

***Sprint ST & Sprint RS from 2002 Model Year***      ***Repair Operation Times***

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Repair Code	Description	Sprint ST	Sprint RS
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**CRANKSHAFT**

1110.01.01	Crankshaft – renew .....	09.60	09.50
1110.20.02	Main bearings – set – renew .....	09.60	09.50

**PISTONS & CONNECTING RODS/LINERS**

1112.01.01	Piston – single – renew .....	06.00	05.90
1112.01.02	Pistons – engine set – renew .....	06.55	06.45
1112.02.03	Piston ring set – single – renew .....	06.05	05.95
1112.02.04	Piston rings – engine set – renew .....	06.45	06.35
1112.20.05	Connecting rod – single – renew .....	09.45	09.35
1112.20.06	Connecting rods – engine set – renew .....	10.30	10.20
1112.30.07	Cylinder liner – single – renew .....	06.00	05.90
1112.30.08	Cylinder liners – engine set – renew .....	06.55	06.45

**VALVES**

(operations include adjustment of valve clearances where necessary)

1113.01.01	Inlet valve – single – renew .....	06.00	05.90
1113.01.02	Inlet valve – extra each – renew .....	00.20	00.20
1113.02.03	Exhaust valve – single – renew .....	06.00	05.90
1113.02.04	Exhaust valve – extra each – renew .....	00.20	00.20
1113.30.05	Valve stem seals – engine set – renew .....	06.85	06.75

**CAMSHAFT & DRIVE**

(operations include adjustment of valve clearances where necessary)

1114.01.01	Camshaft – inlet – renew .....	02.85	02.85
1114.02.02	Camshaft – exhaust – renew .....	02.85	02.85
1114.22.03	Cam chain – renew .....	03.70	03.70
1114.30.04	Camchain tensioner – renew .....	01.85	01.85
1114.31.05	Camchain tensioner blade – renew .....	01.90	01.90
1114.32.06	Camchain rubbing blade – renew .....	05.75	05.75
1114.34.07	Gasket, camchain tensioner – renew .....	01.85	01.85
1114.40.08	Tappet bucket – single – renew .....	02.90	02.90
1114.41.09	Valve clearances – engine set – adjust .....	03.25	03.25

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<b>CYLINDER HEAD</b> (operations include adjustment of valve clearances where necessary)			
1115.01.01	Cylinder head assembly - renew .....	07.35	07.25
1115.02.02	Gasket, cylinder head - renew .....	05.75	05.65
<b>CRANKCASE</b>			
1116.01.01	Crankcase assy - renew .....	13.05	12.95
<b>CLUTCH</b>			
1117.01.01	Clutch assembly - renew .....	01.35	01.10
1117.02.02	Friction plates - set - renew .....	01.05	00.80
1204.50.05	Clutch cable - renew .....	00.40	00.40
<b>TRANSMISSION</b>			
1118.01.01	Input shaft - overhaul .....	08.15	08.05
1118.20.02	Output shaft - overhaul .....	07.60	07.50
1118.25.03	Transmission shafts - both - overhaul .....	08.45	08.35
1118.40.04	Output sprocket - renew .....	00.35	00.35
<b>GEAR SELECTION</b>			
1119.01.01	Gear selection drum - renew .....	07.95	07.85
1119.20.02	Selector shaft - renew .....	07.35	07.25
1119.30.03	Gearchange pedal - renew .....	00.10	00.10
<b>BALANCER</b>			
1120.01.01	Balancer assembly - renew .....	07.65	07.55
<b>LUBRICATION</b>			
1121.01.01	Camshaft oil pipe - renew .....	00.45	00.45
1121.30.03	Oil pump - renew .....	07.45	07.35
1121.40.04	Oil filter - renew .....	00.30	00.30
1121.31.05	Oil pump drive gears - renew .....	07.50	07.40

