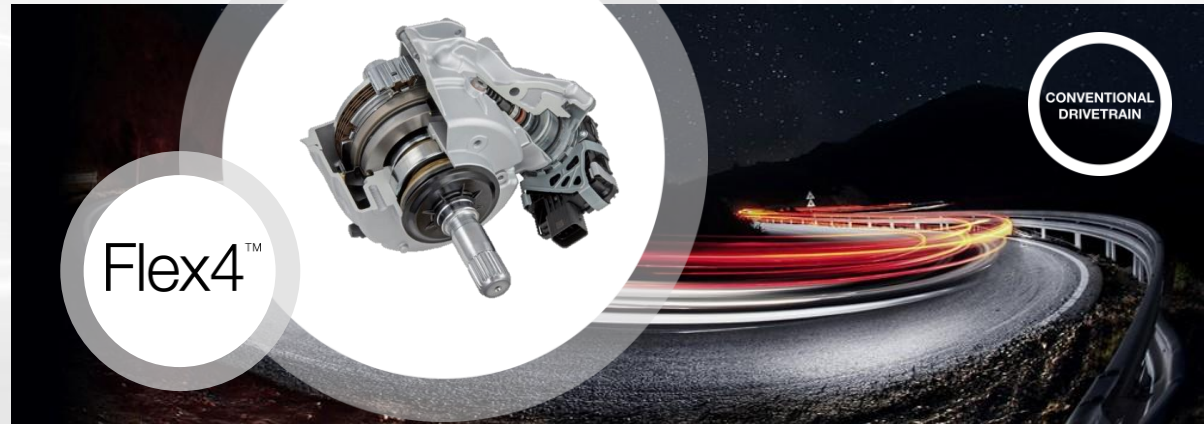


Flex4™ Coupling

Magna Powertrain's Flex4™ coupling technology utilizes a multi-plate wet clutch with electromechanical actuation to control torque distribution between the front and rear axles.



Features and Specifications

Compatible with AWD & 4WD architectures

- RDM's, Tcases, Transmissions
- Hang-on configuration

Technical features

- Engagement time: <100 msec (90% full torque)
- Scalable torque capacity: 800 Nm to 1500 Nm
- Designed to be fully compatible with a driveline disconnect device
- Optimized for extremely low drag torque while offering superior torque accuracy

Competitive advantage/differentiators

- Ultra-fast disconnect / reconnect process
- Preemptively switches between true 2WD and AWD/4WD modes
- Provides both automatic and driver forced activation

Applications

- All-Wheel Drive (AWD)
- Four-Wheel Drive (4WD)

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production