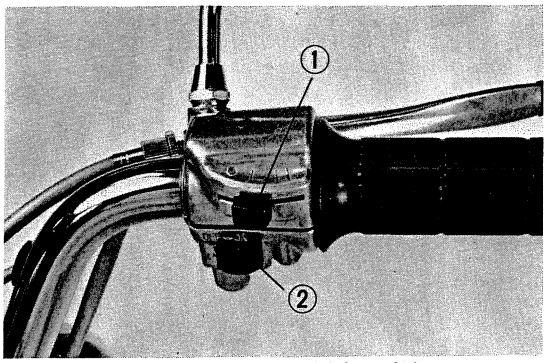

Fig. 170 ① Dimmer switch ② Lighting switch

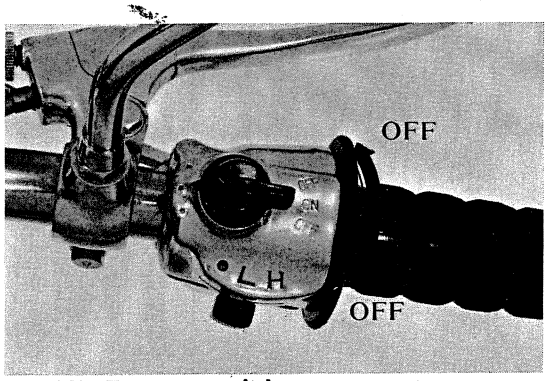

Fig. 171 Emergency switch

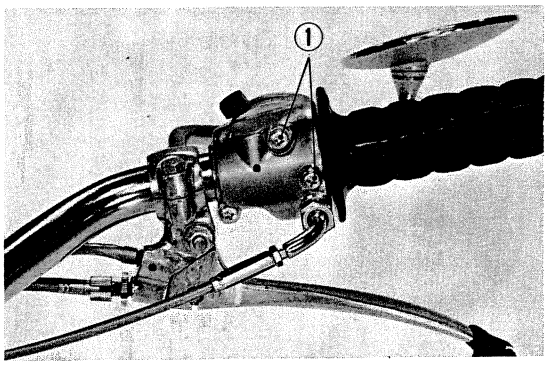

Fig. 172 Emergency switch removal
① Switch mounting screws

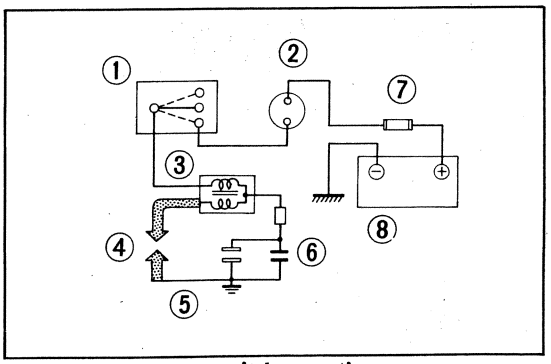

Fig. 173 Emergency switch operation
① Emergency switch ② Main switch ③ Ignition coil ④ Spark plug ⑤ Contact breaker ⑥ Condenser ⑦ Fuse 15A ⑧ Battery 6V-6AH

7) Lighting and dimmer switch

Check the continuity of switch with the tester in accordance with the table below. (Fig. 170)

	H	TL	L	IG	DY	SE
Off Low		○—○		○	○—○	
(N)	○—○		○	○	○—○	
High	○—○		○	○	○—○	
Color of	Blue	Brown	White	Black	White/ Yellow	Yellow

8) Emergency switch (SL 100 U.S.A. Type).

Construction

The emergency ignition switch (kill button) is provided to insure safe riding and shutting off the engines operation when the motorcycle is overturned or when trouble develops in the throttle system. (Fig. 171)

Disassembly

① Loosen two switch mounting screws and separate the upper and lower halves. (Fig. 172)

② Disconnect the throttle cable from the throttle cable connector on the bottom of the switch housing.

③ Disconnect the wirings within the headlight case and remove the switch assembly.

Inspection

Start the engine, first make sure the engine can be stopped by switching off the emergency switch. If the respective switch positions are not functioned properly, the switch or wiring is defective.

If the wiring is correct, check by the testing conductivity of wires with the switch. If the conductivity is not correct, replace with new one.

Reassembly

Perform assembly in the reverse order of disassembly. Check switch operation.

Operation

The operational principle of the emergency ignition switch is shown by the illustration. Even if ignition switch is ON, the primary circuit can be opened by operation of the switch. (Fig. 173)