

TECHNICAL SPECIFICATIONS - CHASSIS 400 / 640 LC4 '98

	400/640 LC4 '98
Frame	Central chrome-moly-steel frame
Fork	WP Extreme
Wheel travel front/rear	280 / 320 mm (11 / 12.6 in)
Rear suspension	Central shock absorber WP IBS with PRO-LEVER linkage to rear- swing-arm with needle bearing
Front brake	Disc brake with carbon-steel brake disc Ø300 mm (11.8 in), brake caliper floated
Rear brake	Disc brake with carbon-steel brake disc Ø220 mm (8.7 in), brake caliper floated
Tyres front	90/90 - 21 Enduro 3
Air press. road, driver only	1.5 bar (22 psi)
Air press. road with passenger	2.0 bar (29 psi)
Tyres rear	140/80 - 18 Enduro 3
Air press. road, driver only	2.0 bar (29 psi)
Air press. road with passenger	2.2 bar (31 psi)
Fuel tank capacity	12 liter (3.2 US gallons), 2.5 liter (0.6 US gallons) reserve
Final drive ratio	400 LC4 = 15:45t 640 LC4 = 16:42t
Chain	O - Ring $\frac{5}{8}$ x $\frac{1}{4}$ "
Battery	maintenance-free battery 12V 8Ah
Steering angle	62,5 °
Wheel base	1510 ± 10 mm (59.4 ± 0.4 in)
Seat high	955 mm (37.6 in)
Ground clearance	355 mm (13.8 in)
Dead weight without fuel	136kg (300 lbs)
Max. permissible front axle load	211 kg (465 lbs)
Max. permissible rear axle load	335 kg (740 lbs)
Max. permissible laden weight	350 kg (773 lbs)

STANDARD ADJUSTMENT - FORK	
	918S757
Compression adjuster	12
Rebound adjuster	12
Spring	4,4 N/mm
Spring preload	10 mm (0,4 in)
Air chamber length	160 mm (6,3 in)
Capacity per fork leg	ca 800 cc
Fork oil	SAE5

STANDARD-ADJUSTMENT - SHOCK ABSORBER	
	118S701
Compression adjuster	3
Rebound adjuster	5
Spring	66/260
Spring preload	23 mm (0,9 in)

TORQUES			
Collar screw front axle	M10	40 Nm	(30 ft.lb)
Brake caliper front	M8	Loctite 242 + 25 Nm	(20 ft.lb)
Collar nut rear axle	M20x1,5	80 Nm	(60 ft.lb)
Hex. nut swing arm bolt	M14x1,5	100 Nm	(74 ft.lb)
Clamping screw upper fork bridge	M8	25 Nm	(11 ft.lb)
Clamping screw lower fork bridge	M8	20 Nm	(15 ft.lb)
Clamping screws fork stubs	M8	10 Nm	(7 ft.lb)
Other screws chassis	M6	10 Nm	(7 ft.lb)
	M8	25 Nm	(20 ft.lb)
	M10	45 Nm	(33 ft.lb)