



iDamper™ Technical Specifications

iDamper™ Modular Adjustable Damper is a fully scalable, high performance damper product line for custom applications ranging from bicycle to heavy truck and military use.

Modular Damping Valve options enable custom configuration including manual, air-pressure proportional, and semi-active electronic control.

- Low-profile, body-integrated, easy-to-tune (EasyTune™) damping control valve enables 'good, better, best' options inside single SKU
- Highly configurable end mount options with many off-the-shelf isolators to choose from. Low cost custom-engineered solutions too
- ECU ISO 26262 / ISO16750 compliant
- Integrated height sensor eliminates need to install separate height sensor or linkages
- Triple-Tube Construction (steel standard, aluminum optional). Weld-on spring seats and threaded-body option available
- Optional displacement-sensitive damping available
- Optional Bluetooth and CAN communications

Target Applications

- Cab semi-active suspension: 2-damper+ECU
- Load assist air-pressure-proportional: 2 damper/ axle kit with air line and fittings
- Automotive OE semi-active primary 4 corner kit: 4-dampers + ECU
- Commercial seat suspension
- Heavy truck OE air-pressure-proportional: 2 damper/axle kit with air line and fittings
- Auto aftermarket 4 corner "coil-over" kit: upgradeable from passive to semi-active

For more information please contact a member of the AKTV8 Application Team at 1.855.77.AKTV8 (855.77.25888) or via the website.