

ReNEWed® Fuel Injectors Ensure Long Life with Proper Maintenance

MODELS: VT365, DT466, HT570 (2004 EMISSIONS)

As emissions requirements become more stringent, diesel engine fuel injectors are required to deliver fuel with greater precision than ever before. Great precision means higher pressures, tighter tolerances and greater complexity.

ReNEWed® fuel injectors rely on a hydraulic system where high-pressure engine oil is used to compress diesel fuel. The higher the quality and cleanliness of your oil, the better your fuel delivery. How do you ensure optimal injector durability? Follow appropriate maintenance intervals and use the proper original equipment parts.



WHAT ARE THE APPROPRIATE MAINTENANCE INTERVALS?

Your engine usage will dictate appropriate maintenance intervals. Some vehicles are used in high-mileage, low-load applications, while others are used for heavy-load, high-idle jobs. To determine proper maintenance intervals, first know how your vehicle is used. In applications with high idle times, perform maintenance based on engine hours as opposed to miles. For low-idle applications, perform maintenance based on miles. Check your owner's manual for more details.

WHAT ARE THE PROPER OIL CHANGE INTERVALS?

The quality of the oil directly affects the performance of the injector. Having the proper weight oil and performing proper maintenance are important to achieve optimal performance, power and fuel economy. The chart below shows recommended oil change intervals.

RECOMMENDED OIL CHANGE INTERVALS*		
VT365	DT466 & HT570	
All Applications	Equipped with Drive/Steering Axle	Not Equipped with Drive/Steering Axle
10,000 miles or	12,000 miles or	15,000 miles or
6 months or	6 months or	6 months or
350 Engine Hours or	450 Engine Hours	550 Engine Hours
1000 Gallons of Fuel		

*whichever comes first

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FUEL FILTER MAINTENANCE IS ALSO CRITICAL

Replace your fuel filter at every other oil change. Doing so will help ensure adequate fuel pressure. As diesel fuel is supplied to the injector, it acts as a lubricant. It also acts as a cushion, preventing metal-on-metal contact of the internal components. If adequate fuel pressure is not maintained, the internal components can wear down, and lead to poor injection timing or, even worse, injector failure.

THE BOTTOM LINE?

Following the recommended maintenance intervals and using the proper oil and fuel filters will allow your ReNEWed® fuel injectors to provide the power and performance you demand. Remember:

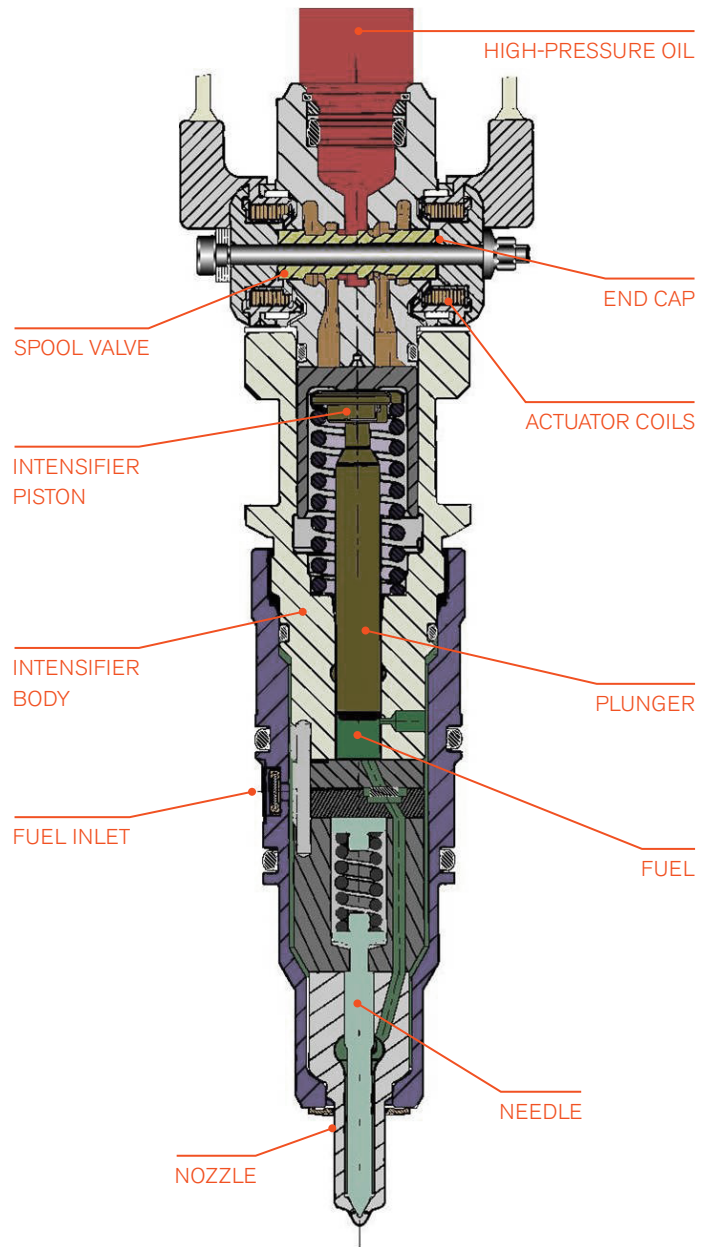
- If you properly maintain the oil and fuel systems, you'll get optimal injector durability.
- Clean oil is necessary to protect the precise internal components, while adequate base fuel pressure lubricates and cushions plungers.
- Based on your driving habits and vehicle configuration, perform maintenance at the proper schedule.
- In applications with high idle times, perform maintenance based on engine hours as opposed to miles.

WE'VE GOT YOU COVERED.

Rely on a one-year/unlimited miles, parts and labor warranty if your ReNEWed® fuel injector is installed by an authorized International dealer (parts-only warranty if not installed by an authorized dealer).

REBUILT VS. ReNEWed®

Don't confuse the two. Rebuilt fuel injectors are usually done in a local shop—and standards vary widely. Rebuilders do not have access to engineering prints or design improvements. Many times, rebuilders replace only obviously worn or broken parts and simply clean and reuse what's left. Conversely, ReNEWed® injectors are remanufactured at the same plant as the original equipment manufacturer (OEM) injectors. You can trust ReNEWed products, which are backed by OEM engineering and manufacturing processes, to give you the peace of mind you need to keep your business growing.



ReNEWed® MONEY IN YOUR POCKET. RELIABILITY IN YOUR VEHICLE.

For more information, contact your International dealer or call 1.800.44.TRUCK or visit www.navistarpartsandservice.com.

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