

18. Light/Switch/Horn

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Service Information

General Safety

Connect the same color wires together. Connect couplers carrying the same color and the same number of pins together.

All couplers are equipped with tabs which can be locked. Remove these locks prior to disassembling; and insert these tabs all the way until locked when assembling.

Carry out continuity test on circuits or parts to diagnose electric systems. The continuity test on normal parts can be carried out without removing the parts from the vehicle. Simply disconnect the wires and connect a continuity tester or an ohmmeter to the coupler terminals or connectors.

The continuity test is conducted to check if electric power is connected between 2 terminals. If there is coil resistance within circuits, or to check the large resistance resulting from the connector corrosion, an ohmmeter is required to check the circuit resistance value.

Troubleshooting

Lights not turned on when the main switch is ON

- Faulty light bulb
- Faulty switch
- Faulty or disconnected wiring
- Fuse cut
- Battery discharged

Dim headlight

- Battery discharged
- Wiring and switch resistance high

Headlight Hi-Low beam cannot be changed

- Faulty light bulb
- Faulty dimmer switch

Headlight

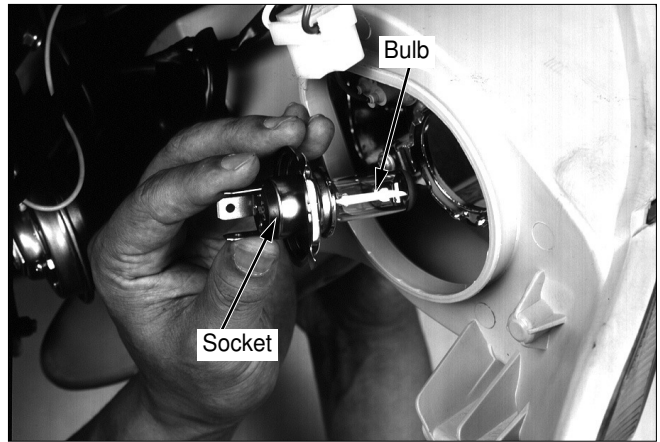
Removal

- Remove the front cover. (4-3)
- Loosen the 4 headlight setting bolts.
- Remove the headlight wiring
- Check the headlight wiring for disconnection.
- (15-3)



Bulb Replacement

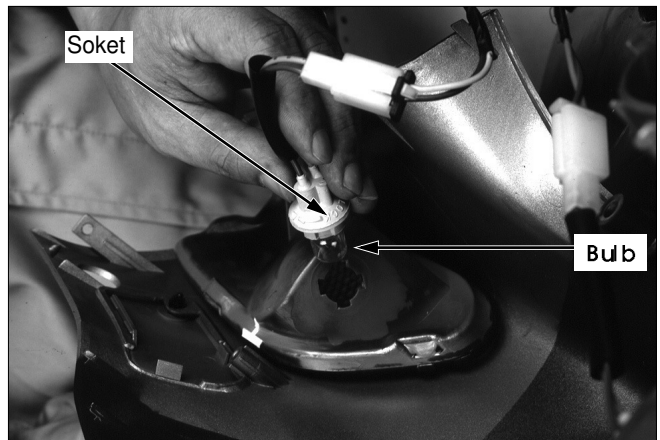
- Remove the headlight socket and position light socket, and replace the light bulb.
- Install in the reverse order of removal.



Front Winker

Bulb Replacement

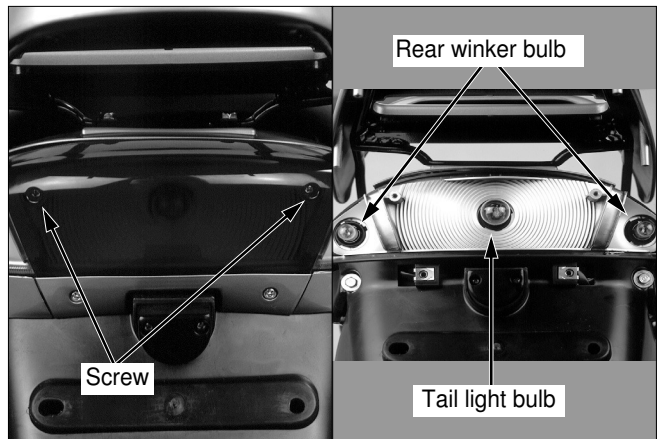
- Remove the front handle cover. (4-8)
- Remove the R/L winker light bulb socket from the handle cover, and replace bulbs.



