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Suzuki Lt230 quadsport specs

Suzuki first manufactured the LT230E all-terrain vehicle (ATV) in 1985 and it survived in the quad market for eight years until it was discontinued in 1993. Few changes were made to the LT230E over the course of its production.



When it first hit the market in 1985, the Suzuki ATV had a retail price of \$1,969. The engine has a displacement of 14 cubic inches. The Suzuki's camshaft operates above the combustion chamber within the cylinder head, known as overhead cam. The engine's one cylinder is equipped with two valves. The four-stroke engine has a Mikuni carburetor and a five-speed manual transmission. The ATV has hydraulic disc brakes.



Offering 6.3 inches of wheel travel, the front double A-frame suspension smoothes out the bumpier of roads. The quad's dry weighs 337 lbs., and it can hold 2.5 gallons of gas. The wheelbase is 44.5 inches. Until 1986, the chassis was 71.7 inches in length, 41.7 inches in width and 43.5 in height. On 1987 models, it then measured 43.5 inches high, 41.9 inches wide and 70.7 inches long. The ATV has a front track measuring 31.7 inches; the rear track is slightly smaller at 31.3 inches. At its lowest point, the chassis is 4.5 inches above ground level; the seat is 31.3 inches high. Carl Lyttle/Digital Vision/Getty Images From its 1985 release, quad lovers were ditching roads in favor of thrashing up woods in this classic off-road ride. The all-terrain vehicle (ATV) was equipped with a side-kick starter, something uncommon on kick start vehicles.

The Suzuki QuadSport LT230, or the LT230 as it is often called, was discontinued in 1988. The LT230 is driven by a two-valve overhead cam 230 cc, four-stroke single-cylinder engine, with fuel delivered by a Mikuni VM26SS carburetor from a 2.5-gallon tank, including reserve. This power is fed to the wheels via a manual clutch five-speed transmission with reverse. The 1985 and 1986 models are 71.7 inches long, 41.7 inches wide and 42.5 inches high.

The seat stands at 31.3 inches from ground level and the frame clears the ground by 4.5 inches. The wheelbase is 44.5 inches while the front track is 31.7 inches and the rear track 31.3 inches. The LT230's dry mass, the mass of an vehicle excluding liquids, is 337 pounds. The body is a little smaller in the 1987 and 1988 models, coming in at 70.7 inches long, 41.9 inches wide and 43.5 inches high. It is equal in all other dimensions. The Suzuki possesses a 35-degree inside steering angle, a 25-degree outside angle, and an 8.2-foot turning radius.

On top of that it has a 5-degree BTDC (before top dead center) ignition timing below 1,800 rpm and a 35-degree BTDC when over 3,800 rpm. The Quad also has a 39/12 final reduction gear ratio, hydraulic disc brakes at the front and back and long wheel travel of 6.3 inches, thanks to Double A-frame front suspension. This article needs additional citations for verification. Please help improve this article by adding citations to reliable sources. Unsourced material may be challenged and removed.Find sources: "Suzuki LT 230" - news - newspapers - books - scholar - JSTOR (November 2015) (Learn how and when to remove this template message) The Suzuki Quadsport LT230S (commonly referred to as the LT230 and also the "little brother" to the LT250R) was the first sport variety all-terrain vehicle sold in 1985. It is powered by an overhead cam 2-valve 229 cc ("230") 4-stroke single-cylinder engine. It has a 5-speed manual clutch / manual shift drive train with reverse. The final drive is by 520-pitch chain. In 1st gear (stock) the quad would go: 16.7 mph (26.9 km/h); 2nd: 21.4 mph (34.4 km/h); 3rd: 32.2 mph (51.8 km/h); 4th: 41.9 mph (67.4 km/h); and finally in 5th gear the bike would go: 51.6 mph (83.0 km/h). It features hydraulic disc brakes front and rear, and independent double A-frame front suspension. The front A-arm suspension provided 6.3in of wheel travel. The rear is a solid axle. All the shocks are preload adjustable. The LT230 features a side-kick style starter, a feature not commonly seen on any kick start bike. The LT230 weighed in at only 309 lbs. The original retail price for the 230 was \$1,969. In 1987, Suzuki released a slightly altered version known as the LT230E. It featured a semi-automatic transmission that had a different shift pattern than other listed models, electric start and recoil pull-start backup. After the LT230S' discontinuation in 1988, the LT230E remained in production until 1993. Suzuki also produced, for a period of two years, the LT250S. The suspension on the LT250S is a progressive rate with more travel. The LT250S is also wider and longer. The LT250S, although meant to replace the 230, was cut from production in 1990, the second and last year of their production. References [1] This all terrain vehicle-related article is a stub. You can help Wikipedia by expanding it.vte ^ bare URL] Retrieved from " Launched in 1985, another first for Suzuki, who had invented the modern Quad, was the LT230 Quad-Sport. Taking the ATV into an alternative route of high performance and lightweight. Powered by a four-stroke 230cc single-cylinder engine, the LT230 used a five-speed transmission with manual clutch and reverse. At just 298 pounds, this lightweight quad was a sporty blast to ride. Double A-frame front suspension provided 6.3 inches of long wheel travel. This model was the blue print for 'sports' quads and yet another first for Suzuki. top Suzuki LT230 photo Suzuki LT230 top Suzuki LT230 owners Here is a list of machines proudly owned by our community members, that are the same or similar to this machine. 1986-Suzuki-LT230 QUAD SPORT 1987-Suzuki-LT230 H 1987-Suzuki-LT230E 1987-Suzuki-LT230S 1993-Suzuki-LT230E 1993 (P) 1987-Suzuki-LT230E 1987 (H) 1987-Suzuki-LT230E 1992-Suzuki-LT230E QUAD RUNNER 1992 N USA E03 QUADRUNNER QUAD- top other info top