

TECHNICAL SPECIFICATIONS - CHASSIS »

	640 LC4 ENDURO	640 LC4 SUPERMOTO
Frame	Central chrome-moly-steel frame	
Fork	WP Suspension – Up Side Down 4357 MXMA	WP Suspension - Up Side Down 4860 MXMA
Wheel travel front/rear	275 / 275 mm	275 / 260 mm
Rear suspension	Central shock absorber (WP BAVP) with PRO-LEVER linkage to rear- swing-arm with needle bearing	
Front brake	Disc brake with carbon-steel brake disc, 2-piston brake caliper floated	Disc brake with carbon-steel brake disc, 4-piston brake caliper
Front brake disc	Ø 300 mm	Ø 320 mm
Rear brake	Disc brake with carbon-steel brake disc B 220 mm (8.8 in), brake caliper floated	
Tyres front	90/90-21	120/70-17
Air press. road, driver only	1.8 bar	2.0 bar
Air press. road with passenger	2.0 bar	2.2 bar
Tyres rear	130/80-18	160/60-17
Air press. road, driver only	2.0 bar	2.2 bar
Air press. road with passenger	2.2 bar	2.4 bar
Fuel tank capacity	11.2 liter, 2.5 liter reserve	
Final drive ratio	16:42t	17:42t
Chain	5/8 x 1/4" X-Ring	
Headlight	H4 12V 60/55 W (socket P43t)	H4 12V 60/55 W (socket P43t)
Parking light	12V 5W (socket W2,1x9,5d)	12V 5W (socket W2,1x9,5d)
Instrument lights	LED	LED
Indicator lamps	LED	LED
Brake light	12V 21/5W (socket BaY15d)	12V 10W (socket Ba15s)
Rear light	12V 21/5W (socket BaY15d)	12V 5W (socket W2,1x9,5d)
Flasher light	12V 10W (socket Ba15s)	12V 10W (socket Ba15s)
License plate illumination	12V 5W (socket W2,1x9,5d)	12V 5W (socket W2,1x9,5d)
Battery	maintenance-free battery 12V 8,6 Ah	
Steering angle	62°	63°
Wheel base	1510 ± 10 mm (59.4 ± 0.4 in)	
Seat high	910 mm	910 mm
Ground clearance	300 mm	280 mm
Dead weight without fuel	144 kg	145 kg
Max. permissible front axle load	150 kg	
Max. permissible rear axle load	200 kg	
Max. permissible laden weight	350 kg	

STANDARD ADJUSTMENT - FORK		
	640 LC4 Enduro	640 LC4 Supermoto
	WP 05187B02	WP 14187B07
Compression adjuster	20	23
Rebound adjuster	12	19
Spring	4.2 N/mm	4.6 N/mm
Spring preload	5 mm	28 mm
Air chamber length	150 mm	110 mm
Fork oil	SAE 5	SAE 5

STANDARD-ADJUSTMENT - SHOCK ABSORBER		
	640 LC4 Enduro	640 LC4 Supermoto
	WP 01187B03	WP 01187B02
Compression adjuster	3	4
Rebound adjuster	7	8
Spring	66 / 260	70 / 260
Spring preload	23.5 mm	20 mm

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TIGHTENING TORQUES - CHASSIS		
Collar nut front axle	M16x1.5	40 Nm
Collar nut rear axle	M20x1.5	80 Nm
Shock absorber top	M10	45 Nm
Shock absorber bottom	M10	45 Nm
Collar screws brake disk front/rear	M6 (10.9)	Loctite 243 + 10Nm
Screw brake caliper front (Enduro)	M8	Loctite 243 + 25 Nm
Screw brake caliper front (Supermoto)	M10	Loctite 243 + 45 Nm
Bearing bolt linkage arm/frame	M12	60 Nm
Collar nuts rocker arm bolts	M14x1.5	100 Nm
Engine mounting screw	M10	45 Nm
Ball joint for push rod	M8	Loctite 243 + 25 Nm
Sprocket screws on nuts	M8	Loctite 243 + 35 Nm
Hexagon 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
Screws handlebar clamp	M8	Loctite 243 + 20 Nm
Allen head screw handle bar support	M10	Loctite 243 + 20 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 on chassis	M6	15 Nm
	M8	30 Nm
	M10	50 Nm