Tail-Stop Light/Rear Winker

Bulb Replacement

- Remove the rear undercover.
- Loosen the 2 screws from the tail stop light lens, and replace the tail stop light and rear winker light bulbs.

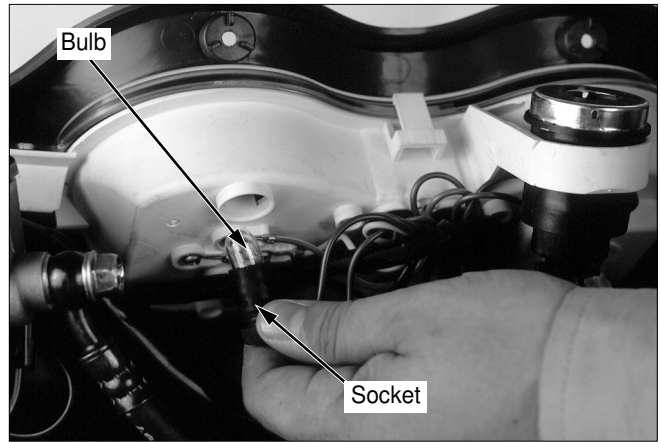


Meters (Measuring Instruments)

Bulb Replacement

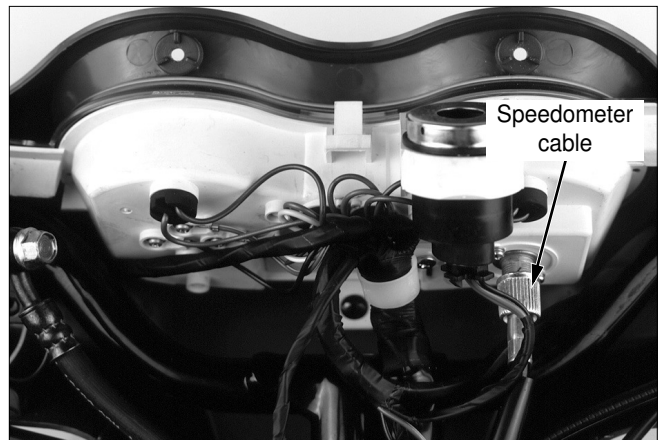
- Remove the front handle cover.(4-8)
- Disconnect the winker and headlight wiring.

Remove the bulb socket, and replace bulbs.



Meter Replacement

- Loosen the speedometer setting screws, and remove the front wheel side speedometer.
- Remove the speedometer cable from the meter, and remove the speedometer.



To disassemble the meter, release the hook from the meter upper case, and loosen the speedometer and fuel meter assembly screws.
Install in the reverse order of removal.

NOTE

The fuel meter and wire must be connected accurately.



Main Switch

Inspection

Remove the front cover. (4-3)

Remove the headlight case.

Remove the main switch terminal.

Carry out continuity test between the following the same-color wires, as shown on the following table.

