

6B



Handlebar Removal and Installation

[Reference: Handlebar Components](#)

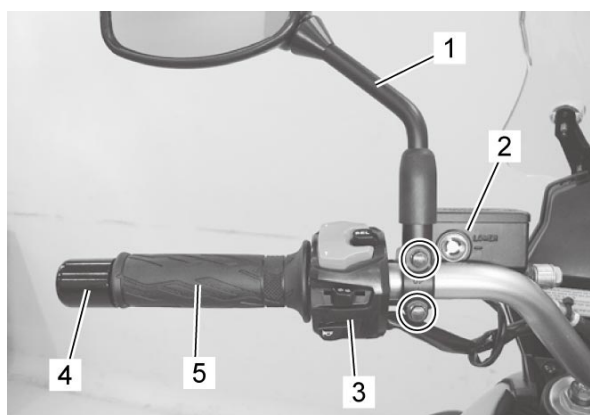
[Reference: Handlebar Construction](#)

Removal

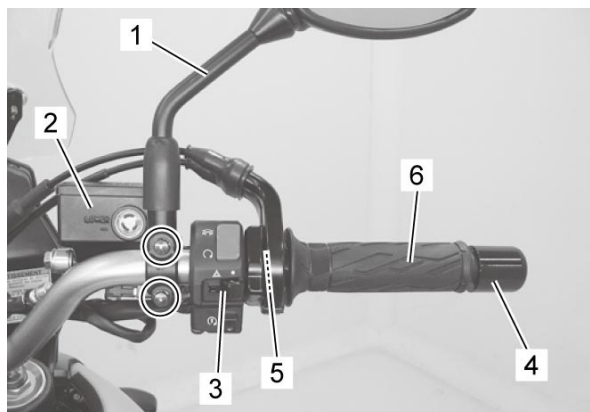
NOTE:

Do not turn the master cylinder upside down.

- 1) Remove the following parts from the left side of the handlebar.
 - a) Rear view mirror (1)
 - b) Clutch master cylinder assembly (2)
 - c) Left handlebar switch box (3)
 - d) Handlebar balancer (4)
 - e) Left handlebar grip (5)

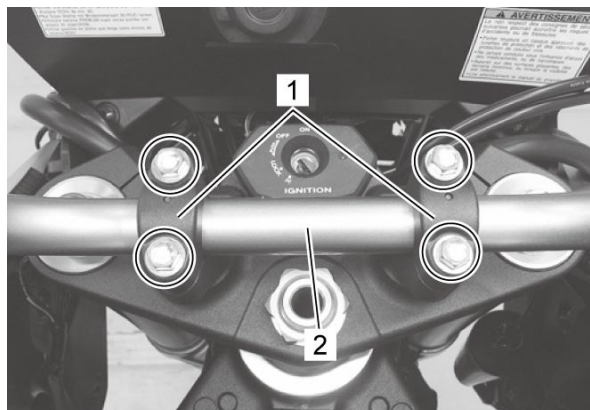


- 2) Remove the following parts from the right side of the handlebar.
 - a) Rear view mirror (1)
 - b) Front brake master cylinder assembly (2)
 - c) Right handlebar switch box (3)
 - d) Handlebar balancer (4)
 - e) Throttle case (5)
 - f) Throttle grip (6)





- 3)** Remove the handlebar holders (1), and then remove the handlebars (2).



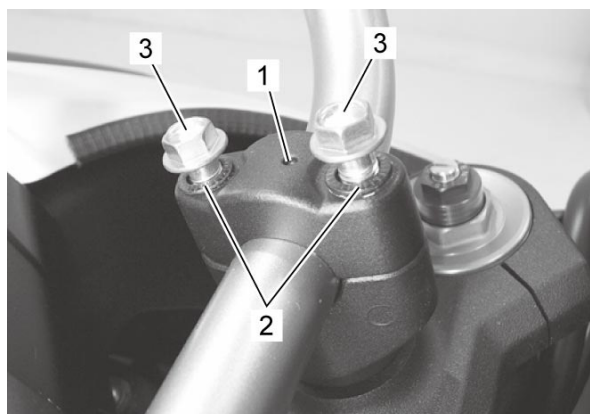
Installation

Reference: Handlebar Inspection

- 1)** Install the handlebars.
- 2)** Install the handlebar holders positioning the punch mark (1) frontward.
- 3)** Install the washers (2) and handlebar clamp bolts (3).

