

General Specifications		
Engine		
Engine Type	4-stroke, 1-cylinder, SOHC, air cooled	
Displacement	228 cc	
Bore x Stroke	69.0 x 61.0 mm	
Compression Ratio	8.9:1	
Carburetor	Mikuni VM24SS (1)	
Starting System	Electric and recoil starter	
Ignition System	DC CDI	
Ignition Advance	Electronic	
Crankshaft Rotation	Counterclockwise from ignition (LH) side	
Cylinder Material	Aluminum alloy with ferrous sleeve	
Fuel	Min 91 Research/87 Avg. Oct. Unleaded OK	
Transmission		
Clutch Type	— Primary	Wet, multi-disc, crankshaft-mounted, automatic centrifugal (friction-faced flyweights against inside of clutch drum), one-way bearing
	— Secondary	Wet, multi-disc, transmission driveshaft-mounted, disengaged by upshift or downshift stroke on shift pedal
Transmission	5-speed, constant mesh, return shift, plus reverse R-1-N-2-3-4-5 (Reverse lockout knob on fuel tank)	
Gear Ratios	— 1st	2.92 (38/13)
	— 2nd	1.68 (32/19)
	— 3rd	1.17 (27/23)
	— 4th	0.92 (24/26)
	— 5th	0.79 (22/28)
	— Reverse	3.12 (27/13 x 33/22)
Primary Ratio	3.45 (69/20)	
Final Ratio	4.68 (18/15 x 34/10)	
Overall Ratio	12.68	
Chassis		
Wheelbase	1,115 mm (43.9 in.)	
Tread	— Front	764 mm
	— Rear	776 mm
Overall Width	1,020 mm (40.2 in.)	
Seat Height	730 mm (28.7 in.)	
Ground Clearance	155 mm (6.1 in.)	
Dry Weight	183 kg (403.5 lbs.)	
Curb Weight	193 kg (426 lbs.)	
Max Recom Load	130 kg	
Fuel Tank Capacity	10.0 L (2.6 gal.)	
	— Reserve	2.0 L (.5 gal.)
Tire Size	— Front	21 x 8-9 Tubeless
	— Rear	22 x 10-10 Tubeless
Brake Type	— Front	Dual Mechanical Drum (leading/trailing)
	— Rear	Mechanical Drum (Leading/Trailing)
Wheel Travel	Front	115 mm
	Rear	125 mm

Model Identification	
Year & Model	'05 KLF250-A3:BAYOU 250
Color	① Colored Plastic Aztec Red (260) ② Colored Plastic Hunter Green (6A)
VIN Range	JKALFMA1 ✓5B54243201 -
Engine No. Range	LF250AE500001 —
Engine No. Location	RH top crankcase

Tuning Specifications	
Engine	
Valve Clearance (Cold)	Intake: 0.15-0.20 mm Exhaust: 0.20-0.25 mm
— Adjustment method	Rocker arm screw
Compression Pressure	193 psi
Spark Plug	NGK DR8ES
— Gap	0.6 - 0.7 mm
Ignition Timing	10° BTDC at 1,800 rpm 35° BTDC at 4,600 rpm
Idle Speed	1,300 rpm
Engine Oil	SAE 10W40 API SF or Sg, SH or SJ of JASO MA Class
— w/filter change	2.1 L
— No filter change	2.0 L
— Level	Wait 5 min., middle of window

Chassis	
Tire Pressure (Cold)	3 psi
— Front	3 psi
— Rear	
Final Gear Case Oil	Hypoid Gear Oil
— Above 5°C	API GL-5 SAE90
— Below 5°C	API GL-5 SAE80
— Capacity	0.2 L
— Level	To bottom thread of filler cap hole