



BorgWarner's EGR Technology Helps Global OEM Work Toward a Cleaner Gasoline Future

- *Company supporting customers ahead of tough new BS VI and CAFE regulations*
- *EGR cooler and tube to be used on new 1.5-liter gasoline engine*
- *BorgWarner selected as technology partner as India shifts focus from diesel*

Auburn Hills, Michigan, February 4, 2020 – As India moves the passenger car focus from diesel to gasoline, BorgWarner is supporting customers in the region with proven technologies designed to deliver improved fuel economy and reduced emissions in preparation for tougher BS VI emission and CAFE (Corporate Average Fuel Economy) regulations. BorgWarner has been supplying a market leading Indian passenger car manufacturer with EGR coolers and EGR tubes for 1.3-liter diesel engines since 2008, helping the company achieve BS IV emission standards. Now the company is supplying newly developed components for a new 1.5-liter gasoline engine, designed to meet BS VI emission norms. The new cooler will be manufactured using hybrid tube technology, which is best suited for gasoline engines due to their high performance requirements. Production is expected to start in 2021. BorgWarner will also supply the components to the manufacturer's European plant, production there is expected to start in 2020.

“For BorgWarner, product leadership means staying ahead of market trends and having global, proven solutions suited to the demands of local OEMs,” said Joe Fadool, President and General Manager, BorgWarner Emissions, Thermal and Turbo Systems. “Our gasoline EGR systems are supporting customers in India with localized solutions as they pursue improved fuel economy and emissions standards.”

BorgWarner's EGR cooler technology employs highly corrosion-resistant, stainless-steel hybrid tubes inside the cooler to quickly reduce the temperature of hot exhaust gases from 875 degrees Celsius to 150 degrees Celsius. The specially shaped high-density gasoline fin design

keeps a high heat transfer rate with very low loss of pressure in the exhaust gases. Built for durability and performance, BorgWarner's advanced EGR cooler is a compact, cost-effective and easy-to-install technology engineered to reduce emissions and improve fuel economy.

The EGR tube and EGR cooler will help the automaker to meet India's CAFE CO₂ emission standards currently set at 130 g/km but falling to 113 g/km by 2022.

About BorgWarner

BorgWarner Inc. (NYSE: BWA) is a global product leader in clean and efficient technology solutions for combustion, hybrid and electric vehicles. With manufacturing and technical facilities in 67 locations in 19 countries, the company employs approximately 30,000 worldwide. For more information, please visit borgwarner.com.



BorgWarner's EGR cooler and tube are going to be used on a new 1.5-liter gasoline engine.

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PR contact:

Michelle Collins

Phone: +1 248-754-0449

Email: mediacontact@borgwarner.com