

## ● Brake Inspection and Adjustment

Brakes are items of personal safety and should always be maintained in proper adjustment.

### 1. Front Brake

The CB 750 front brake is a hydraulically operated caliper/disc type. This type brake will provide reliable operation and excellent braking qualities at much higher operating temperatures than the drum type brake.

When the brake lever is applied, brake fluid transmits the pressure to the brake piston in the caliper, pressing the friction pads against the disc. Brake fluid is a medium for transmitting pressure and plays a vital roll in the brake system.

Therefore when scheduled brake maintenance is performed, it is imperative that the front brake system is inspected to insure that there is no fluid leakage.

As the friction pads wear, additional fluid is taken into the system from the fluid

reservoir to compensate for the friction pad wear. Because of this feature, the **disc brake is self adjusting** and the brake control lever free travel will remain constant once the free travel has been established and providing the hydraulic system is free of air.

If the control lever free travel becomes excessive and the friction pads are not worn beyond the recommended limit (page 58), there is probably air in the brake system and it must be bled.

### 2. Brake Fluid

**WARNING: Brake fluid may be harmful if swallowed. May cause irritation, avoid contact with skin or eyes. If swallowed, induce vomiting by giving an emetic such as two tablespoonfuls of table salt in a glass of warm water and call a physician. In case of contact with skin or eyes, flush with plenty of water. Get medical attention for eyes. KEEP OUT OF THE REACH OF CHILDREN.**