



BorgWarner's High-Voltage Coolant Heater Improves Battery Efficiency for Geely Holding Group's Premium Pure Electric Model

- *BorgWarner will supply ZEEKR 001*
- *High-voltage Coolant Heater (HVCH) enables improved battery performance, longer range and comfortable cabin climate*
- *Cost-effective solution featuring compact and modular design, high thermal power density and fast response time*

Auburn Hill, Michigan, August 3, 2021 - BorgWarner, a global leader in delivering innovative and sustainable mobility solutions for the vehicle market, has entered into a partnership with ZEEKR Intelligent Technology Co., Ltd. (hereinafter referred to as ZEEKR), owned by Geely Holding Group (hereinafter referred to as Geely). BorgWarner plans to supply its advanced High-voltage Coolant Heater (HVCH) to ZEEKR's new ZEEKR 001 electric sedan.

The HVCH technology was developed to meet the demand for fast-acting solutions as the thermal management systems of vehicles increasingly become decoupled from the internal combustion engine, permanently in the case of electric vehicles (EVs) and for longer parts of the drive cycle in hybrid electric vehicles (HEVs). By offering consistent temperature distribution inside the battery pack and its cells, BorgWarner's coolant heaters can be used for improving battery energy performance in EVs and HEVs. In addition it allows comfortable cabin temperatures to be generated in a short time enabling a better driving and passenger experience. With high thermal power density and fast response time due to their low thermal mass, these heaters also extend pure electric driving range as they use less power from the battery.

"We are excited to offer our innovative heater technology, which solves two problems in a single device, to ZEEKR 001. Our High-voltage Coolant Heater will help them improve battery-operated range by controlling the battery temperature at an optimal level while also increasing passenger comfort through delivering an ideal interior climate," said Joe Fadool, President and

General Manager, BorgWarner Emissions, Thermal and Turbo Systems. BorgWarner’s extensive range of advanced battery and cabin heater systems are widely recognized by global OEMs as they improve the efficiency of their cars and help them meet the latest clean mobility trends.”

The HVCH uses the latest thick film element (TFE) technology. Developed to meet demand for high-performance systems that quickly generate heat, the HVCH’s heating elements are immersed in coolant so that power losses are minimized. Moreover, the technology allows for direct temperature sensing. The HVCH is available in two versions – single plate and dual plate – both integrated into robust aluminum housings that provide excellent electromagnetic shielding. Suitable for applications with supply voltages between 180 and 800 volts, the HVCH offers a power range of 3 to 10 kW. The devices are protected from overheating, as the system switches off automatically in the event a failure occurring.

The new ZEEKR 001 equipped with BorgWarner’s HVCH is scheduled to start production in the second half of 2021.

About BorgWarner

BorgWarner Inc. (NYSE: BWA) is a global product leader in delivering innovative and sustainable mobility solutions for the vehicle market. Building on its original equipment expertise, BorgWarner also brings market leading product and service solutions to the global aftermarket. With manufacturing and technical facilities in 96 locations in 23 countries, the company employs approximately 50,000 people worldwide. For more information, please visit borgwarner.com.



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“evaluates,” “expects,” “forecasts,” “goal,” “guidance,” “initiative,” “intends,” “may,” “outlook,” “plans,” “potential,” “predicts,” “project,” “pursue,” “seek,” “should,” “target,” “when,” “will,” “would,” and variations of such words and similar expressions are intended to identify such forward-looking statements. Further, all statements, other than statements of historical fact contained or incorporated by reference in this press release that we expect or anticipate will or may occur in the future regarding our financial position, business strategy and measures to implement that strategy, including changes to operations, competitive strengths, goals, expansion and growth of our business and operations, plans, references to future success and other such matters, are forward looking statements. Accounting estimates, such as those described under the heading “Critical Accounting Policies and Estimates” in Item 7 of our Annual Report on Form 10-K for the year ended December 31, 2020 (“Form 10-K”), are inherently forward-looking. All forward-looking statements are based on assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions and expected future developments, as well as other factors we believe are appropriate in the circumstances. Forward-looking statements are not guarantees of performance, and the Company’s actual results may differ materially from those expressed, projected or implied in or by the forward-looking statements.

You should not place undue reliance on these forward-looking statements, which speak only as of the date of this press release. Forward-looking statements are subject to risks and uncertainties, many of which are difficult to predict and generally beyond our control, that could cause actual results to differ materially from those expressed, projected or implied in or by the forward-looking statements. These risks and uncertainties, among others, include: the difficulty in forecasting margin performance and free cash flow through 2025 in light of the variables that can impact those results over that period of time; the difficulty in forecasting demand for electric vehicles and our EV revenue growth by to 2030, which is long term; margin performance and free cash flow through 2025; the ability to identify targets and consummate acquisitions on acceptable terms; failure to realize the expected benefits of acquisitions; the ability to identify appropriate combustion portfolio businesses for disposition and consummate planned dispositions on acceptable terms; competition competitive challenges from existing and new competitors including from OEMs customers; the challenges associated with rapidly-changing technologies, particularly as relates to electric vehicles, and our ability to innovate in response; the ability to innovate; uncertainties regarding the extent and duration of impacts of matters associated with COVID-19, including additional production disruptions; the failure to realize the expected benefits of the acquisition of Delphi Technologies PLC that the Company completed on October 1, 2020; the failure to promptly and effectively integrate acquired businesses; the potential for unknown or inestimable liabilities relating to the acquired businesses; the possibility that the proposed transaction between the Company and AKASOL AG will not be consummated; failure to obtain necessary regulatory approvals or to satisfy any of the other conditions to the proposed transaction; failure to realize the expected benefits of the proposed transaction; our dependence on automotive and truck production, both of which are highly cyclical and subject to disruptions; our reliance on major OEM customers; commodities availability and pricing; supply disruptions; fluctuations in interest rates and foreign currency exchange rates; availability of credit; our dependence on key management; our dependence on information systems; the uncertainty of the global economic environment; the outcome of existing or any future legal proceedings, including litigation with respect to various claims; future changes in laws and regulations, including, by way of example, tariffs, in the countries in which we operate; impacts from any potential future acquisition or divestiture transactions; and the other risks noted in reports that we file with the Securities and Exchange Commission, including Item 1A, “Risk Factors” in our most recently-filed Form 10-K. We do not undertake any obligation to update or announce publicly any updates to or revisions to any of the forward-looking statements in this press release to reflect any change in our expectations or any change in events, conditions, circumstances, or assumptions underlying the statements.

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