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Rheinmetall subsidiary books order for on-road trucks

Valves for Chinese-American manufacturer

Through its group subsidiary Pierburg, Rheinmetall Automotive has been awarded by a Chinese-American engine manufacturer an order with a life-time volume worth over €71 million.

The Beijing-based manufacturer has ordered electronically controlled back-pressure valves for truck engines of 12 and 13 Liters displacement. These valves play a part in the chain of mechatronic emission-control components and specifically in applications designed to address today's strict exhaust standards.

Developed by Pierburg, the valves will be going into production as from 2019. True to the principle of "local for local", the production site is Pierburg GmbH's Chinese plant in Kunshan specifically set up for supplying the Chinese market.

These back-press exhaust-gas valves perform a variety of emission-control functions on today's engines. They increase the necessary pressure gradient for improved exhaust-gas recirculation rates, they handle thermal management for the SCR system, and they can assist in regenerating diesel particle filters. Also and as required, they are used for noise optimization on the exhaust system and assisting the engine braking function.