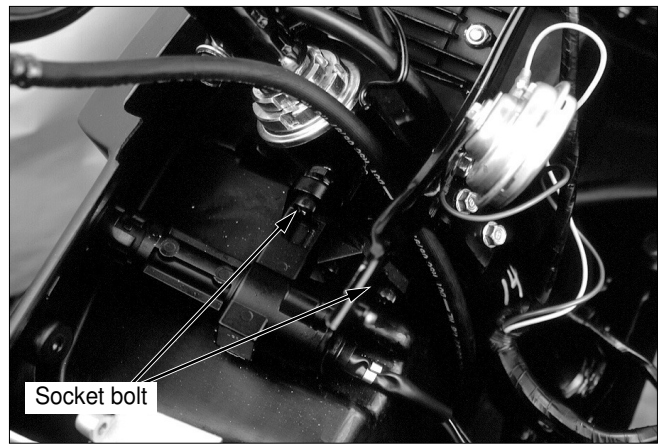
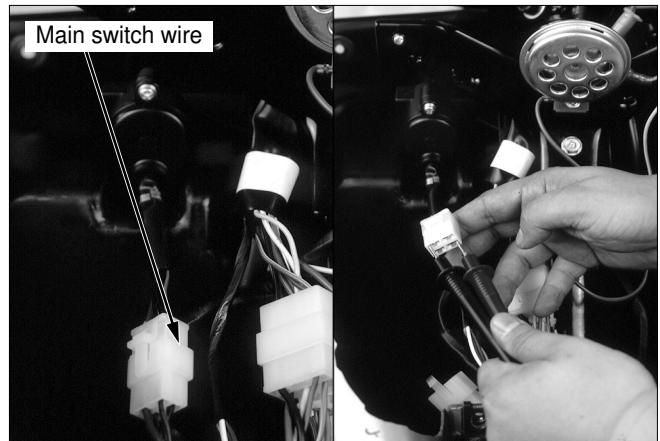
Color	Black/White	Green	Red	Black
Terminal	IG	E	BAT1	BAT2
OFF	—	—		
ON			—	—

Removal

- Remove inner box. (4-4)

Loosen the 3 main switch socket bolts, and remove the main switch.

Install in the reverse order of removal.



Handle Bar Switch

Remove the front handle cover. (4-8)

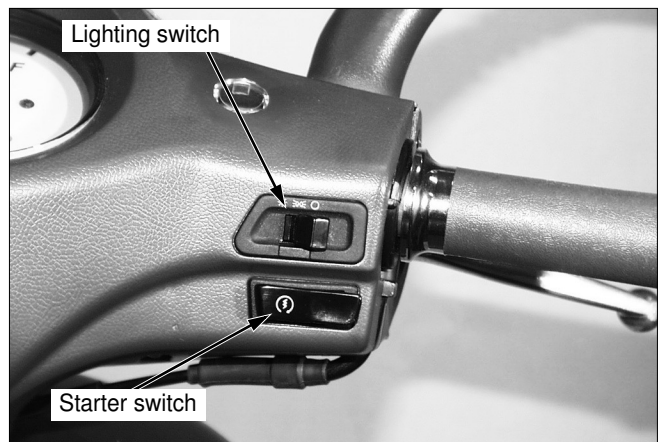
Loosen the headlight, and remove the handle bar switch terminals. Carry out inspection based on the following table.

