
General Specifications

Engine

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|------------------------|---|
| Engine Type | 4-stroke, 4-cylinder, DOHC, Air Cooled, 8-Valve |
| Displacement | 738 cc |
| Bore x Stroke | 66.0 x 54.0 mm |
| Compression Ratio | 9.5:1 |
| Carburetor | Keihin CVKD32(4)with TPS |
| Ignition System | 12 V Battery & Coil, Transistorized Breakerless |
| Ignition Advance | Digital |
| Crankshaft Rotation | Clockwise from RH side |
| Cylinder Number Method | Left to Right: 1-2-3-4 |
| Firing Interval/Order | 180° /1-2-4-3 |
| Cylinder Material | Aluminum alloy with ferrous sleeves |
| Fuel | Min 91 Research/87 Avg. Oct. Unleaded OK |
| Coolant | 50% distilled water /50% ethylene glycol base antifreeze. |
| —Capacity | 2.6 liters |

Transmission

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|--------------------------|--------------------------------------|
| Clutch Type | Wet, Multi-disc, Manual |
| Transmission | 5-speed, Constant mesh, Return shift |
| Shift Pattern(Bottom up) | 1-N-2-3-4-5 (w/Neutral Finder) |
| Gear Ratios | —1st 2.33 (35/15) |
| —2nd | 1.63 (31/19) |
| —3rd | 1.27 (28/22) |
| —4th | 1.04 (26/25) |
| —5th | 0.88 (21/24) |
| Primary Ratio | 2.55 (27/23 x 63/29) |
| Final Ratio | 2.38 (38/16) |
| Overall Ratio (Top Gear) | 5.30 |

Chassis

| | |
|--------------------|----------------------------------|
| Wheelbase | 57.3 inches |
| Seat Height | 31.5 inches |
| Ground Clearance | 5.1 inches |
| Dry Weight | 445.4 lbs. |
| Curb Weight | 502.7 lbs. |
| Max Load | 401 lbs. |
| Fuel Tank Capacity | 5.8 gal. |
| Tire Size | —Front 120/70-ZR17 Tubeless |
| —Rear | 160/60-ZR17 Tubeless |
| Brake Type | —Front Dual Disc |
| —Rear | Single Disc |
| Brake Size | —Front 272 mm Effective Diameter |
| —Rear | 212 mm Effective Diameter |
| Wheel Travel | —Front 130 mm |
| —Rear | 130 mm |

Model Identification

| | |
|---------------------|----------------------------------|
| Year & Model | '00 ZR750-F2:ZR-7 |
| Color | ① Candy Lightning Blue (E1) |
| VIN Range | JKAZRDF1 ✓YA011001 — |
| Engine No. Range | KZ750EE150001 — |
| Engine No. Location | RH top crankcase, below cylinder |

Tuning Specifications

Engine

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|----------------------|--------------------|---|
| Valve Clearance | (Cold) | Intake: .08 - .18 mm |
| | | Exhaust: .08 - .18 mm |
| | —Adjustment Method | Shim under bucket |
| Compression Pressure | | 156 psi |
| Spark Plug | | NGK DR9EA |
| | —Gap | .6 - .7 mm |
| Ignition Timing | —Idle | 12.5° BTDC at 1,100 rpm (US, CN) |
| | | 12.5° BTDC at 1,300 rpm (CA) |
| | —Full | 37.5° BTDC (in double marks) at 9,000 rpm |
| Idle Speed | | 1050-1150 ±50 rpm (US,CN) |
| | | 1250-1350 ±50 rpm (CA) |
| Engine Oil | | SE, SF or SG Class SAE 10W40 |
| | —w/Filter Change | 3.5 liter |
| | —No Filter Change | 3.0 liter |
| | —Level | On center stand, wait 5 min, middle of window |

Chassis

| | | |
|----------------------|-----------|--------------------------------|
| Fork Oil | | 10W |
| | —Capacity | 488 cc |
| Tire Pressure (Cold) | | |
| | —Front | 2.50 kg/cm ² 36 psi |
| | —Rear | 2.50 kg/cm ² 36 psi |