



FOR IMMEDIATE RELEASE

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JTEKT Features Latest Steer by Wire Technology at NAIAS

Detroit, M.I.— JTEKT is highlighting its Steer by Wire (SbW) technology in an interactive display in the company’s booth in the AUTOMOBILI-D Hall at the 2019 North American International Auto Show. SbW, both Linkless and with clutch options, is an innovation currently under development among JTEKT’s robust steering systems capabilities.

What is Steer by Wire (SbW)

Typical power steering systems have gears that connect the steering wheel to the wheels of the vehicle mechanically. SbW is a steering system in which the steering wheel is not mechanically connected to the wheels of the vehicle and uses sensors and data transfer through wires to tell the vehicle how to behave based on user input.

Benefits

- Allows flexibility in the cabin design independent of the vehicle chassis:
 - Right hand drive or Left hand drive
 - Autonomous driving support by stowing or retracting the steering wheel.
- Capability to reproduce road feedback to simulate standard steering gear

JTEKT Innovations and Targets

- JTEKT has completed the advanced development of SbW with clutch.
- Linkless with Excellent steering feel is target development.

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