

# PRE-OPERATION CHECKS

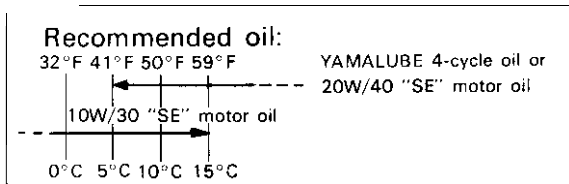
Before using this motorcycle check the following points:

Item	Routine	Page
Engine/transmission oil	Check for leakage/add oil as required	19, 41
Middle gear oil	Check for leakage/add oil as required	19, 44
Final drive gear oil	Check for leakage/add oil as required	19, 44
Fuel tank	Check fuel level/top-off as required	19
Brakes (front and rear)	Check for leakage/fluid level/operation	19, 34
Clutch	Check operation	21, 36
Tires	Check wear/pressure	21
Wheels	Check for cracks/bends/damage	22
<b>Battery</b>	Check electrolyte level/add distilled water as required	—
Throttle	Check for proper cable operation	56
Lights and signals	Check for proper operation	—
Fittings, fasteners	Check tightness, torque	33

## Engine/Transmission oil

Make sure the engine/transmission oil is at the specified level. Add oil as necessary.

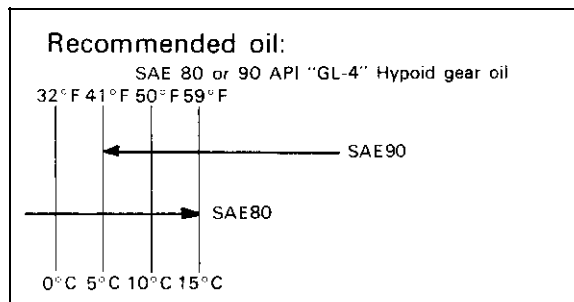
(See page 41)



## Middle gear/Final gear oil

Make sure the middle gear/final gear oil is at the specified level.

Add oil as necessary. (See page 44)



If desired, an SAE 80W/90 hypoid gear oil may be used for all conditions.

NOTE: \_\_\_\_\_  
"GL-4" is a quality and additive rating. "GL-5" or "GL-6" rated hypoid gear oils may also be used.

## Fuel

Make sure there is sufficient fuel in the tank.

## Recommended gasoline:

Regular or low lead gasoline

Fuel tank capacity:

17 liter (4.50 USgal)

## Brakes

### 1. Brake lever and brake pedal

Check for correct play in the front brake lever and rear brake pedal. Make sure they are working properly. Check the brakes at low speed shortly after start-out.

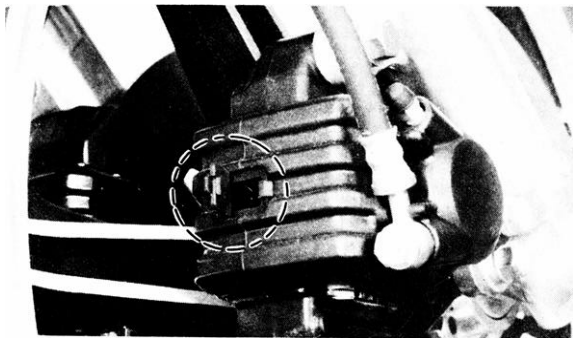
## 2 Brake fluid

Check the brake fluid level. (See page 35) Add fluid if necessary.

Recommended fluid:  
DOT #3

## 3. Checking the disc brake pads

To check, open the wear indicator cap.  
If any pad is worn to the red line, replace both pads as a set.



NOTE: \_\_\_\_\_  
When this brake service is necessary,  
have your Yamaha dealer replace the  
pads.  
\_\_\_\_\_

### Brake fluid **leakage**

Apply each brake for a few minutes. Check to see if any brake fluid leaks out from pipe joints or the master cylinder(s).

WARNING: -----  
If brake fluid leakage is found, ask your

**Yamaha dealer for immediate repairs. Such leakage could indicate a hazardous condition in the brake system.**

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### Clutch

**Check for correct play in the clutch lever and make sure the lever operates properly.**

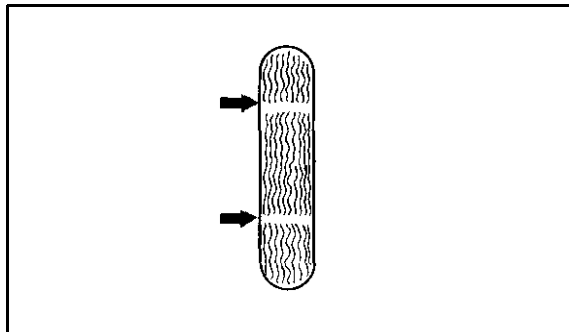
### Tires

Check the tire pressure and check the tires for wear.

### Tire pressure

Front	1.8 kg/cm <sup>2</sup> (26 psi)	Normal riding
Rear	2.0 ka/cm <sup>2</sup> (28 psi)	
Front	2.0 kg/cm <sup>2</sup> (28 psi)	With passenger or high speed riding (above 100 km/h or 60 mph)
Rear	2.3 kg/cm <sup>2</sup> (33 psi)	

**If a tire tread shows cross wise lines. it means that the tire is worn to its limit. Replace the tire.**



### WARNING:

**It is dangerous to ride with a worn-out tire. When a tire tread begins to show lines, have Your Yamaha dealer replace the tire immediately.**

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## **Wheels**

### **Inspection of aluminum wheels**

**Always inspect the aluminum wheels before a ride. Place the machine on the center stand and check for cracks, bends or warpage of the wheels. If any abnormal condition exists in a wheel. consult your dealer. Do not attempt even small repairs to the wheel. If a wheel is deformed or cracked, it must be replaced.**

### **CAUTION: \_\_\_\_\_**

**These aluminum wheels are not designed for use with tubeless tires. If you must change your own tires, use extreme caution with tire changing tools so as not to damage the wheel surface. Brake pad replacement. tire, tube and related wheel parts replacement should be left to a Yamaha service technician.**

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## **Battery**

**Check electrolyte level.**

### **Throttle grip**

**Turn the throttle grip to see if it operates properly and if the play is normal. Make certain the throttle spring closes when released.**