NOTE:

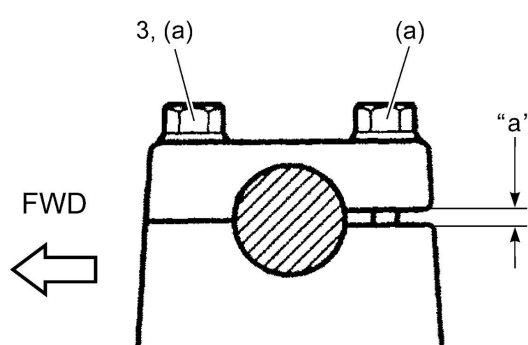
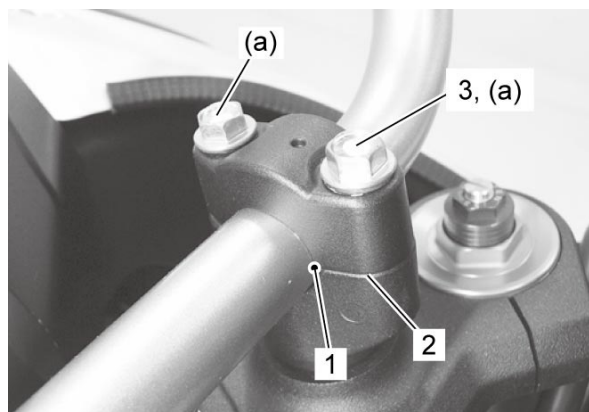
Face the cone shape washers (2) upward.



- 4)** Set the handlebars so that its punch mark (1) aligns with the mating surface (2) of the left handlebar holder and tighten the front side of the handlebar clamp bolts (3) first.

Tightening torque

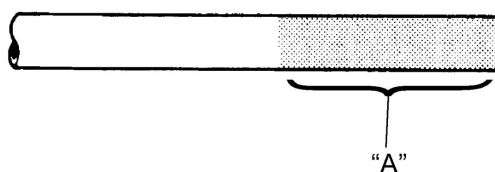
Handlebar clamp bolt (a): 23 N·m (2.3 kgf-m, 17.0 lbf-ft)



"a":	Clearance
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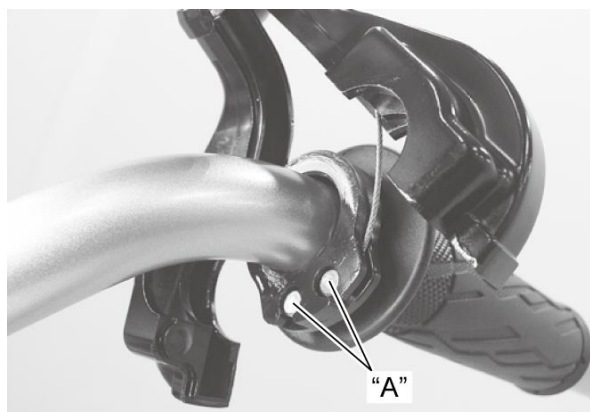
5) Apply grease onto the handlebars before installing the throttle grip.

"A": Grease 99000-25011 (SUZUKI SUPER GREASE A)



6) Apply grease to the end of the throttle cables and cable pulley.

"A": Grease 99000-25011 (SUZUKI SUPER GREASE A)

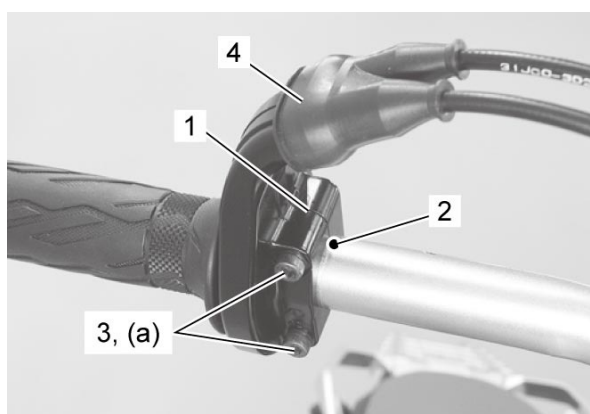


- 7)** Align the mating surface (1) of the throttle case with the punch mark (2) on the handlebars and tighten the throttle case bolts (3) to the specified torque.