Repair Code	Description	Sprint ST	Sprint RS
<b>ALTERNATOR &amp; STARTER DRIVE</b>			
1122.10.02	Starter Idler gear - renew	00.75	00.55
1122.11.03	Sprag clutch - renew	00.80	00.60
<b>SUMP</b>			
1123.01.01	Sump - renew	01.55	01.45
1123.02.02	Sump gasket - renew	01.55	01.45
<b>EMISSIONS CONTROL</b>			
1125.01.01	Secondary air injection valve - renew	00.75	00.75
1125.01.03	Secondary air injection solenoid - renew	00.35	00.35
<b>FUEL INJECTION / ENGINE MANAGEMENT</b>			
1124.50.01	Throttle bodies - set - renew	01.75	01.75
1124.55.02	Fuel injector - single - renew	01.00	01.00
1124.55.03	Fuel injectors - set - renew	01.05	01.05
1124.52.04	Throttle potentiometer - renew	01.10	01.10
1124.30.06	Fuel rail - renew	01.00	01.00
1124.30.07	Fuel supply hose - renew	00.80	00.80
1124.30.08	Fuel return hose - renew	00.80	00.80
1124.80.10	Crankshaft position sensor - renew	00.90	00.70
1124.88.12	Intake air temperature sensor - renew	00.35	00.35
1124.92.14	Electronic control module - carry out diagnostic routine	00.10	00.10
1124.92.15	Electronic control module - renew	00.40	00.40
1124.46.16	Purge valve - renew	00.20	00.20
1124.70.17	Idle air control valve - renew	00.40	00.40
1124.71.18	Idle air control valve manifold - renew	00.40	00.40
<b>ENGINE COVERS</b>			
1126.01.01	Cam cover - renew	00.75	00.75
1126.02.02	Cam cover seal - renew	00.75	00.75
1126.20.04	Clutch cover - renew	01.30	01.10
1126.30.05	Sprocket cover - renew	00.10	00.10
1126.50.06	Crankshaft cover - left hand - renew	00.45	00.25

Repair Code	Description	Sprint ST	Sprint RS
<b>FRONT WHEEL</b>			
1200.01.01	Front wheel – remove and refit	00.35	00.35
1200.30.03	Speedometer drive – renew	00.60	00.60
<b>REAR WHEEL &amp; FINAL DRIVE</b>			
1201.01.01	Rear wheel – remove and refit	00.20	00.15
1201.30.03	Sprocket/carrier – renew	00.35	00.30
1201.40.04	Drive chain – renew	00.30	00.30
1201.40.05	Drive chain – adjust	00.10	00.10
1201.41.06	Chain rubbing strip – renew	00.55	00.60
1201.50.07	Chain guard – renew	00.15	00.15
1201.55.09	Rear wheel alignment – adjust	-	00.05
<b>BRAKES</b> (Brake pads renewed as wheel set)			
1202.01.01	Brake discs – set – front – renew	00.50	00.50
1202.02.02	Brake caliper – front – each – renew	00.35	00.35
1202.03.03	Brake pads – front – set – renew	00.25	00.25
1202.10.04	Front master cylinder – renew	00.25	00.25
1202.11.05	Brake lever – renew	00.05	00.05
1202.12.06	Brake light switch – renew	00.20	00.20
1202.20.07	Brake hose – front upper – renew	00.25	00.25
1202.20.08	Brake hose – front lower – single – renew	00.25	00.25
1202.50.10	Brake disc – rear – renew	00.50	00.45
1202.51.11	Brake caliper – rear – renew	00.45	00.45
1202.52.12	Rear brake pads – set – renew	00.40	00.45
1202.70.14	Rear master cylinder – renew	00.40	00.40
1202.71.15	Brake pedal – renew	00.15	00.15
1202.72.16	Rear brake light switch – renew	00.15	00.15
1202.80.17	Rear brake hose – renew	00.45	00.45

Repair Code	Description	Sprint ST	Sprint RS
<b>FRONT SUSPENSION &amp; STEERING</b>			
1204.01.01	Front fork – single – renew	00.70	00.70
1204.01.02	Front fork – pair – renew	00.90	00.90
1204.02.04	Front fork – single – overhaul	01.20	01.20
1204.03.04	Front fork – pair – overhaul	01.90	01.90
1204.10.05	Top yoke – renew	00.65	00.65
1204.11.06	Lower yoke and spindle – renew	02.85	02.85
1204.20.07	Headstock bearings – set – renew	02.85	02.85
1204.21.08	Headstock bearings – adjust	00.15	00.15
1204.50.09	Handlebar – single – renew	00.15	00.15
1204.51.10	Handlebar end weight – renew	00.05	00.05
1204.60.11	Throttle cable – renew	01.00	01.00
<b>REAR SWINGING ARM &amp; REAR SUSPENSION</b>			
1205.01.01	Swinging arm – renew	01.65	01.45
1205.50.04	Rear suspension unit – renew	00.70	00.70
1205.60.06	Drag link – renew	00.20	00.20
1205.61.08	Drop link – set – renew	00.20	00.20
<b>FRAME</b>			
1207.01.01	Frame – renew	07.40	07.30
<b>FOOTRESTS</b>			
1208.30.01	Control plate – single – renew	00.20	00.20
1208.31.02	Rear footrest hanger – right hand – renew	00.25	00.25
1208.31.03	Rear footrest hanger – left hand – renew	00.20	00.20
1208.32.04	Footrest assembly – front – single – renew	00.05	00.05
1208.32.05	Footrest assembly – rear – single – renew	00.05	00.05
1208.40.06	Side stand assembly – renew	00.60	00.60
1208.40.07	Side stand leg – renew	00.15	00.15
1208.41.08	Side stand switch – renew	00.70	00.70
1208.50.09	Centre stand – renew	00.15	N/A

