SPEC

EBS01001

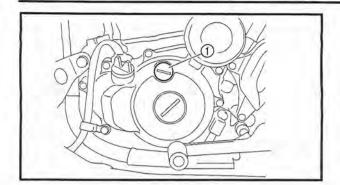
# **SPECIFICATIONS**

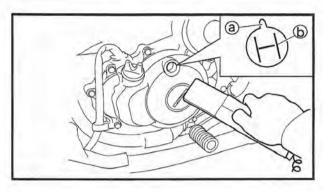
# **GENERAL SPECIFICATIONS**

Item	Standard		
Model code	5TG1		
Dimensions			
Overall length	1,840 mm (72.4 in)		
Overall width	1,170 mm (46.1 in)		
Overall height	1,090 mm (42.9 in)		
Seat height	800 mm (31.5 in)		
Wheelbase	1,280 mm (50.4 in)		
Minimum ground clearance	255 mm (10.04 in)		
Minimum turning radius	3,500 mm (137.8 in)		
Basic weight			
With oil and full fuel tank	169 kg (373 lb)		
Engine			
Engine type	Liquid-cooled 4-stroke, DOHC		
Cylinder arrangement	Forward-inclined single cylinder		
Displacement	439 cm <sup>3</sup> (26.79 cu in)		
Bore × stroke	95.0 × 62.0 mm (3.74 × 2.44 in)		
Compression ratio	11.9:1		
Starting system	Electric starter		
Lubrication system	Dry sump		
Oil type or grade			
Engine oil  0° 10° 30° 50° 70° 90° 110° 130°F  YAMALUBE4 (20W40) or SAE 20W40  YAMALUBE4 (10W30) or SAE 10W30	API service SE, SF, SG type or higher		
SAE 5W30 -20° -10° 0° 10° 20° 30° 40° 50°C			
Oil capacity			
Engine oil			
Periodic oil change	1.75 L (1.54 Imp qt, 1.85 US qt)		
With oil filter replacement	1.85 L (1.63 Imp qt, 1.96 US qt)		
Total amount	1.95 L (1.72 Imp qt, 2.06 US qt)		
Radiator capacity (including all routes)	1.3 L (1.14 Imp qt, 1.37 US qt)		
Air filter	Wet type element		
Fuel			
Туре	Premium unleaded gasoline only		
Fuel tank capacity	10.0 L (2.20 Imp gal, 2.64 US gal)		
Fuel reserve amount	1.9 L (0.42 Imp gal, 0.50 US gal)		

### CHECKING THE IGNITION TIMING/ CHECKING THE ENGINE OIL LEVEL







- 4. Check:
- · ignition timing

a. Warm up the engine and keep it at the specified speed.



Engine speed 1,750 ~ 1,850 r/min

- b. Remove the timing mark accessing screw 1).
- c. Visually check the stationary pointer ⓐ to verify it is within the required firing range ⓑ indicated on the A.C. magneto rotor. Incorrect firing range → Check the pulser coil assembly.
- d. Install the timing mark accessing screw.

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- 5. Remove:
- · fuel tank

NOTE:		
Slide the	a fual	tank

- 6. Detach:
- · timing light
- · engine tachometer
- 7. Install:
- · fuel tank
- side covers (left and right)
- · fuel tank cover
- seat
   Refer to "SEAT, FENDERS AND FUEL TANK".

#### EBS01101

### CHECKING THE ENGINE OIL LEVEL

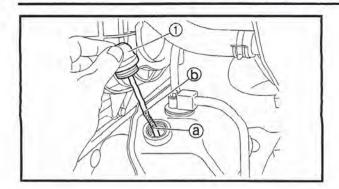
- 1. Place the machine on a level surface.
- Start the engine, warm it up until the engine oil has reached a normal temperature of 40 °C (104 °F), let it continue to idle for ten seconds, and then turn the engine off.

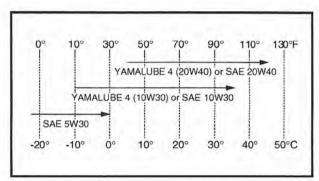
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To achieve the proper engine oil temperature for an accurate oil level reading, the engine must have first completely cooled down, and then warmed up again for several minutes to normal operating temperature.

## CHECKING THE ENGINE OIL LEVEL







3. Check:

engine oil level

Oil level should be between the minimum level mark (a) and the maximum level mark (b).

Low oil level → Add oil to the proper level.

NOTE:

- Wait a few minutes until the oil settles before checking the oil level.
- Do not screw the dipstick ① in when checking the oil level.



Recommended oil Follow the chart on the left.

NOTE: \_

Recommended oil classification:

API Service "SE", "SF", "SG" type or equivalent (e.g. "SF—SE—CC", "SF—SE—SD" etc.)

### CAUTION:

- Do not add any chemical additives.
   Engine oil also lubricates the clutch and additives could cause clutch slippage.
- Do not allow foreign material to enter the crankcase.
- Start the engine, warm it up for several minutes, and then turn it off.
- 5. Check:
- · engine oil level

NOTE: \_

Before checking the engine oil level, wait a few minutes until the oil has settled.