



Routine Service Rapid Data Sheet

Maintenance Schedule, Flat Rate Times & Basic Service Data

Model: DL650K4/5/6

The service interval should be decided by mileage or time, whichever occurs first.

Item	Interval	miles	600	4 000	7 500	11 000	14 500
		km	1 000	6 000	12 000	18 000	24 000
		months	2	12	24	36	48
Air cleaner element			—	I	I	R	I
Exhaust pipe bolts and muffler bolts			T	T	T	T	T
Valve clearance			—	—	—	—	I
Spark plugs			—	I	R	I	R
Fuel line			—	I	I	I	I
	Replace every 4 years						
Engine oil			R	R	R	R	R
Engine oil filter			R	—	—	R	—
Idle speed			I	I	I	I	I
Throttle cable play			I	I	I	I	I
Throttle valve synchronization			I E-33 only	—	I	—	I
Radiator hose			—	I	I	I	I
	Replace every 4 years						
Engine coolant			Replace every 2 years				
Evaporative emission control system E-33 (California) model only			—	—	I	—	I
	Replace vapor hose every 4 years						
PAIR(air supply)system			—	—	I	—	I
Clutch			—	I	I	I	I
Drive chain			I	I	I	I	I
	Clean and lubricate every 1 000 km (600 miles)						
Brakes			I	I	I	I	I
Brake hose			—	I	I	I	I
	Replace every 4 years						
Brake fluid			—	I	I	I	I
	Replace every 2 years						
Steering			I	—	I	—	I
Front forks			—	—	I	—	I
Rear suspension			—	—	I	—	I
Tires			—	I	I	I	I
Chassis bolts and nuts			T	T	T	T	T
Flat rate time (CA)			1.5H (1.6H)	1.6H	2.0H (2.1H)	1.7H	2.6H (2.7H)

I : Inspect T : Tighten R : Replace C : Clean

NOTE: I = Inspect and clean, adjust or lubricate as necessary.

Inspect times (I) in the above chart do not include additional times for clean, adjust or lubricate

Engine:	Valve clearance (cold): Compression: Limit: Maximum difference: Cam chain pin (arrow "3"): Oil capacity: Oil type: Oil pressure at 60°C:	IN: 0.10 – 0.20 mm EX: 0.20 – 0.30 mm 13 – 17 kg/cm ² 11 kg/cm ² 2 kg/cm ² 16 th pin 2.3 L (change) 2.7 L (filter change) SAE 10W-40, API SF/SG OR SH/SJ with JASO MA 1.0 – 4.0 kg/cm ² at 3,000 rpm
Transmission:	Drive chain: Links: Chain adjustment: Final drive ratio: Gear shift lever height: Clutch lever play: Clutch release screw:	DID525V8 116 20 – 30 mm 3.133 (47/15) 25 mm 10 – 15 mm ¼ turn back
Electrical:	Spark plug: Spark plug gap: Battery: Battery capacity: Regulated voltage: Generator max. output: No load voltage across generator (cold): Fuse Rating: Main: Headlight (H): Headlight (L): Ignition: Signal: Fuel pump: Fan: Bulb wattage Headlight: Position light: Brake/Tail light: License light: Indicators: Tachometer light: Speedometer light: High beam warning: Neutral: Indicator warning: FI indicator/Oil pressure/Coolant temp. indicator:	NGK CR8E 0.7 – 0.8 mm YTX12-BS 12 V 36 kC (10 Ah)/10 HR 14.0 – 15.5 V at 5,000 rpm Approx. 375 W at 5,000 rpm 60 V (AC) and more at 5,000 rpm 30 A 15 A 15 A 10 A 15 A 10 A 15 A 60/55 W x 2 5 W x 2 21/5 W x 2 5 W 21 W x 4 LED LED LED LED LED LED

Throttle Body:	Idle RPM: 1,300 ± 100 Fast idle RPM: 1,800 – 2,400 at 25 °C Throttle cable play: 2.0 – 4.0 mm
Fuel System:	Fuel pump discharge: 168 ml and more / 10 seconds Fuel pressure regulator: Approx. 3.0 kg/cm ²
Cooling System:	Coolant: 50:50 ratio of distilled water and anti-freeze/coolant compatible with aluminium radiators. Quantity: Approx. 250 ml reserve tank side Approx. 1,650 ml engine side Fan Off → On: Approx. 98 °C On → Off: Approx. 92 °C
Chassis:	Front tyre: Bridgestone TW101 F Front tyre size: 110/80 R19 M/C (59H) Front wheel rim size: 19 M/C x MT 2.50 Front tyre pressure: Solo: 2.25 kg/cm ² Dual: 2.25 kg/cm ² Rear tyre: Bridgestone TW152 F Rear tyre size: 150/70 R17 M/C (69H) Rear wheel rim size: 17 M/C x MT 4.00 Rear tyre pressure: Solo: 2.50 kg/cm ² Dual: 2.80 kg/cm ² Fork oil: 10W-20 Fork oil capacity: 524 ml each leg Fork oil level: 143 mm without spring, outer fully compressed Fork pre-load: 3 rd groove from top / Spring adjuster height 9 mm Shock absorber pre-load: 2 nd groove from bottom Rebound damping: 1 turn out from stiffest position Wheel spindle torque: Front: 65 Nm Rear: 100 Nm Head bearing pre-load: 200 – 500 grams measured with a spring scale
Brakes:	Brake fluid: DOT 4 Brake disc thickness: Front: 5 mm (limit 4.5 mm) Rear: 5 mm (limit 4.5 mm) Brake disc run-out: Max 0.30 mm Rear brake pedal height: 15 – 25 mm