

Matris SDK/SDR steering damper designs

Italian suspension specialist Matris has been manufacturing some of the "best speed-sensitive dampers in the world for a long time" with a design that reacts to sudden movements by automatically increasing their damping without restricting movement at slow speeds.

The short wheelbases and high-performance engines of modern sportbikes, by their nature, are more inclined to "nervous, twitching movement", regardless of frame or suspension design.

Matris' new steering damper design improves the control the rider has of the front axle, damping all the oscillations and the rapid setting changes. The SDR and



SDR



SDK

SDR dampers are said to reduce shaking of the front wheel and provide greater safety at high speeds.

Matris steering dampers "offer 13 or 16 'active', fully adjustable, hydraulic damping options with calibrated holes and micrometric points of resistance and hardness - Matris' 'speed-sensitive' progressive hydraulic damping system". The twin tube system with titanium external cylinder and aluminium alloy coaxial internal cylinder and high tensile alloy steel single piston rod, hard chrome coating and lapped finish with PVD TIN (Titanium Nitride) surface treatment effectively delivers "zero" stiction - the friction which tends to prevent stationary surfaces from being set in motion. They have an external tank for controlled heat compensation of fluid expansion, pressurised with nitrogen gas for greater stability at high operating temperatures.

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HM Quickshifter Auto Blipper



Tiger 800
XD...

Noted British specialist HM Quickshifter, "a world-renowned leader in gear shift technology", has developed what it describes as a "cutting edge" "Quickshift-Auto Blipper" for the latest superbikes, delivering more gearshifts". Although the system can have race times for both racers and road riders can enjoy also a slick going both up and down the gears. Quickshift-Auto Blipper was presented at the Pirelli National Championship by the Tyco BMW team. Farmer to a hard-fought title. Developed as a direct replacement for OE equipment, the HM version offers improvements over the OE fitment - the difference is the use of an ultra-sensitive gauge, as opposed to the simple OE spring. HM Quickshifter's owner Gareth Hopkins

direction); it also...

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benefit of a quickshifter, while the replacement unit is fully adjustable for sensitivity". Developed to simply "plug and play", the device is directly into the existing Quickshifter port, suitable for both road or race gear shifting (standard or reverse).

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INDEPENDENT BUSINESS NEWS FOR THE EUROPEAN MOTORCYCLE & SCOOTER INDUSTRY

INTERNATIONAL DEALER NEWS

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STATZONE 6-7

COMMENT: New motorcycle registrations off to a good start

Complete range of made in Italy brake discs from Newfren Landport Balmes, "a quarter of a century to be proud of" Maxx Terra Forza-MX competition tyres...

...comes EU Parliament's... effects of... (MID) on

64-PAGE EDITION

AMERICAN REPORT
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Motor Insurance Motorcycle Sports

One of the primary barriers to consumer entry into the motorcycle market... is of youth riders and others... especially

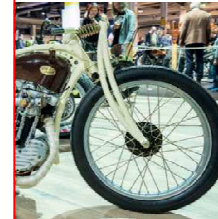
review of the upcoming Motor Insurance Directive (MID), a pan-European legislative act that aims to "strengthen the rules on motor insurance and better protect victims of motor vehicle accidents". In its legislative proposal, the European Commission proposed to clarify the

prohibitively expensive and complex, especially at the sport's youth entry level. However, the good news is that the European Parliament appears to have recognised this and told the European Commission to reconsider the implications of its motor insurance industry proposals on motorsport in general, including on motorcycle racing.

...of organisations led by the... Federation the

RAPID BIKE/VRAPOVIC

o, 21 to 24
2019, Zurich



Dorin Racz of Romania with his 'Rise of Anarchy'

proud that the new DynaVolt Intact GP Moto2 team, made up of Tom Lüthi, Marcel Schrötter and Jesko Raffin, chose Swiss-Moto as the occasion to present their new machines for the first time."

Star of 'The Matrix' Keanu Reeves and custom motorbike roller added a wood glamour as their ARCH and with Swiss specialists Speedbox.

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duced, to inspired ucerne

minizing d into AMD retitor in Rise er



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