Repair Code	Description	Sprint ST	Sprint RS
<b>COOLING SYSTEM</b>			
1210.01.01	Oil cooler - renew	00.50	00.50
1210.10.02	Oil cooler pipe - single - renew	00.60	00.60
1210.30.04	Water pump - renew	00.70	00.50
1210.36.06	Thermostat - renew	00.55	00.55
1210.40.07	Radiator - renew	01.05	01.05
1210.45.09	Cooling fan - renew	01.05	01.05
1210.50.11	Expansion tank - renew	00.45	00.45
1210.60.13	Sensor - coolant temperature gauge - renew	00.30	00.30
<b>AIRBOX &amp; EXHAUST</b>			
1220.01.01	Airbox assembly - renew	00.40	00.40
1220.01.09	Air filter element - renew	00.50	00.50
1220.50.04	Exhaust downpipes - set - renew	01.40	01.30
1220.60.05	Silencer - single - renew	00.15	00.15
<b>BODYWORK</b>			
1230.01.01	Cockpit - renew	00.80	00.70
1230.02.02	Lower fairing/cockpit side - renew	00.25	00.25
1230.02.03	Belly panel - renew	00.25	N/A
1230.03.03	Side panel - single - renew	00.30	00.30
1230.04.04	End cap - renew	00.30	00.30
1230.05.05	Front mudguard - renew	00.15	00.15
1230.06.06	Grab rail - renew	00.05	N/A
1230.10.07	Facia panel - right hand - renew	00.05	N/A
1230.10.08	Facia panel - left hand - renew	00.05	N/A
1230.20.11	Rear mudguard - renew	00.85	00.85
1230.30.12	Mirror - single - renew	00.05	00.05
1230.40.13	Windscreen - renew	00.20	00.15
1230.45.14	Seat - front - renew	00.10	00.10
1230.60.15	Cockpit subframe - renew	00.95	00.95

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<b>FUEL TANK</b>			
1240.01.01	Fuel tank - renew	00.90	00.90
1240.02.02	Fuel tank cap - renew	00.15	00.15
1240.20.01	Low fuel level sensor - renew	00.35	00.35
1240.60.02	Fuel pump - renew	00.80	00.80
1240.61.03	Fuel pressure regulator - renew	00.55	00.55
1240.61.04	Fuel filter - renew	00.80	00.80
<b>ELECTRICAL</b>			
1129.07.06	Coil single - renew	00.55	00.55
1250.06.01	Instrument assembly - renew	00.60	00.60
1250.07.02	Clock - renew	00.50	N/A
1250.08.01	Fuel gauge - renew	00.50	N/A
1250.10.03	Main harness - renew	04.30	04.20
1250.10.05	Engine harness - renew	01.20	01.15
1250.11.04	Oil pressure warning light switch - renew	00.40	00.40
1250.11.05	Neutral switch - renew	00.20	00.20
1250.20.05	Battery - renew	00.15	00.15
1250.31.13	Horn - renew	00.10	00.10
1250.32.07	Indicator unit - renew	00.50	00.50
1250.40.07	Alternator - renew	00.90	00.70
1250.42.09	Starter motor - renew	00.50	00.50
1250.50.10	Starter solenoid - renew	00.30	00.30
1250.70.11	Handlebar switch - right hand - renew	00.20	00.20
1250.71.12	Handlebar switch - left hand - renew	00.20	00.20
1250.10.18	Cooling fan relay - renew	00.10	00.10
1250.10.20	Main power relay - renew	00.10	00.10
1250.05.01	Warning light cluster - renew	00.45	N/A
1250.01.01	Tachometer - renew	00.45	N/A
1250.02.01	Speedometer - renew	00.50	N/A
1250.04.01	Temperature gauge - renew	00.45	N/A

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<b>Repair Code</b>	<b>Description</b>	<b>Sprint ST</b>	<b>Sprint RS</b>
<b>LIGHTING</b>			
1270.01.01	Indicator - right hand front - renew .....	00.40 .....	00.15
1270.01.02	Indicator - left hand front - renew .....	00.40 .....	00.15
1270.01.03	Indicator - right hand rear - renew .....	00.15 .....	00.15
1270.01.04	Indicator - left hand rear - renew .....	00.15 .....	00.15
1270.10.05	Headlamp - renew .....	00.50 .....	00.50
1270.20.06	Rear lamp - renew .....	00.15 .....	00.15