



Fig. 124 Steering stem removal  
① Steering stem

### B. Inspection

- 1) Check the condition of both inner cable and casing of the control cables for operation, action and damages. If the cable does not move smoothly, apply grease or replace with new one. If the outer cable is damaged, repair with the plastic tape or replace with new one.
- 2) Check the operation of the throttle grip. If the throttle grip does not move smoothly, apply grease to the throttle hinge. If worn, replace with new one.
- 3) Check the condition of the handle bar for bend and twist. If bent or twisted, straighten or replace with new one.
- 4) Inspect the steel balls for wear and cracks. If worn or damaged, replace with new one.
- 5) Inspect the steering top cone, bottom cone, and the other ball races for galling and wear condition. If worn, replace the cones, races and steel ball together.
- 6) Inspect the steering head dust seal for wear and damage. If worn or damaged, replace with new one.
- 7) Check the steering stem for bend and twist. If slightly bent or twisted, repair with the press. If badly bent or twisted, replace with new one.
- 8) Inspect the threads for damage and deformation. If damaged, replace with new one.
- 9) Check the action of the handle lock return spring. If it does not work properly, replace with new one.

- 11) Loosen the steering head top nut and then drop steering stem out the bottom. (Fig. 124)

When removing steering stem, exercise care not to drop and lose the steel balls (21 pcs. each).

- 12) Remove the two 6mm bolts and separate handle lock from steering stem. Insert engine key into the lock, turn counter clockwise and remove the lock piston.

### C. Reassembly

- 1) Mount the handle lock on the steering stem.
- 2) Apply grease on the ball races and on it set the steel balls. Insert the steering stem into steering head and assemble the top cone race and head top nut.

#### Note:

- Wash the cone race, ball race and steel balls, and apply new grease on the friction surfaces. When assembling parts, exercise care not to drop the steel balls.