

TECHNICAL SPECIFICATIONS – CHASSIS »

CHASSIS	640 LC4 ADVENTURE
Frame	Central chrome-moly-steel frame
Fork	WP Suspension Up Side Down MXMA 4860
Wheel travel front/rear	275/300 mm (10.5/12 in)
Rear suspension	Central shock absorber (WP Suspension BAVP4681) with PRO-LEVER linkage to rear-swingarm with needle bearing
Front brake	Disc brake, 2 perforated brake discs Ø 300 mm (11.8 in), brake caliper floated
Rear brake	Disc brake, perforated brake disc Ø 220 mm (8.7 in), brake caliper floated
Tyres front	90/90-21 Enduro 3
Air press. road, driver only	1.8 bar (21 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 (32 psi)
Fuel tank capacity	25.5 liter (6.7 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 lightH1 12V 55W (socket P14.5S) parking light12V 2W (socket Ba9s) brake- rear light12V 21/5W (socket BaY15d) flasher light12V 10W (socket Ba15s) license plate illintion12V 5W (socket W2.1x9.5d)
Battery	12V 8.6 Ah
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	
640 LC4 ADVENTURE	WP 4860 MXMA 14187B26
Compression adjuster	16
Rebound adjuster	12
Spring	4.6 N/mm
Spring preload	4 mm
Air chamber length	120 mm
Fork oil	SAE 5

STANDARD-ADJUSTMENT – SHOCK ABSORBER	
640 LC4 ADVENTURE	WP BAVP 4681 01187B04
Compression adjuster	6
Rebound adjuster	7
Spring	70/260
Spring preload	27 mm

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TIGHTENING TORQUES – CHASSIS 640 LC4 ADVENTURE		
Collar nut front axle	M16x1,5	40 Nm
Collar nut rear axle	M20x1,5	80 Nm
Shock absorber top/bottom	M10	45 Nm
Collar screws brake disk front/rear	M6 (10.9)	Loctite 243 + 10 Nm
Screw brake caliper front	M8	Loctite 243 + 25 Nm
Bearing bolt linkage arm/frame	M12	60 Nm
Collar nuts rocker arm bolts	M14x1,5	100 Nm
Engine mounting screw	M10	45 Nm
Sprocket screws on nuts	M8	Loctite 243 + 35 Nm
Collar nut swingarm bolt	M14x1,5	100 Nm
Clamping screws top triple clamp	M8	20 Nm
Clamping screws bottom triple clamp	M8	15 Nm
Clamping screws fork stubs	M8	15 Nm
Bleeder screw oil reservoir frame	M16x1,5	25 Nm
Spoke nipple	WS 7	4 Nm (3 - 6 Nm)
Other screws on chassis	M6	10 Nm
	M8	25 Nm
	M10	45 Nm
Other collar nuts an chassis	M6	15 Nm
	M8	30 Nm
	M10	50 Nm