

6B



## Steering Tension Adjustment

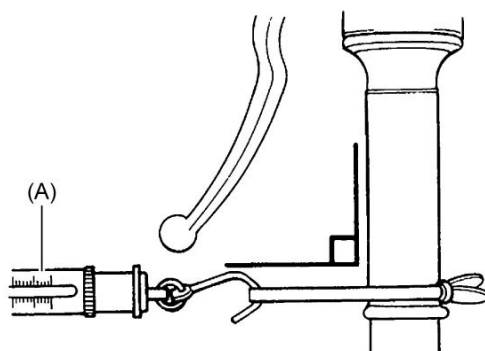
- 1) By supporting the motorcycle with a jack, lift the front wheel until it is off the floor 20 – 30 mm (0.8 – 1.2 in).
- 2) Check to make sure that the cables and wire harnesses are properly routed.
- 3) With the front wheel in the straight ahead state, hitch the spring scale (special tool) on one handlebar grip end as shown in the figure and read the graduation when the handlebars start moving.

### Steering tension initial force

**2 – 5 N (0.2 – 0.5 kgf, 0.4 – 1.1 lbf)**

### Special Tool

**(A): 09940-92720**



- 4) Do the same on the other grip end.
- 5) If the initial force reading on the scale when the handlebars start turning is either too heavy or too light, adjust the tension until it satisfies the specification as follows.
  - a) Remove the fuel tank side covers.
  - b) First, loosen the front fork upper clamp bolts, steering stem head nut and steering stem lock-nut, and then adjust the steering stem nut by loosening or tightening it.

### Special Tool

**(A): 09910-60611**



- c) Tighten the steering stem lock-nut, steering stem head nut, front fork upper clamp bolts to

the specified torque, and recheck the initial force with the spring scale according to the previously described procedure.

#### **Tightening torque**

**Steering stem lock-nut: 80 N·m (8.0 kgf-m, 58.0 lbf-ft)**

**Steering stem head nut: 90 N·m (9.0 kgf-m, 65.0 lbf-ft)**

**Front fork upper clamp bolt: 23 N·m (2.3 kgf-m, 17.0 lbf-ft)**

- d) Make sure that the initial force is within the specified range and the steering is not loose.



- e) Install the removed parts.