



SPECIFICATIONS

KL650A6F

Engine Type	4-Stroke, Liquid-Cooled, DOHC, 4-Valve, Single
Displacement	651 cc
Bore & Stroke	100 x 83 mm
Compression Ratio	9.5:1
Carburetor	Keihin CVK40
Ignition	CDI
Transmission	5-Speed
Rake/Trail	28°/4.4 in.
Front Wheel Travel	9.1 in.
Rear Wheel Travel	9.1 in.
Front Tire Size	90/90-21
Rear Tire Size	130/80-17
Front Suspension	38mm Air Adjustable, Leading Axle Hydraulic Telescopic Fork
Rear Suspension	Uni-Trak with 5-Way Adjustable Preload and 4-Way Rebound Damping
Wheelbase	58.9 in.
Front Brake Type	Disc
Rear Brake Type	Disc
Fuel Tank Capacity	6.1 gal.
Ground Clearance	9.4 in.
Seat Height	35.0 in.
Dry Weight	337 lb.
Color	Lime Green, Aztec Red
Warranty	12 months
Good Times Protection Plan	24, 36 or 48 months

(Specifications subject to change without notice.)
Ask about Kawasaki's Team Green™ amateur rider support program.

(KP) = See Kaw-Pedia section for more details.

* = Changes from previous model year.

Key Features:

- ◆ *On/Off-Road Versatility*
- ◆ *Powerful, Double-Balanced Engine*
- ◆ *Large Fuel Capacity for Extended Range*
- ◆ *The Choice of Many Adventurists*

◆ 651cc 4-Stroke Single Cylinder Engine

- A compact, smooth, reliable and proven design.
- Special tuning to improve low and mid-range.
- Light, silent cam chain reduces engine noise.

Liquid Cooling

- Maintains consistent running temperatures so less power is lost to heat.
- Lower operating temperatures help extend engine life.
- Automatic fan keeps things cool even in traffic.
- Includes a temperature gauge.

4-Valve Cylinder Head^(KP)

- Better breathing for more power at high rpm.
- Compact combustion chamber for increased compression ratio without detonation on today's gasolines.
- Provides maximum valve area for optimum flow.
- Boosts low end torque.

◆ Double Engine Balancer^(KP)

- Engine runs smoothly from idle to redline for rider comfort and less fatigue on long rides.

Kawasaki Automatic Compression Release (KACR)^(KP)

- Automatically lifts exhaust valve at cranking rpm to make starting easy and eliminate the need for a manual compression release.

Capacitor Discharge Ignition with Electronic Advance^(KP)

- ECU precisely controls timing, no matter how fast the RPM changes.
- Fewer moving parts for long, trouble-free life.
- Requires no maintenance.

40mm Semi-Flat Slide CVK Carburetor

- Precisely meters fuel for good economy.
- Provides quick throttle response.

5-Speed Transmission

- Designed to handle the engine's unique power characteristics.
- The engine's broad torque only requires five speeds for great acceleration and relaxed highway cruising.

Handlebar-Mounted Choke

- Convenient location makes starting and warm-up easier.

Long Travel Suspension

- Designed to provide a good compromise between the requirements of on and off-road riding.

Universal Tires

- Provide good traction on and off the road.

Semi-Double Cradle Frame

- Made of hi-tech, round section, high tensile steel, the same strong yet light-weight material used in our world-class motocross bikes.

Engine Guard

- Helps protect the engine from rocks and other debris.

Detachable Rear Sub-Frame

- Simplifies maintenance by providing better access to the rear shock, air box and carb.

Uni-Trak[®] Rear Suspension^(KP)

- Lowers the center of gravity for better handling.
- Progressive rate provides a smoother, more controlled ride.
- Features a 5-way preload shock absorber with 4-way rebound damping. You can tune the ride to match the load and riding conditions.

Front and Rear Disc Brakes

- Powerful and controllable, produce quick, sure stops.

Electric Starter

- For easy and convenient starting.

Lighting and U.S. Forest Service-Approved Spark Arrester

- Street-legal lighting with turn indicators so you don't have to be home by dark.
- Allows access to designated public riding areas and helps prevent wildfires.

Authentic Kawasaki Accessories

- See the current applicable Kawasaki accessory catalog or www.kawasaki.com for all of the latest Authentic Kawasaki Accessories available for this model.