

RENNTech's 6.0-Liter SL500

Mercedes tuner RENNTech had a rather good outing at its first appearance at the SEMA/AI Show this past November. In addition to taking home the Auto International Association's 1994 Best New Import Accessory Award—for its carbon fiber air cleaner cover—RENNTech caught the eye of many show attendees with its deep purple modified SL500.

The RENNTech Las Vegas Show Car was built to introduce the company's latest performance and appearance enhancements for Mercedes-Benz SL500 cars, together with an idea of what it can provide for other Mercedes, BMW and Porsche cars. The show car is based on a 1994 SL500. All development and conversion was done at RENNTech's headquarters in Delray Beach, Fla.

Under the hood, the RENNTech SL500 features an all-aluminum V-8 bored and stroked to 6.0 liters and modified to provide 440 horsepower at 5,900 rpm and 450 ft/lbs of torque at 4,000 rpm. Its Kolbenschmidt pistons are built exclusively for RENNTech.



Also installed is a RENNTech engine management unit tuned to offer maximum torque and horsepower corresponding with the increase in displacement.

Topping off the underhood modifications is the carbon fiber air cleaner cover, which gives a high-tech look to late model V-8's while adding 10 horsepower by increasing air flow.

The transmission has been modified

and reinforced to handle the increased horsepower and torque. This includes a first gear start modification.

The suspension system has been modified to provide improved handling and a comfortable, tractable vehicle on the street and on the track.



The modification includes sway bars, front and rear, by RENNTech; stiffer springs built to RENNTech specifications by Hyperco Springs; externally adjustable shocks made exclusively for RENNTech by Koni, and a rear sub-frame modification by RENNTech. The latter modification replaces the rear suspension pieces with aircraft grade adjustable links, allowing for better handling and more stable acceleration.

The front and rear 13" Alcon brake system, made exclusively for RENNTech, provides marked improvement in stopping ability and eliminates brake fade. The Alcon brake system includes vented and slotted rotors, 4-piston aluminum calipers front and rear, stainless steel brake lines, and all necessary fittings.

The RENNTech stainless steel exhaust system includes headers, down-pipes and high-performance catalytic converters. It improves air flow, ensures superior

engine performance, eliminates rust problems and produces a throaty exhaust note.

Among the appearance modifications, the most prominent is the paint color scheme with Royal Purple and a hint of Mother of Pearl. The extended and restyled front and rear bumper

spoilers are constructed of carbon fiber by RENNTech. The 18" magnesium wheels are Antera 123's painted body color and fitted with Pirelli P-Zero System tires.

Finally, modifications to the interior have resulted in a weight reduction of about 300 pounds through the use of lightweight insulation, carpeting and Recaro seats. The Recaro A8 sport seats have a leather covering and are trimmed and painted to match components of the interior and exterior treatment. They also are fitted with Schroth 4-point self-retracting harness belts.

The interior also features a custom leather interior made exclusively for RENNTech by LS Germany; custom floor mats made for RENNTech by Lloyd's Mats; and an extensive use of carbon fiber appearance items made by RENNTech to replace the standard plastic panels.

For more information, contact RENNTech at 1885 S.W. 4th Ave., Unit E-3, Delray Beach, FL 33444, (407) 276-7646.

IAPA