

ELECTRIC STARTING SYSTEM

EAS27190

TROUBLE SHOOTING

The starter motor fails to turn.

NOTE:

Before troubleshooting, remove the following part(s):

- 1.Seat
- 2.Fuel tank
- 3.Headlight unit

1. Check the fuse (Main fuse, Ignition fuse) Refer to "CHECKING THE FUSES" on page 7-86.	NG→	Replace the fuse(s).
OK↓		
2. Check the battery. Refer to "CHECKING AND CHARGING THE BATTERY" on page 7-87.	NG→	Clean the battery terminals. Recharge or replace the battery.
OK↓		
3. Check the starter motor Refer to "CHECKING THE STARTER MOTOR" on page 5-35.	NG→	Repair or replace the starter motor.
OK↓		
4. Check the relay unit (starting circuit cut-off relay). Refer to "CHECKING THE RELAYS" on page 7-90.	NG→	Replace the relay unit (starting circuit cut-off relay)
OK↓		
5. Check the diode. Refer to "CHECKING THE DIODE" on page 7-91.	NG→	Replace the relay unit (diode)
OK↓		
6. Replace the starter relay. Refer to "CHECKING THE RELAYS" on page 7-90.	NG→	Replace the starter relay.
OK↓		
7. Check the main switch. Refer to "CHECKING THE SWITCHES" on page 7-81.	NG→	Replace the main switch.
OK↓		
8. Check the engine stop switch. Refer to "CHECKING THE SWITCHES" on page 7-81.	NG→	Replace the right handlebar switch.
OK↓		
9. Check the neutral switch. Refer to "CHECKING THE SWITCHES" on page 7-81.	NG→	Replace the neutral switch.
OK↓		
10. Check the sidestand switch. Refer to "CHECKING THE SWITCHES" on page 7-81.	NG→	Replace the sidestand switch.

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OK↓

11. Check the clutch switch.
Refer to "CHECKING THE SWITCHES" on page 7-81.

NG→

Replace the clutch switch.

OK↓

12. Check the start switch.
Refer to "CHECKING THE SWITCHES" on page 7-81.

NG→

Replace the right handlebar switch.

OK↓

13. Check the entire starting system's wiring.
Refer to "CIRCUIT DIAGRAM" on page 7-5.

NG→

Properly connect or repair the starting system's wiring

OK↓

The starting system circuit is OK.