# **ELECTRICAL STARTING SYSTEM**

ELEC -

#### **TROUBLESHOOTING**

### THE STARTER MOTOR DOES NOT OPERATE.

#### **Procedure**

Check:

- 1.Fuse (main)
- 2.Battery
- 3.Starter motor
- 4.Starting circuit cut-off relay
- 5.Starter relay
- 6.Main switch

- 7. Engine stop switch
- 8.Gear position switch
- 9.Rear brake switch
- 10.Start switch
- 11.Wiring connection

(the entire electric starting system)

NOTE:

- Remove the following parts before troubleshooting.
- 1)Seat
- 2)Front carrier
- 3)Front fender
- Use the following special tool for troubleshooting.



Pocket tester:

P/N. YU-03112, 90890-03112

- 1.Fuse (main)
- Remove the fuses.
- Connect the pocket tester ( $\Omega \times 1$ ) to the fuses.
- Check the fuses for continuity.



CONTINUITY

NO CONTINUITY

Replace the fuse(s).

## 2.Battery

 Check the battery condition.
Refer to "BATTERY INSPECTION" in CHAPTER 3.

Specific gravity: 1.280 at 20°C (68°F)



**INCORRECT** 

- Refill the battery fluid.
- Clean the battery terminals.
- Recharge or replace the battery.