

SPECIFICATIONS

MODEL: VL800/C (L0)	E-02, 03, 19, 24, 28, 33
VL800T (L0)	E-03, 28, 33
VL800UE/CUE (L0)	E-19

DIMENSIONS AND CURB MASS

Overall length.....	2 500 mm (98.4 in)
Overall width.....	955 mm (37.6 in)
Overall height.....	1 110 mm (43.7 in)
Wheelbase.....	1 655 mm (65.2 in)
Ground clearance.....	140 mm (5.5 in)
Seat height.....	700 mm (27.6 in)
Curb mass.....	277 kg (611 lbs)

ENGINE

Type.....	4-stroke, Liquid-cooled, OHC, 45° V-twin
Number of cylinders.....	2
Bore.....	83.0 mm (3.268 in)
Stroke.....	74.4 mm (2.929 in)
Displacement.....	805 cm ³ (49.1 cu. in)
Compression ratio.....	9.4 : 1
Fuel system.....	Fuel injection
Air cleaner.....	Non-woven fabric element
Starter system.....	Electric
Lubrication system.....	Wet sump
Idle speed.....	1 100 ± 100 r/min

DRIVE TRAIN

Clutch.....	Wet multi-plate type
Transmission.....	5-speed constant mesh
Gearshift pattern.....	1-down, 4-up
Primary reduction ratio.....	1.690 (71/42)
Secondary reduction ratio.....	1.000 (30/30)
Gear ratios, Low.....	2.461 (32/13)
2nd.....	1.631 (31/19)
3rd.....	1.227 (27/22)
4th.....	1.000 (25/25)
Top.....	0.814 (22/27)
Final reduction ratio.....	3.503 (17/15 × 34/11)
Drive system.....	Shaft drive

CHASSIS

Front suspension.....	Telescopic, coil spring, oil damped
Rear suspension.....	Link type, coil spring, oil damped
Front suspension stroke.....	140 mm (5.5 in)
Rear wheel travel.....	105 mm (4.1 in)
Caster.....	33° 20'
Trail.....	141 mm (5.55 in)..... VL800T/UE 138 mm (5.43 in)..... VL800C/CUE
Steering angle.....	38° (right & left)
Turning radius.....	3.0 m (9.8 ft)
Front brake.....	Disc brake
Rear brake.....	Drum brake
Front tire.....	130/90-16M/C 67H, tube type..... VL800T/UE 130/90-16M/C 67H, tubeless..... VL800C/CUE
Rear tire.....	170/80-15M/C 77H, tube type..... VL800T/UE 170/80-15M/C 77H, tubeless..... VL800C/CUE

ELECTRICAL

Ignition type.....	Electronic ignition (Transistorized)
Ignition timing.....	7° B.T.D.C. at 1 100 r/min
Spark plug.....	NGK DR7EA or DENSO X22ESR-U..... E-02, 19, 24, 33 NGK DPR7EA-9 or DENSO X22EPR-U9..... E-03, 28
Battery.....	12V 36.0 kC (10 Ah)/10 HR
Generator.....	Three-phase A.C. generator
Main fuse.....	30A
Fuse.....	20/10/10/10/10/10A
Headlight.....	12V 60/55W (H4)
Position/Parking light.....	12V 5W..... E-02, 19
Brake/Tail light.....	LED
License light.....	12V 5W
Front turn signal light.....	12V 21W..... E-02, 19, 24
Front turn signal/Position light.....	12V 21/5W..... E-03, 28, 33
Rear turn signal light.....	12V 21W
Speedometer light.....	LED
Neutral indicator light.....	LED
High beam indicator light.....	LED
Turn signal indicator light.....	LED
Oil pressure/Coolant temperature indicator light.....	LED
Fuel injection indicator light.....	LED

CAPACITIES

Fuel tank.....	15.5 L (4.1/3.4 US/Imp gal)
Engine oil, oil change.....	3 000 ml (3.2/2.6 US/Imp qt)
with filter change.....	3 400 ml (3.6/3.0 US/Imp qt)
overhaul.....	3 700 ml (3.9/3.3 US/Imp qt)
Final gear oil.....	200 – 220 ml (6.8/7.0 – 7.4/7.7 US/Imp oz)
Coolant.....	1.5 L (1.6/1.3 US/Imp qt)