



## 07.07.2022 200,000 Cylinder-head Gaskets a Year: TRATON opts for Victor Reinz® Sealing Technology

Dana is fitting TRATON's new line of 13-liter engines with cylinder-head gaskets from Victor Reinz®. Serial production launched at Dana in Neu-Ulm will be ramped up to around 200,000 cylinder-head gaskets a year by 2025. TRATON describes the new engine (abbreviated "CBE" for "Common Base Engine") as a bridge technology that will set standards in all of the group's heavy trucks. This means CHGs made by Victor Reinz are being used in all trucks and buses of the TRATON brands Scania, Navistar and MAN worldwide.

### From MAN to Scania

Dana Neu-Ulm has been working as an OE partner for MAN for many years. The successful projects for MAN quickly led to rapid as a potential CHG development partner at its sister company Scania. Since being nominated in 2017, the gasket specialists from Dana Neu-Ulm have been involved in the development of the new global engine platform which Scania is spearheading for TRATON. The cylinder-head

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**Publisher**

Dana Power Technologies  
REINZ-Dichtungs-GmbH  
Reinzstraße 3-7 | 89233 Neu-Ulm  
Phone +49 731 7046-0  
Fax +49 731 719089  
[www.reinz.com](http://www.reinz.com)

**Contact**

Carolin Sailer  
Team Manager  
Communication & Marketing  
Phone +49 731 7046-407  
Fax +49 731 7046-400  
[carolin.sailer@dana.com](mailto:carolin.sailer@dana.com)



gasket for the 13-liter six-cylinder in-line engine is an important component of the Scania Super engine.

Combustion chamber rings and fully automated manufacturing processes

The Victor Reinz brand cylinder-head gasket for the new TRATON engine line is a single-layer gasket with welded-in three-layer combustion chamber rings. The main layer is made of structural steel; only the middle layer of the combustion chamber rings is made of stainless steel. This design ensures elastic sealing by the stainless steel middle layer while reducing material costs. The welded-in combustion chamber rings also yield another design and sealing advantage. The gasket rests precisely with its rings on the bushings, providing an excellent bushing seal. For the first time, all rubber elements of the metal-elastomer gasket are molded on in a single production step. As such, the production line is optimally designed to handle the high volumes of approx. 200,000 cylinder-head gaskets per year. The efficient injection process and fully automated production also reduce production costs. The cylinder-head gasket is 1,000 × 250 x 1.2 mm in size.

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**VICTOR REINZ®**

*Sealing Products*

Scania, Navistar, MAN – all on the road with Victor Reinz

All of Scania's heavy trucks and buses in Europe and South America are soon to be running on the 13-liter engine from the new series from TRATON. Navistar will be following in the US in 2023, and MAN will be switching to the common base engine in 2025. By then, the cylinder-head gasket from Dana in Neu-Ulm will have become one of the most widely installed truck cylinder-head gaskets in the world.

Twice as big

In just ten years, Dana has doubled its production of cylinder head gaskets for trucks and buses at Dana in Neu-Ulm, from 2012 to 2022.

Contents from site: <https://www.reinz.com/EN/NEWS/Press-News.aspx?conseq=3355>

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