

SPRINT ST and SPRINT RS (2002 to 2004 model year)

Engine								
Bore/Stroke	79 x 65mm	Displacement	955cc					
Valve Clearance	Inlet 0.10 mm – 0.20 mm Exhaust 0.20 mm – 0.30 mm							
Fuel System								
Fuel Pump Type	Submerged	Fuel Type	Unleaded, 95 RON					
Fuel Pressure (nominal)	3.0 Bar	Fuel Injection Type	Electronic, Sequential					
Throttle Cable Free Play	2–3 mm*							
Clutch								
Clutch Actuation Method	Cable	Cable Free Play (at lever)	0.4 – 0.8 mm*					
Battery								
Battery rating	12V – 12 Ah							
Charge rate must not exceed 1.2A (except for a boost charge of 6A for no longer than 1 hour)*								
Brakes								
Brake Fluid	DOT 4	Friction Material Min Thickness	1.5 mm (front & Rear)					
Brake Disc Max Run Out (front & rear)	0.3 mm	Front Brake Disc Min Thickness	3.5 mm					
Rear Brake Disc Min Thickness	5.0 mm							
Final Drive								
Drive Chain 20 Link Length	(less than) 321 mm	Chain Lubrication	Mobil Chain Spray					
Drive Chain Free Play		35 – 40 mm (with the suspension on full drop)						
Ignition System								
Electronic Rev Limiter	9600 rpm	Spark Plug Type	NGK CR9EK					
Spark Plug Gap	0.7 mm							
Lubrication								
Grease	Mobil HP 222							
Oil Grade	10w/40 or 15w/50 oil conforming to API SH (or higher) <u>AND</u> JASO MA specification							
Fill Quantity**	3.2 litres (oil and filter change). Always refer to dipstick/filler plug markings for correct oil level*							
Suspension								
Front Fork Travel	127 mm	Recommended Fork Oil grade	SAE 10W					
Oil Volume (dry fill)	459 cc	Rear Wheel Travel	120 mm					
Oil Level (fork fully compressed)	145 mm							
Tyre Pressures (cold)								
Front Tyre	2.2 Bar (31 lb/in ²) (twin sided swing arm)/2.5 Bar (36 lb/in ²) (single sided swing arm)							
Rear Tyre	2.6 Bar (37 lb/in ²) (twin sided swing arm)/2.9 Bar (41 lb/in ²) (single sided swing arm)							
Torque Wrench Settings								
Spark Plug	12 Nm	Sump Plug	25 Nm					
Oil Filter	10 Nm	Airbox Mounting Bolts	5 Nm					
Front Brake Caliper Bolts	40 Nm	Rear Brake Caliper Bolts	40 Nm					
Brake Hose Banjo Bolts	25 Nm	Rear Brake Master Cyl Bolts	27 Nm					
Camshaft Cover Bolts	10 Nm	Front Wheel Spindle Nut	61 Nm					
Front Wheel Spindle Clamp	20 Nm	Steering Head Bearing Nut	40 Nm					
Brake Caliper Bleed Nipples	5 Nm	Brake Pad Retaining Pins	20 Nm					
Fuel Tank Mounting Bolts	(front) 8 Nm (rear) 5 Nm	Rear Wheel Spindle Nut	(single sided swing arms) 146 Nm (twin sided swing arms) 110 Nm					
Service Parts Information								
Part Number	Description	Odometer Reading In Miles (Kms), Time Period						
		500 (800) 1 Month	6000 (10000) 1 Year	12000 (20000) 2 Years	18000 (30000) 3 Years	24000 (40000) 4 Years	30000 (50000) 5 Years	
T3550092	Sump Plug Washer	•	•	•	•	•	•	
T1210444	Oil Filter	•	•	•	•	•	•	
T2201751	Air Cleaner			•		•		
T1290023	Spark Plug				•			
T1240850	Fuel Filter			•		•		
2020071–T0301	Rear Brake Pad Set	As Necessary						
T2020245	Front Brake Pad Set	As Necessary						
T2012534	Stake nut	As Necessary						
Standard Service Time Allowance (Hrs)		Sprint RS	1.15	1.15	4.70	1.15	4.70	1.15
		Sprint ST	1.15	1.15	4.80	1.15	4.80	1.15