

Specs & Dimensions

Fuel, 6.1 US gallons, 23 Liters
 Oil, 2.5 Liters
 Coolant, 1.3 Liters 50/50 mix
 of distilled water & ethylene glycol
 (non silicate, aluminum safe)
 Weight 337lbs dry.

Spark Plug

NGK DPR8EA-9 (regular)
 NGK DPR8EIX-9 (iridium)
 ND X24EPR-U9
 Champion 809(RA6HC)
 GAP=0.032-0.036" (0.8-0.9mm)
 Torque = 10 ft-lbs (14 N-m)

OIL 2.5 liter w/ filter change

(~2.75 US quarts)
 10W40 in cool weather
 20W50 for warmer, use
 Motorcycle specific oil, or
 Shell Rotella T, Castrol GTX,
 Mobil-1, Delvac 1300
 AVOID friction reducers which can
 cause clutch slippage problems.
 Interval=1000-3000miles
 Drain Plug M12X1.5

Valve Specs

Intake 0.10 - 0.20 mm
 Exhaust 0.15 - 0.25 mm
 Shim over bucket style,
 29.0 mm (NOT 29.5 mm!)
 Can subst. Yama./BMW

OIL Level Check

With bike on level ground, Oil level
 should be at the very top of the sight
 glass (right side engine sump)

OIL FILTER

Kawa 16099-004, Napa 4951
 Fram CH6070, WIX 24951
 Emgo 10-30000
 K&N KN123

Wheel Bearings

FR Left #6202
 FR Right #6203
 RR Left #6004
 RR Middle #6003
 RR Right #6204

Torque Values

Engine cover bolts .. 69 INCHlbs
 Engine mount 8mm .. 18 ftlbs
 Engine mount 10mm .. 33 ftlbs
 Swingarm, shock lower .. 72 ftlbs
 Swingarm upper .. 43 ftlbs
 Tripple clamps pinch bolts .. 18 ftlbs
 Handlebar clamps .. 17.5 ftlbs
 Sparkplug .. 10 ftlbs
 Front axle .. 58 ftlbs
 Rear axle .. 69 ftlbs
 CS sprocket old style .. 87 INCHlbs
 CS sprocket new style .. 70 ftlbs
 Rear sprocket nuts .. 24 ftlbs
 Subframe .. 18 ftlbs
 Magneto .. 130 ftlbs
 Valve cover .. 69 INCHlbs
 Cam caps .. 104 INCHlbs
 Peg bolts 18 ft-lbs

Drive Chain

Standard= 520 w/ 106 links
 Popular replacements O-Ring or
 X-Ring chains by DID, RK, Tsubaki
 or Bikemaster. Can use either
 press link or master link chain.
 Slack=~2 in. midway under swingarm
 Sprockets: std=15T countershaft
 and 43T Rear

Bulbs

Headlight H4 (9003) 55W/60W
 Tail/Stop 1157
 Turn Signals 1156
 Instruments 194 (3.4W)
 License plate 1004

Key Blanks (RH or LH key)

Curtis SU-9 (Suzuki)
 Curtis YM-58 (Yamaha)
 Ford 5-cut primary blank
 ILCO KA15 X106
 ILCO YH38 X77
 ILCO X120 YH46
 Taylor X90
 Taylor X91
 SILCA KW14

DR650 Footpegs

RH = 43550-44B10-019
 LH = 43560-44B10-019
 Springs(2) = 09448-15008
 Swingarm bearings
 92046-1110 needle bearing
 92049-1109 oil seal
 42036-1204 sleeve

Balancer Lever Adjustment (doohickey)

1. With engine warmed up lean bike against wall or other stand.
2. Remove rubber plug and loosen adjuster bolt ¼ turn CCW.
3. Retighten bolt, then loosen ½ turn CCW.
4. Tap on bolt or case w/ plastic mallet.
5. Retighten adjuster bolt to torque spec, and replace rubber plug.

