

# ActiMax™ Chain Drive Active Transfer Case

Magna Powertrain's ActiMax™ Transfer Case is a single-speed active transfer case with a multi-plate wet clutch (optimized for high performance applications) and electromechanical ball ramp type actuation. This fully active system allows for clearly differentiable driving modes (e.g. Eco, Auto, Sport,..) and for different vehicle characteristics to be achieved using the same hardware (mechanical and electrical).



### Features and Specifications

Chain drive front output, which provides the most cost-effective solution.

- Efficient mode to further improve fuel efficiency
- Pumpless design
- High torque accuracy and fast response time
- 1300 Nm nominal clutch torque capacity
- Center distance: 185.7 mm
- Front output integrated cardan joint
- Left hand drop

### Competitive advantage/differentiators

- **Efficiency**  
-15% spin loss at 50 °C / 50 kph
- **Safety**  
Wheel speed control enabling optimized **stability control**
- **Convenience**  
3 distinct 4WD driving modes
- **Dynamics**  
-25 % clutch friction energy input

### Applications

- Cars (> D Segment), SUVs, Pickup Trucks

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production