

LATEST MAGNA POWERTRAIN SOLUTIONS

Magna DHD Duo Demonstrator Vehicle

HEV Powertrain Solution

- Minimum mechanical complexity
- Best-in-class torque to weight ratio
- Class-leading transmission efficiency
- Scalable design and number of gears
- Customizable hybrid architecture
- >30% fuel reduction @ WLTC



EFFICIENCY



CONVENIENCE

Dedicated Hybrid Drive DHD Duo

Front Axle



Double Inverter

- Highly integrated double inverter with integrated TCU

Two E-motor Design

- High-efficient oil-cooled PSM e-motors integrated in transmission housing



Architecture

- Wide range of scalable options REEV to multi-speed system, P1/3 or P2/3 topology with serial, parallel driving mode. Less complexity of dog clutch design

Pre-Development

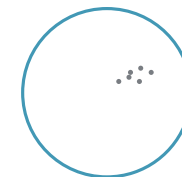
Released for Acquisition

Serial Development

Serial Production



EFFICIENCY



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