Tightening torque

Throttle case bolt (a): 3 N·m (0.3 kgf-m, 2.5 lbf-ft)

- 8)** Set the boot (4) onto the throttle case securely.

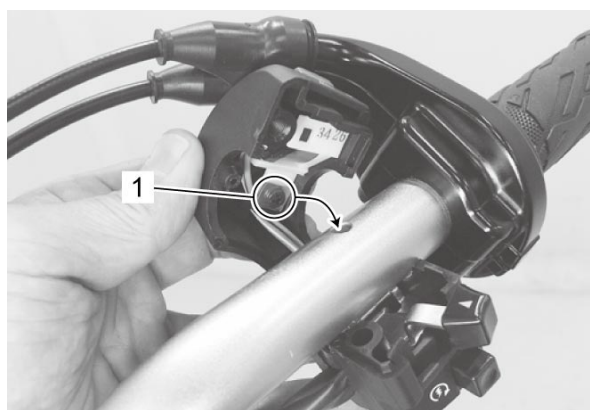


- 9)** Install the right handlebar balancer and tighten the handlebar balancer screw.

Tightening torque

Handlebar balancer screw: 5.5 N·m (0.55 kgf-m, 4.0 lbf-ft)

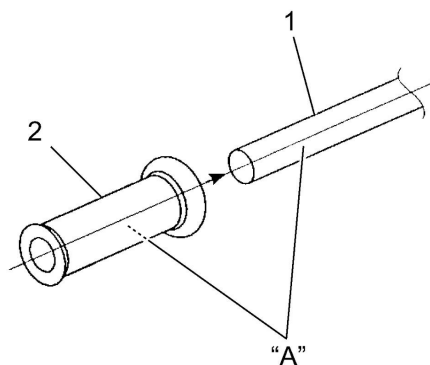
- 10)** Insert the projection (1) of the right handlebar switch box into the hole of the handlebars.





- 11) Install the front brake master cylinder assembly.
- 12) Install the right rear view mirror.
- 13) Clean, decrease and dry both the left handlebar outer surface (1) on which the grip is being fitted and internal surface of the left handlebar grip (2).
- 14) Apply handle grip glue to both the left handlebar outer surface (1) on which the grip is being fitted and internal surface of the left handlebar grip (2) evenly.

"A": Adhesive (Handle grip glue)

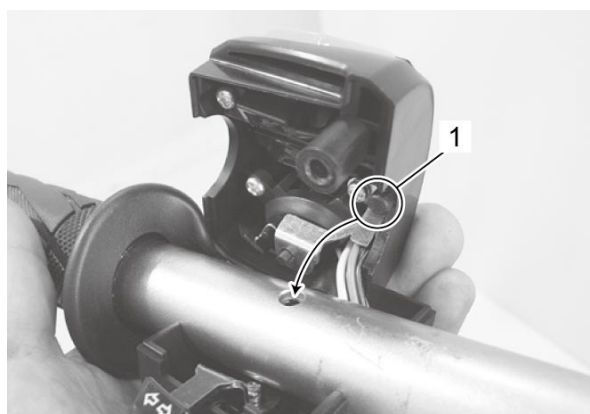


- 15) Install the left handlebar balancer and tighten the handlebar balancer screw.

Tightening torque

Handlebar balancer screw: 5.5 N·m (0.55 kgf·m, 4.0 lbf·ft)

- 16) Insert the projection (1) of the left handlebar switch box into the hole of the handlebars.



- 17) Install the clutch master cylinder.
- 18) Install the left rear view mirror.
- 19) Check to make sure that the wire harnesses, cables and hoses are properly routed.
 - Wire harness:
 - Cable:
 - Hose:
- 20) Check the throttle cable for the play and smooth operation.