Lighting switch

Color	Black	Brown/White	Brown
Terminal	BAT	HL	TL
(N)	—	—	—
P	—	—	—
H	—	—	—

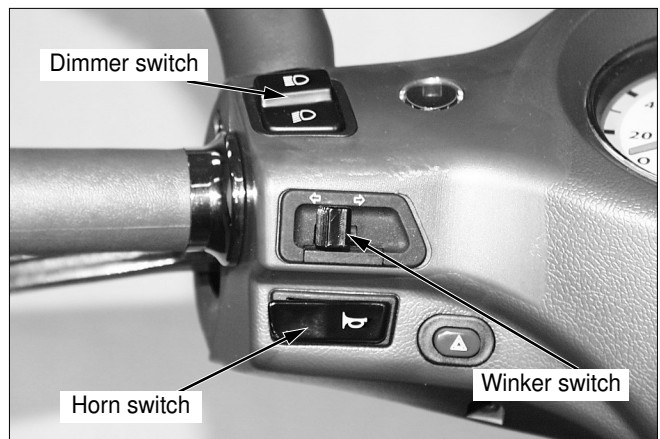
Starter switch

Color	Yellow/red	Black
Terminal	St	E
Before operation		
Push	—	—



Dimmer switch

Color	Green/black	W	Blue
Terminal	HL	Lo	Hi
Lo	—	—	
(N)	—	—	—
Hi	—	—	—



Winker switch

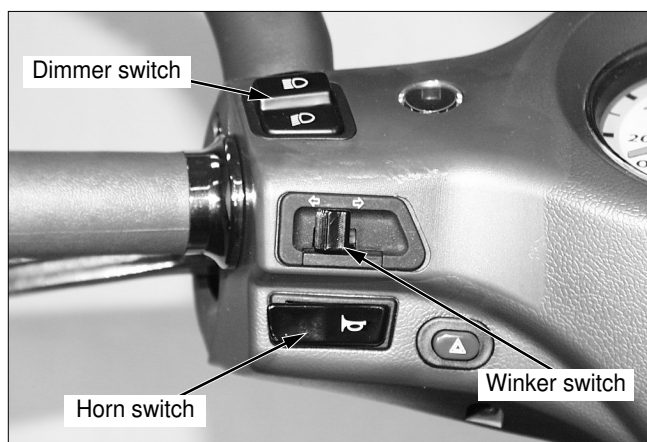
Color	Sky blue	Grey	Orange
Terminal	R	WR	L
R	—	—	—
N	—	—	—
L	—	—	—

Horn switch

Color	Light green	Black
Terminal	HO	BAT
Before operation	—	—
Push	—	—

Hazard switch

Color	Sky blue	Grey	Orange
Terminal	R	WR	L
Before operation	—	—	—
Push	—	—	—

**Front Stop Light Switch**

Remove the front handle cover. (4-8)

Remove the black wire and green/yellow wire terminals inside the headlight case, and check the following.

When the brake lever is pulled-power connected

When the brake lever is released-power is not connected

Fuel Gauge/Fuel Sensor**Removal**

Open the seat, and remove the retainer and fuel sensor from the fuel tank.

Fuel gauge

Turn the ignition switch on.

Remove the fuel tank. (5-3)

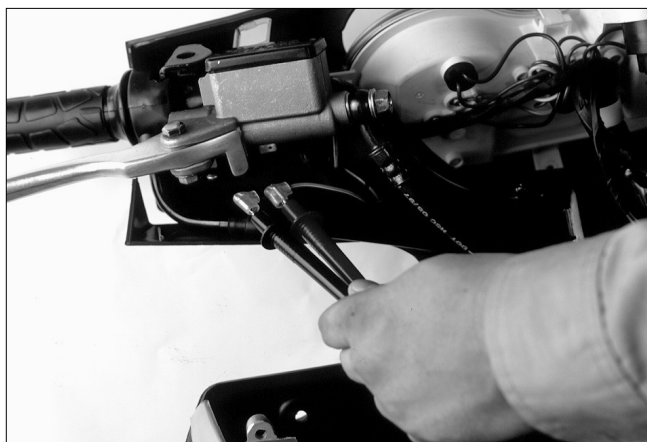
NOTE

Check the winker operation condition to check if the battery is in satisfactory condition.

Check the fuel gauge while moving the fuel sensor float up and down.

Up: No fuel

Down: Fuel amount sufficient

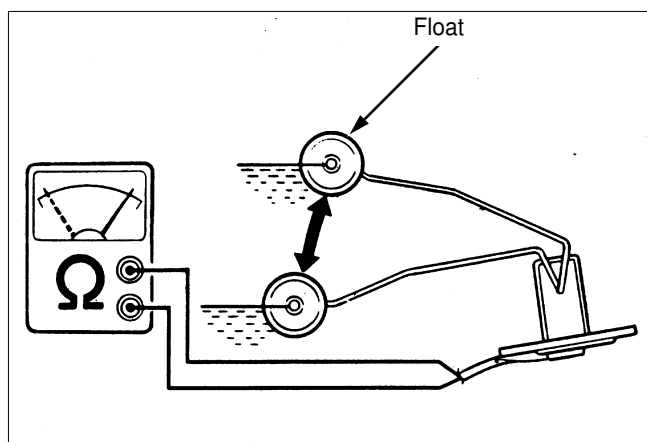


Fuel Sensor

Remove the fuel sensor terminal, and connect the resistance tester to each terminal. Check the resistance while moving the float up and down.

