



TL1000S

Proof That 90 Degrees Is Hot



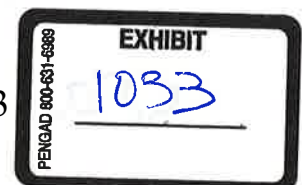
The TL1000S is an asphalt-kicking reminder of just how exciting a V-twin sport bike can be. It's designed to provide everything you're looking for in a 90-degree V-twin: a broad, smooth powerband, seemingly endless torque, awesome acceleration and lightweight responsiveness.

What's so special about a 90-degree V-twin? Most important, the 90-degree angle of the cylinders produces perfect primary balance, making it incredibly smooth from idle to redline. But that's where the TL1000S's similarity with other V-twins ends. Suzuki's advanced technology allows it to offer low-end pulling power combined with outstanding top-end performance. With Suzuki Ram Air Direct (SRAD) induction and two-stage electronic fuel injection, the engine offers instant throttle response. It has a big-bore/short-stroke design, which lets the engine rev quickly toward a strong mid-range and even stronger top-end. Put it all together and you've got a bike with power

characteristics that let you enjoy a spirited ride down a twisting two-laner as well as a day on the open road.

The TL1000S takes full advantage of another inherent benefit of the V-twin design: light weight. At just 421 pounds dry, the TL1000S offers extraordinary responsiveness in tight cornering. State-of-the-art suspension front and rear lets you answer the TL1000S's call to go sport riding. It has fully adjustable 43mm inverted forks and a unique and innovative rear suspension design featuring a rotary damper mounted separately from the spring. This design makes room for a more upright engine position, which in turn allows a shorter wheelbase than a traditional 90-degree V-twin. That, along with its light, rigid aluminum truss chassis, lets the TL1000S respond precisely to your input in tight turns and winding sweepers.

The TL1000S. It's the hottest open-class V-twin street bike on the road today.



TL1000S



FEATURES

KEY FEATURES

- Powerful 996 cc 90° V-twin, DOHC 8-valve, liquid-cooled engine tuned for strong low & mid-range torque. Engine design is compact and simple by use of a short-stroke engine design combined with a narrow single-pin crankshaft.
- Electronic fuel injection system fed by ram air intake, provides precise fuel/air mixture under all operating conditions for maximum acceleration and razor-sharp throttle response. Includes self diagnostic system with LCD readout.
- Semi-gear driven valve system simplifies maintenance and minimizes cam sprocket size and engine height for optimum engine placement.
- Lightweight shim-under-bucket valve system operates large 40 mm intake and 33 mm exhaust valves.
- SCEM (Suzuki Composite Electro-Chemical Material) plated cylinders minimize cylinder size and improve heat dissipation.
- Power-assist clutch amplifies torque for positive clutch engagement and acts as a back-torque limiter for smooth downshifts.
- High efficiency liquid cooling system for optimum engine operating temperature - includes compact liquid cooled oil cooler.
- Lightweight magnesium valve covers, ignition cover, and sound deadening plastic outer clutch cover.
- Smooth shifting 6-speed transmission.
- Stainless steel exhaust system with aluminum mufflers is tuned to enhance the engine's torque output.
- Lightweight speedo and tach. with LCD displays, twin operation tripmeter and odometer (similar to GSX-R750). Coolant temp. display doubles as EFI diagnostic display.
- Digital ignition system provides optimum ignition timing with separate maps for each cylinder.
- Aluminum truss frame is lightweight, compact and exceptionally rigid. Bolt-on sub-frame simplifies maintenance.
- Fully adjustable 43 mm inverted front forks with steering damper plus aluminum triple clamps and steering stem.
- Unique rotary damper rear suspension uses separate leverage ratios and linkage for the spring and damper, resulting in a smoother ride and better traction throughout the range of wheel travel. Damping and preload are fully adjustable.
- Strong and lightweight box-section aluminum swingarm.
- Powerful staggered-diameter 4-piston front brake calipers with 320 mm floating brake rotors.
- Radial tires mounted on lightweight 3-spoke aluminum wheels. Wide 190-size rear tire is mounted on 6" wide rim.
- Uniquely styled half fairing with aerodynamic headlights shows off the impressive frame and engine technology. Cables and wiring have been carefully routed out of sight.
- Hinged fuel tank (similar to GSX-R750) provides easy access to the airbox and air filter.
- Removable passenger seat cover comes as standard equipment.
- Optional Accessories:
 - Gel seat
 - Tank cover
 - Soft luggage
 - Work stand
 - Storage cover
- 12 month unlimited mileage warranty.

TL1000S



MSRP*
\$9099

SPECIFICATIONS

Engine:	996 cc, four-stroke, liquid cooled, 90 degree V-twin, DOHC, 8-valves, TSCC
Bore/Stroke:	98.0 x 66.0 mm
Compression Ratio:	11.3:1
Carburetor:	Mikuni/Denso Fuel Injection
Lubrication:	Wet sump
Ignition:	Digital transistorized
Starter:	Electric
Transmission:	6-speed
Final Drive:	#530 chain
Overall Length:	2045 mm (80.5 in.)
Overall Width:	715 mm (28.1 in.)
Overall Height:	1175 mm (46.3 in.)
Seat Height:	835 mm (32.9 in.)
Ground Clearance:	140 mm (5.5 in.)
Wheelbase:	1415 mm (55.7 in.)
Dry Weight:	191 kg (421 lbs.)
Suspension:	FRONT: Inverted telescopic, coil spring, fully adjustable spring preload, rebound and compression damping
	REAR: Rotary damping system, fully adjustable spring preload, compression & rebound damping
Brakes:	FRONT: Dual hydraulic disc
	REAR: Single hydraulic disc
Tires:	FRONT: 120/70 ZR17
	REAR: 190/50 ZR17
Fuel Tank Capacity:	17 liter (4.5 gal.)
Color:	Blue



*Manufacturers' Suggested Retail Prices (MSRP) shown do not include freight/destination or other dealer charges. American Suzuki is a founding member of the Motorcycle Safety Foundation. At Suzuki we want every ride to be safe and enjoyable. So always wear a helmet, eye protection, and protective clothing. Never ride under the influence of alcohol or other drugs. Study your owner's manual and always inspect your Suzuki before riding. Take a riding skills course. For the course nearest you call the Motorcycle Safety Foundation at 1-800-446-9227. American Suzuki Motor Corporation makes every effort to present the most current specifications and product features when printing this literature. Because of our policy of continual improvement, changes may be made in equipment, availability, specifications and features without notice. American Suzuki Motor Corporation 3251 East Imperial Highway, P.O. Box 1100, Brea, CA92822-1100

