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FOR IMMEDIATE RELEASE
Tuesday, December 20, 2005

STOPTECH ANNOUNCES ST-60 SIX-PISTON CALIPER



Torrance, CA. . . . StopTech announces the ST-60, a six-piston, squeeze-forged caliper for premium luxury, performance and competition vehicles. Certain to be prized by the race engineer, discriminating performance enthusiast and aficionado of automotive excellence, this caliper offers the best performance available from a six-piston caliper upgrade.

Whereas competitors may provide high-tech products to race teams and less-expensive products to their street users, customers purchasing a StopTech Balanced Brake Upgrade® will receive the exact same ST-60 caliper design that has been tested for two seasons in punishing SPEED World Challenge GT-class competition on the #28 LG Motorsports Chevrolet Corvette and contributed to the car's two race victories during 2005.

Attractive Styling

The ST-60 caliper's longer body fills the space in larger wheels and looks great when paired with larger-diameter brake rotors. Side contours clearly show the six-piston design, while the tapered ends and enclosed cross bolt features provide a sleek, smooth appearance and a shape that is easy to keep clean.

Patented Technology

The ST-60 uses StopTech's patented bolt-in bridge technology, which reinforces the caliper and virtually eliminates distortion, helping make the ST-60 significantly stiffer than any competitive six-piston caliper benchmarked to date. The bolt-in bridge allows changing pads without disturbing the caliper's mounting and provides slots to enhance cooling airflow through StopTech's patented AeroRotor®. A feature at each corner of the caliper protects bleed screws and crossover tubes from damage by foreign debris or carelessness during wheel removal and installation.

Correctly Engineered Applications

A wide range of piston sizes allows StopTech's engineering staff to tailor the ST-60's force output to the specific requirements of each Balanced Brake Upgrade application. Engineering the correct distribution of brake torque between the front and rear axle of a vehicle provides the shortest braking distances, a result that has been shown time after time as StopTech-equipped vehicles have outperformed competitors in magazine tests and racing. Furthermore, correct caliper piston sizing ensures a firm brake pedal feel. Combined with the stiffness of StopTech's caliper designs, braking response is consistent and linear, giving drivers ultimate confidence.

Quality Manufacturing Processes

StopTech's ST-60 caliper is manufactured using a squeeze-forging process at Sanyco, a 34-year old company that is CNS, QS 9000, and ISO 9002 certified. Mitsubishi®, Volkswagen® and Toyota® are among its top

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customers. In squeeze forging, pressure is applied during cooling, producing beautifully finished, high-density caliper bodies without porosity. All finish machining, assembly and testing is performed at StopTech's facility in California, and every finished caliper is tested to 2500 psi.

Versatility

The StopTech ST-60 caliper can be used on rotors ranging from 328mm (12.9 in.) to 380mm (15.0 in.) in diameter and from 28mm to 35mm thick. The ST-60 uses a standard pad shape, which is readily available in more than 15 street performance and race friction compounds. The larger pad volume compared to StopTech's ST-40 caliper provides greater brake pad life, whether in endurance racing or paired with today's heavy luxury vehicles in street use. Differential piston sizes minimize pad taper for longer pad life and a firmer pedal feel, while dust boots are standard for reduced maintenance in street applications. Titanium backing plates are available for extreme applications to reduce heat transfer by radiation and conduction from the brake pad to the pistons and caliper body.

Balanced Brake Upgrade Kits

Balanced Brake Upgrade kits include two piece floating, directional AeroRotors with 7075 T-6 directional billet aluminum hats, calipers, brackets, street performance pads and DOT-compliant stainless steel brake lines. All kits are a direct bolt-on replacement of the stock front system with little or no modification required to the chassis or suspension.

StopTech Balanced Brake Upgrades incorporating ST-60 calipers are ready for shipment to customers, with 21 Balanced Brake Upgrade part numbers covering 34 vehicle applications available now and four more currently in development. Owners of such premium and performance vehicles as the Audi S4, BMW 5 and 6 Series, Cadillac XLR, Chevrolet Corvette C5 and C6, Chrysler and Dodge SRT-8 vehicles, Nissan Skyline GT-R R34, Porsche 911 and Volkswagen Passat 4Motion can benefit from this outstanding new development.

StopTech LLC, located in Torrance, California, manufactures high performance brake systems and components for production cars and production-based racecars. The company is the leader in Balanced Brake Systems for production cars and has three patents in basic brake technology and one other pending. StopTech has a worldwide network of resellers. StopTech's product line includes Balanced Brake Upgrades for approximately 450 applications, two-piece Direct Replacement Kit Aerorotors, braided stainless-steel brake lines and slotted original-dimension rotors. StopTech stocks a wide range of performance brake pads. The company's website, www.stoptech.com, is a clearinghouse of performance brake information, as well as providing details on StopTech products.

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