

TECHNICAL SPECIFICATIONS - CHASSIS 640 LC4 ADVENTURE 2003

640 LC4 Adventure	
Frame	Central chrome-moly-steel frame
Fork	WP USD MXMA 4860
Wheel travel front/rear	275/300 mm (10,5/12 in)
Rear suspension	Central shock absorber (WP BAVP3612) with PRO-LEVER linkage to rear-swingarm with needle bearing
Front brake	Disc brake with carbon-steel brake disc Ø 320 mm (11,8 in), brake caliper floated
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8,7 in), brake caliper floated
Tyres front	90/90-21 Enduro3
Air pressure offroad	1,8 bar (21 psi)
Air press. road, driver only	2,0 bar (29 psi)
Tyres rear	140/80-18 Enduro3
Air press. road, driver only	2,0 bar (29 psi)
Air press. road, with passenger	2,2 bar (32 psi)
Fuel tank capacity	28 liter (7,4 US gallons) of that 3,5 liter (0,9 US gallons) reserve
Final drive ratio	16 : 42
Chain	5/8 x 1/4 "X-Ring
Lampenbestückung	head light H1 12V 55W (Sockel P14,5S) parking light 12V 2W (Sockel Ba9s) brake- rear light 12V 21/5W (Sockel BaY15d) flasher light 12V 10W (Sockel Ba15s) license plate illintion 12V 5W (Sockel W2,1x9,5d)
Battery	maintenance-free battery 12V 8Ah
Steering angle	62,5°
Wheel base	1510 ± 10 mm (59,4 ± 0,4 in)
Seat high	945 mm (37,2 in)
Ground clearance	315 mm (12,4 in)
Dead weight without fuel	158 kg (340 lbs)
Max. permissible front axle load	150 kg (331 lbs)
Max. permissible rear axle load	230 kg (507 lbs)
Max. permissible laden weight	380 kg (839 lbs)

STANDARD ADJUSTMENT - FORK	
	WP 4860 MXMA 1418X728
Compression adjuster	14
Rebound adjuster	14
Spring	4,4 N/mm
Spring preload	4 mm
Air chamber length	120 mm
Capacity per fork leg	ca 420 ccm
Fork oil	SAE 5

STANDARD-ADJUSTMENT - SHOCK ABSORBER	
	WP BAVP3612 0118X726
Compression adjuster	6
Rebound adjuster	7
Spring	70/260
Spring preload	27 mm (0,9 in)

TIGHTENING TORQUES - CHASSIS 640 LC4 ADVENTURE			
Collar nut front axle	M16x1,5	40 Nm	(30ft.lb)
Collar nut rear axle	M20x1,5	80 Nm	(59ft.lb)
Shock absorber top/bottom	M10	45 Nm	(33ft.lb)
Collar screws brake disk front/rear	M6 (10,9)	Loctite 243 + 10Nm	(7ft.lb)
Screw brake caliper front	M8	Loctite 243 + 25 Nm	(19ft.lb)
Bearing bolt linkage arm/frame	M12	60 Nm	(44ft.lb)
Collar nuts rocker arm bolts	M14x1,5	100 Nm	(74ft.lb)
Engine mounting screw	M10	45 Nm	(33ft.lb)
Sprocket screws on nuts	M8	Loctite 243 + 35 Nm	(25ft.lb)
Collar nut swingarm bolt	M14x1,5	100 Nm	(74ft.lb)
Clamping screws top triple clamp (MXMA 4860)	M8	20 Nm	(15ft.lb)
Clamping screws bottom triple clamp (MXMA 4860)	M8	15 Nm	(11ft.lb)
Clamping screws fork stubs	M8	10 Nm	(7ft.lb)
Spoke nipple	M4	4 Nm	(3ft.lb)
Other screws on chassis	M6	10 Nm	(7ft.lb)
	M8	25 Nm	(19ft.lb)
	M10	45 Nm	(33ft.lb)
Other collar nuts an chassis	M6	15 Nm	(11ft.lb)
	M8	30 Nm	(22ft.lb)
	M10	50 Nm	(37ft.lb)