

TECHNICAL SPECIFICATIONS CHASSIS 250 / 300 / 380 SX / MXC / EXC '98

| | 250/380SX | 300/380 MXC | 250/300/380 EXC |
|-----------------------------|---|---------------------------|---|
| Frame | Central chrome-moly-steel frame | | |
| Fork | WP Extreme Ø 50 mm | | |
| Wheel travel front/rear | 300/340 mm (11.8/13.4 in) | | |
| Rear suspension | Central shock absorber (Öhlins) with PRO-LEVER linkage to swingarm | | |
| Front brake | Disc brake with carbon-steel brake disc Ø 260 mm (10.2 in), brake caliper floated | | |
| Rear brake | Disc brake with carbon-steel brake disc Ø 220 mm (8.7 in), brake caliper floated | | |
| Front tires | 80/100 - 21" 51M | 80/100 - 21" 51M | 90/90 - 21" 51R |
| Air pressure offroad | 1.0 bar (14 psi) | 1.0 bar (14 psi) | 1.0 bar (14 psi) |
| Air press. road driver only | - | - | 1.5 bar (21 psi) |
| Rear tires | 110/90 - 19" 62M | 110/100 - 18" 64M | 140/80 - 18" 70R |
| Air pressure offroad | 1.0 bar (14 psi) | 1.0 bar (14 psi) | 1.0 bar (14 psi) |
| Air press. road driver only | - | - | 2.0 bar (28 psi) |
| Fuel tank capacity | 7.5 liter (2 US gallons) | 12 liter (3.2 US gallons) | 9 oder 12 liter (2.4 or 3.2 US gallons) |
| Final drive ratio | 14:50t | 14:52t | 14:50t |
| Chain | 5/8 x 1/4" | | |
| Steering head angle | 63.5° | | |
| Wheel base | 1481 ± 10 mm (58.3 ± 0.4 in) | | |
| Seat height, unloaded | 925 mm (36.4 in) | | |
| Ground clearance, unloaded | 380 mm (15 in) | | |
| Dead-weight without fuel | 98,5 kg (217.4 lbs) | 102.5 kg (226.3 lbs) | 103.7 kg (229 lbs) |

| STANDARD ADJUSTMENT - FORK | | |
|----------------------------|-----------------|-----------------|
| | WP 09.18.S7.41 | WP 09.18.S7.42 |
| Compression adjuster | 12 | 10 |
| Rebound adjuster | 14 | 14 |
| Spring | 4.0 N/mm | 4.2 N/mm |
| Spring preload | 5 mm (0,2in) | 5 mm (0,2in) |
| Air chamber length | 160 mm (6.3 in) | 155 mm (6.1 in) |
| Capacity per fork leg | approx. 750 ccm | approx. 750 ccm |
| Fork oil | SAE 5 | SAE 5 |

NOTE:

The damping units in the left and the right fork leg are of different design. Make sure not to mix them up in case of repair or service jobs.

| STANDARD-ADJUSTMENT - SHOCK ABSORBER | | |
|--------------------------------------|----------------|----------------|
| | WP 12.18.S7.03 | WP 12.18.S7.04 |
| Compression adjuster | 3 | 4 |
| Rebound adjuster | 13 | 10 |
| Spring | 80-250 | 84-250 |
| Spring preload | 5 mm (0.2 in) | 4mm (0.16 in) |

| TORQUES | | |
|-----------------------------------|----------|-----------------------------------|
| Collar screw front wheel spindle | M 10 | 40 Nm (30 ft.lb) |
| Brake caliper front | M 8 | 30 Nm (22 ft.lb) + Loctite 242 |
| Clamping screws upper fork bridge | M 8 | 15 Nm (11 ft.lb) |
| Clamping screws lower fork bridge | M 8 | 20 Nm (15 ft.lb) |
| Clamping screws fork stubs | M 8 | 10 Nm (7 ft.lb) |
| Collar nut rear wheel spindle | M 20x1,5 | 80 Nm (59 ft.lb) |
| Hexagon nut swing arm bolt | M 14x1,5 | 100 Nm (74 ft.lb) |
| Shock absorber top | M 12 | 60 Nm (44 ft.lb) |
| Shock absorber bottom | M 12 | 40 Nm (30 ft.lb) |
| Other screws on chassis | M 6 | 10 Nm (7 ft.lb) |
| | M 8 | 25 Nm (22 ft.lb) |
| | M 10 | 45 Nm (37 ft.lb) |