

BorgWarner décroche un nouveau projet de différentiel croisé électrique pour véhicules électriques en Chine

- *BorgWarner renforce sa présence sur le marché des véhicules électriques en Chine*
- *Le différentiel croisé électrique (eXD) sera désormais utilisé dans les véhicules électriques*
- *La technologie eXD améliore la tenue de route et la motricité*

Auburn Hills, Michigan, 31 juillet 2025 – BorgWarner a obtenu un nouveau contrat pour sa technologie de différentiel croisé électrique (eXD), qui sera utilisée par un important constructeur automobile chinois (OEM) dans des véhicules électriques destinés au marché chinois. Alors que le marché des véhicules électriques évolue rapidement, les technologies de transmission traditionnelles laissent place à des solutions d'électrification avancées, répondant aux exigences croissantes en matière de performance et de sécurité. En contrôlant dynamiquement la répartition de la puissance entre les roues, le système eXD améliore la tenue de route et la motricité.

« La technologie eXD de BorgWarner améliore la stabilité et le comportement du véhicule dans diverses conditions de conduite », explique Isabelle McKenzie, vice-présidente de BorgWarner Inc. et présidente-directrice générale de la division Drivetrain and Morse Systems. « Cette technologie a déjà fait ses preuves dans des véhicules thermiques haute performance, et nous étendons désormais son application aux véhicules électriques afin d'enrichir l'expérience de conduite. »

Le différentiel croisé électrique ajuste dynamiquement le contrôle du patinage en fonction des conditions de conduite en temps réel et de l'état du véhicule, renforçant ainsi la stabilité lors de la conduite à grande vitesse, des accélérations rapides et des virages serrés.

De plus, le système eXD offre d'excellentes performances de tenue de route sur des surfaces à différents niveaux d'adhérence. Par exemple, sur route sèche, une friction plus élevée permet un meilleur grip, ce qui permet au système de transférer davantage de puissance aux

roues extérieures pour améliorer la tenue en virage. En conditions glissantes – comme sur la glace, la neige ou la boue – le système détecte rapidement la perte d'adhérence et limite la puissance transmise aux roues qui patinent, redirigeant la force motrice vers celles qui offrent une meilleure traction, assurant ainsi stabilité et contrôle.

À propos de BorgWarner

Depuis plus de 130 ans, BorgWarner, leader mondial, innove avec succès dans le domaine de la mobilité. Nous mettons l'accent sur le développement durable et contribuons à construire un avenir plus propre, plus sain et plus sûr pour tous.



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You should not place undue reliance on these forward-looking statements, which speak only as of the date of this 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: supply disruptions impacting us or our customers, commodity availability and pricing, and an inability to achieve expected levels of recoverability in commercial negotiations with customers concerning these costs; competitive challenges from existing and new competitors, including original equipment manufacturer (“OEM”) customers; the challenges associated with rapidly changing technologies, particularly as they relate to electric vehicles, and our ability to innovate in response; the difficulty in forecasting demand for electric vehicles and our electric vehicles revenue growth; potential disruptions in the global economy caused by wars or other geopolitical conflicts; the ability to identify targets and consummate acquisitions on acceptable terms; failure to realize the expected benefits of acquisitions on a timely basis; the possibility that our 2023 tax-free spin-off of our former Fuel Systems and Aftermarket segments into a separate publicly traded company will not achieve its intended benefits; the failure to promptly and effectively integrate acquired businesses; the potential for unknown or inestimable liabilities relating to the acquired businesses; impacts of our exit of the charging business; our dependence on automotive and truck production and is highly cyclical and subject to disruptions; our reliance on major OEM customers; impacts of any future strikes involving some of our OEM customers and any actions such OEM customers take in response; fluctuations in interest rates and foreign currency exchange rates; our dependence on information systems; the uncertainty of the global economic environment; the uncertainty surrounding global trade policies, including tariffs and export restrictions, and their impacts on the Company, its customers and suppliers and the economies in which the Company operates; the outcome of existing or any future legal proceedings, including litigation with respect to various claims, or governmental investigations, including related litigation; future changes in laws and regulations, including, by way of example, taxes and tariffs, in the countries in which we operate; impacts from any potential future acquisition or disposition 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 and/or Quarterly Report on Form 10-Q. 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 release to reflect any change in our expectations or any change in events, conditions, circumstances, or assumptions underlying the statements.

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