Resistance Ratio Calculation

Float position	Resistance ratio
Fuel amount sufficient	0.02-0.1
Reserve	2.5-4.5
No fuel	13-25.5



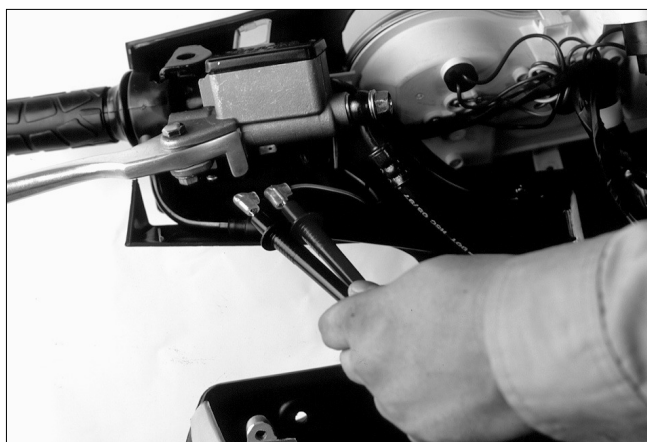
Horn

Inspection

Remove the front cover. (4-3)

Remove the headlight.

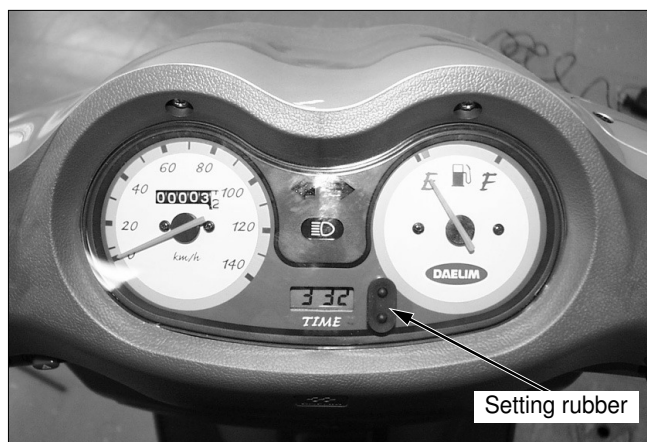
Remove the horn wiring, and connect a fully charged 12V battery. Check the sound quality for any abnormalities.



Clock

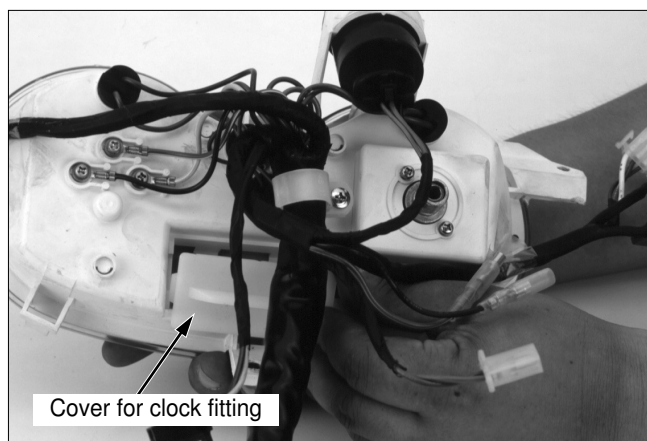
The current time is displayed at the bottom of the combination-meter.

If the time is incorrect, make adjustments with the setting rubber.



Replacement

- Remove the front handle cover. (4-8)
- Open the battery (for clock) cover inside the meter-case, and replace the battery.



Trunk Lamp

Replace bulb.

Remove the luggage box. (4-5)

Replace the trunk lamp bulb socket from the trunk lamp of out side.

Color	Green	Red
Terminal	G	R
Push		
Projection	—	—



MEMO