Emergency safety switches bypass

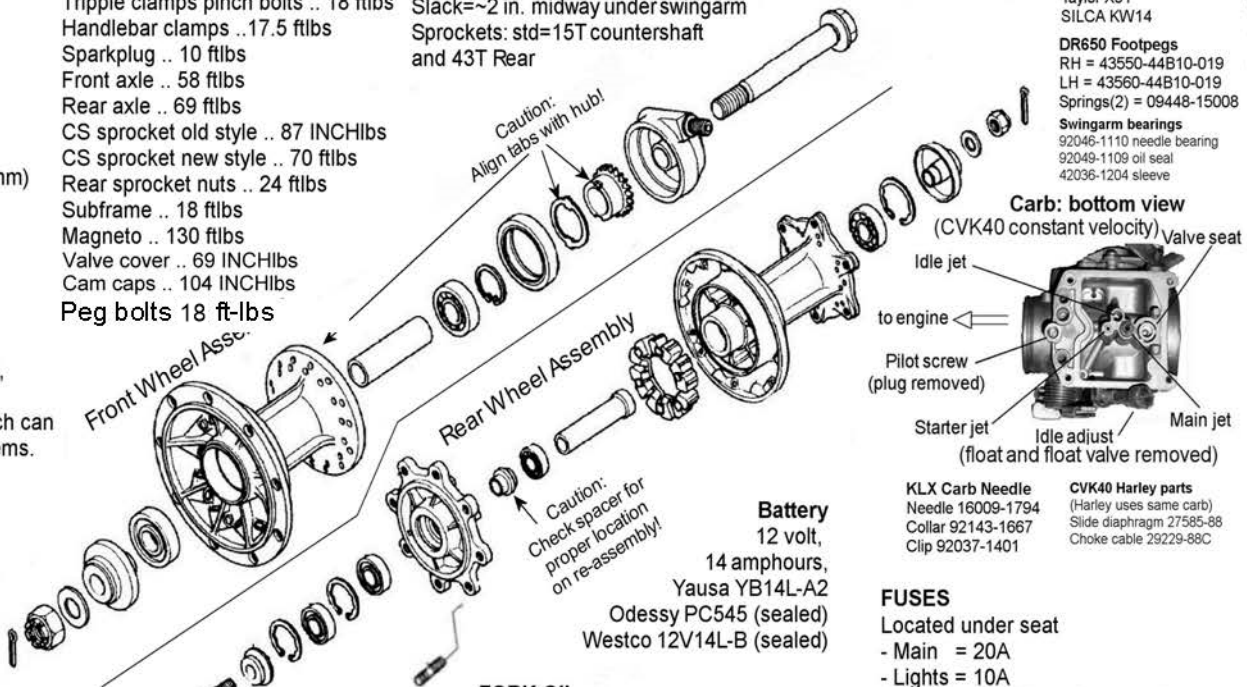
Sidestand switch: jumper together
 Brown and Green/White wires above
 sidestand switch, insulate from gnd.
 Starter circuit: remove starter circuit relay
 and jumper between Black and either of the
 Yellow/Red wires. Insulate from gnd.
DANGER: Bike will start in gear.
 Bike will run with sidestand down.
 Defeating safety circuits can be fatal!
User assumes all responsibility.

Carb T-mod

To prevent stalling due to water
 in carb vent line: Install 1/4"
 plastic T into pinkish vent line on
 upper left of carb body. Vent the
 T side upwards w/ 12in of
 fuel line, secure end of this new
 vent line up under tank w/ zip tie.

Disclaimer: Data provided for information
 purposes only. Check the Kawasaki manuals
 or with your dealer to be sure you have the
 most accurate information. Not responsible for
 any errors or omissions.
 ... good luck, ride safe.

Kwik-Specs : KLR650
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FORK OIL

Std is 420mL of 10W20.
 Oil change is 365mL tubes wet
 Complete change is 426-435mL tubes dry
 Free clearance between top of oil and top
 of fork tube is 170-190mm w/ springs out,
 and forks fully compressed.
 Recommended weights
 -10wt on-road (15wt for very heavy loads)
 - 7.5wt off-road (10wt for very heavy loads)
 - Can use ATF if fork oil not available

FUSES

Located under seat
 - Main = 20A
 - Lights = 10A
 (recommend 15A replacement)
 Behind coolant overflow tank
 Fan fuse = 10A

Fan troubles

Test fan by grounding switch
 wire on lower left of radiator to
 fins on cylinder head.
 Can hardwire in emergency.
 Check fuse behind overflow
 tank ('94 & later).