higher traction

Designers' demands for small pulley diameters, high belt speeds and flexibility have resulted in a new type of belt, the low-profile multi-groove belt. A low-profile belt can handle far more pull than a standard belt.

2 | Longer life

It bends 25% more easily than a standard belt and gives less friction. This means that a belt life of 400,000 km or more is possible.

3 | Improved pliability

To achieve high pliability the multi-groove belt contains reinforcement of fine-threaded synthetic fibre cord.



EXTRA FLEXIBLE
FOR A LONGER
SERVICE LIFE
AND SAFETY

RECOMMENDED ADDITIONAL PARTS

The idler pulley should be changed at the same time as the tensioner. Drive belts are also to be changed when tensioners and idlers.

THE PROMISE OF A GENUINE RENAULT TRUCKS PART

TOOTHED DRIVE BELTS

1 | Special rubber which is more pliable lengthwise

The fibres in the rubber mass are oriented in the same transverse direction by a unique process so that the belt can bend easily and flexibly.

2 | Raw-cut edges increase pliability

Many drive belts still have fabric around the belt. This interferes with mobility. Renault Trucks belts have clean-cut sides. This significantly increases the pliability of the belt.

3 | Toothed inside improves flexibility even more

The toothed inside means that Renault Trucks belts wrap more easily around the pulleys. The easier the belt is to bend, the less friction heat is generated in the belt. Less friction heat means longer belt life.

4 | Unique cord stops the belt stretching

Special reinforcement and treatment of the belt makes Renault Trucks genuine belts dimensionally stable. They do not stretch with time, so there is no need for constant adjustment. The belts perform securely from the first revolution for hundreds of thousands of kilometers.

5 | Exact length and width

This is very important for paired belts. Each belt must transmit exactly the same tension (pull) to ensure maximum power and to reduce the risk of cutting. Exact dimensions mean longer life and increased safety.

PRACTICAL ADVICE

Avoid to forget something, order "all in one" belt tensioner kits!

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.