

Fig. 4.17 Adjusting front brake  
 ① Front brake adjusting nut  
 ② Front brake cable

8. Connect the front brake cable and make the adjustment with the adjusting nut ① at the brake arm. Adjust so that there is 10 mm to 20 mm (0.40~0.80 in) of free travel at the brake lever. (Fig. 4.17)

#### 4.2 STEERING STEM

##### A. Construction

The steering stem is the pivot point for the front wheel and is supported in the frame head pipe by two sets of cone races and steel balls.

It is made of high strength heat treated steel to withstand the shock imposed by rough roads and also the high frequency vibration which tends to fatigue the metal.

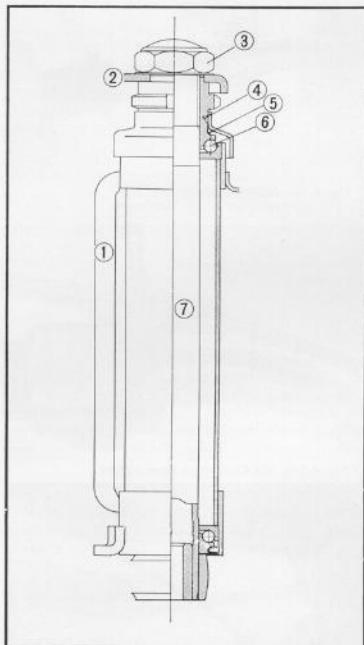


Fig. 4.18 A Steering stem section diagram (S90, CL90, CL90L)  
 ① Frame  
 ② Fork top bridge plate  
 ③ Steering stem nut  
 ④ Steering head top thread  
 ⑤ Cone race  
 ⑥  $\frac{3}{8}$  steel ball  
 ⑦ Steering stem

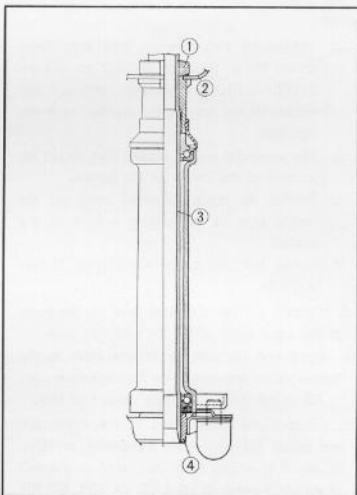


Fig. 4.18 B Steering stem section diagram (C90)  
 ① Steering head stem nut  
 ② Fork top bridge  
 ③ Steering stem  
 ④ Front fork bottom bridge