## Ride Performance Technology Roadmap

**Product Cost Leadership**
- Thin Wall Lightweight Monotube
- Aluminum Dual Tube Seat Damper
- Best Cost CVSA Shock
- RV+ (New Global Rod-Displaced Valving)
- HD LCV Strut
- Ultra Low Cost Damper

**Superior Functionality**
- Thin Wall Lightweight Monotube
- CVS Double Path Mount (Cab Shock)
- Improved Monotube (Low Temperature)
- Global Hydraulic Rebound Stop
- New Double Tube Base Valve
- Global BOCS Valve
- Lightweight Heavy-Duty Torque Rods
- Lightweight Top Mounts
- Frequency Dependent Damping (FDD) Valving System
- New CVS 45mm Shock
- Plastic Spring Seat (for Struts)
- Exhaust Isolator Cartridge Mount
- Mini Shear Hub Exhaust Isolator
- Modular Coulomb Exhaust Damper
- RV+ (New Global Rod-Displaced Valving)
- MTV+ (Improved MTV Valve)
- Comfortmax Monotube
- Controlled Torque™ Spring and Shackle Bushings
- Aluminum Dual Tube Automotive Damper
- Hydroelastic™ Subframe Mounts
- CTrk Hydroelastic™ Cab Mount
- Next Gen Exhaust Isolators

**Advanced Technology**
- CVSA2 / Kinetic® with hydraulic leveling
- CVSA2 External Valve
- Gen2 Hydroelastic™ Body Mount
- Motorbike Electronic Shocks
- Dual Valve Semi-active Damper
- RC1 & RC2 (Uni- & Bi-directional ride comfort)
- Integrated Height Valve (for Cab)
- Dual Mode Damper
- Smart Actuator for Aftermarket
- NVH System Analysis Tools
- Semi-active Internal Valve
- Low-Cost Load & Aero Leveling
- DRIV® Digital Valve
- ACOCAR® Active Suspension System
- Smart Actuator for Passenger Car
- Intelligent Suspension System with Vision
- CVSA Next Generation

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**In production or production ready**
- Lightweight LV Elastomer NVH Solutions
- Lightweight CTrk Elastomer NVH Solutions

**In development – production ready in 2016 - 2019**
- Lightweight LV Elastomer NVH Solutions
- Lightweight CTrk Elastomer NVH Solutions

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