

Fig. 4.22 Steel balls  
① #6 steel balls

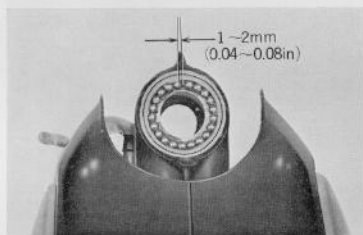


Fig. 4.23 Steel balls

#### (CD 90, C 90, CT 90)

1. For disassembly, refer to the respective front fork removal for CD90, C90 and CT 90 in 4.3.B.

#### CAUTION:

When removing the front fork, caution not to drop steel balls installed in the steering head. (Fig. 4.22)

#### (CT 90 Model From Frame No. 000001A)

1. Remove the handle lever in accordance with section 4.1.B (CT 90).
2. Unscrew the two front fork bolts and the steering stem nut and remove the fork top bridge.
3. Unscrew the two headlight mounting bolts and remove the headlight and then the left and right front fork cover.
4. Remove the front fender.
5. Raise the front wheel and place a stand under the engine unscrew the front axle nut, pull out the axle and remove the front wheel.
6. Loosen the front cushion mounting bolt on the front fork bottom bridge and drop the front fork assembly.
7. Loosen the steering head top thread using the 36 mm hook spanner and remove the steering stem out the bottom.

#### Note:

Exercise care not to drop the steel balls when removing the steering stem.

#### C. Inspection

1. Inspect the #6 steel balls for crack and wear.
2. Inspect steering stem for bend and twist.
3. Inspect the steering bottom and top cone races and ball races for scratches, wear and streaks.

#### D. Reassembly

1. Wash the cone and ball races and the steel balls, and pack with recommended new fiber grease.

#### NOTE:

The gap left after all 21 of the steel balls are installed should be between 1 to 2 mm (0.040~0.080 in) (Fig. 4.23)

2. Perform the reassembly in the reverse procedure of disassembly.

Exercise caution on the following points.

- (1) Do not drop the steel balls during the insertion of the steering stem.
- (2) Steering stem should be tightened so that only a slight pressure is required to start the wheel moving to either side under its own weight while raising the wheel off the ground, however, it should not be loose to the extent that excessive clearance is evident in the vertical side, and fore and aft direction when checked with the wheel raised off the ground.