

TECHNICAL SPECIFICATIONS - CHASSIS 400 / 620 EGS-E, R/XC e, LSE '97

	400/620 EGS-E, R/XC e	400/620 LSE
Frame	Central chrome-moly-steel frame	
Fork	WP-Up Side Down Topadjuster 4054 IBS	
Wheel travel front/rear	300 / 320 mm (11,8 / 12,6 in)	220 / 240 mm (8,7 / 9,5 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 T63 54S	100/90 - 19 57S MT60
Air press. road, driver only	1,5 bar (22 psi)	1,5 bar (22 psi)
Air press. road with passenger	2,0 bar (29 psi)	2,0 bar (29 psi)
Tyres rear	130/80 - 18 T63 66S 140/80 - 18 70R	130/80 - 17 65H MT60 140/80 - 17 70R
Air press. road, driver only	2,0 bar (29 psi)	2,0 bar (29 psi)
Air press. road with passenger	2,2 bar (31 psi)	2,2 bar (31 psi)
Fuel tank capacity	11,3 liter (3 US gallons) or 20 liter (5,3 US gallons),	1,5 liter (0,4 US gallons) reserve
Final drive ratio	400 EGS-E 15:45t 400 R/XC e 16:45t 620 EGS-E 16:40t 620 R/XC e 16:40t	400 LSE 15:45t 620 LSE 16:38t
Chain	O – Ring $\frac{5}{8} \times \frac{1}{4}$ "	
Battery	maintenance-free battery 12V 8Ah	
Steering angle	62,5 °	61,8 °
Wheel base	1510 ± 10 mm (59,4 ± 0,4 in)	1480 ± 10 mm (58,3 ± 0,4 in)
Seat high	940 mm (37 in)	870 mm (34,3 in)
Ground clearance	350 mm (13,8 in)	290 mm (11,4 in)
Dead weight without fuel	400: 137kg (302,4 lbs) 620: 139 kg (306,8 lbs)	
Max. permissible front axle load	151 kg (333 lbs)	
Max. permissible rear axle load	297 kg (656 lbs)	
Max. permissible laden weight	350 kg (773 lbs)	

STANDARD ADJUSTMENT - FORK		
	K4T96L3	K4T97K3
Compression adjuster	10	14
Rebound adjuster	14	14
Spring	4,4 N/mm	5,5 N/mm
Spring preload	10 mm (0,4 in)	10 mm (0,4 in)
Air chamber length	130 mm (5 in)	140 mm (5,5 in)
Capacity per fork leg	ca 500 cc	ca 500 cc
Fork oil	SAE5	SAE5

STANDARD-ADJUSTMENT - SHOCK ABSORBER		
	K4T96S	K4T97K
Compression adjuster	3	3
Rebound adjuster	4	5
Spring	66/260	70/240
Spring preload	23 mm (0,9 in)	23 mm (0,9 in)

TORQUES			
Collar screw front axle	M 10	50 Nm	(37 ft.lb)
Collar nut rear axle	M 20x1,5	100 Nm	(74 ft.lb)
Hex. nut swing arm bolt	M 14x1,5	100 Nm	(74 ft.lb)
Clamping screw upper fork bridge	M 8	20 Nm	(15 ft.lb)
Clamping screw lower fork bridge	M 8	15 Nm	(11 ft.lb)
Clamping screws fork stubs	M 7	7 Nm	(5 ft.lb)
Other screws chassis	M6	5 Nm	(3,7 ft.lb)
	M8	30 Nm	(22 ft.lb)
	M10	50 Nm	(37 ft.lb)