

KYB NEWS

Development of “KADS”, an electronically controlled suspension system for motorcycles

KYB is announcing the launch of mass production for “KADS”*, an electronically controlled suspension system for motorcycles that integrates control technology and hydraulic technology. Its system introduces KYB’s original concept of the ‘Ground-Hook’, which provides the rider with a sensation of being grounded to the road (a feeling of security), just like a tire. This assists the driver’s skill, and contributes to high stability and controllability.

“KADS” is already scheduled to be installed in Yamaha Motor Co., Ltd.’s “TRACER9 GT” model.

Going forward, KYB will continue our efforts to develop new products and propose systems that respond to a diverse range of customer demands.

* KADS: KYB “Actimatic Damper System”. Actimatic is a term that combines the words active and automatic, expressing the high maneuverability obtained through automatic adjustments.

* “KADS” and “Actimatic Damper System” are trademarks of KYB.

■ Product Information

Technology that brings the ‘Ground-Hook’ concept to life



The ‘Ground-Hook’ concept is possible through the craftsmanship of each component and the related integrated control technology.



ECU (Electronic Control Unit)

With our newly developed original controls, ECUs detect the state of the vehicle in real time from multiple sensors installed onboard, and automatically adjust the suspension damping force to appropriately match the situation (such as driving, idling, or turning).



Suspension (Front fork/Rear-cushion unit)

With our newly developed solenoid valve, the suspension produces damping force over a wider range than conventionally possible at high reaction velocity.



■ Vehicle information



TRACER9 GT

For more information, please contact:

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