

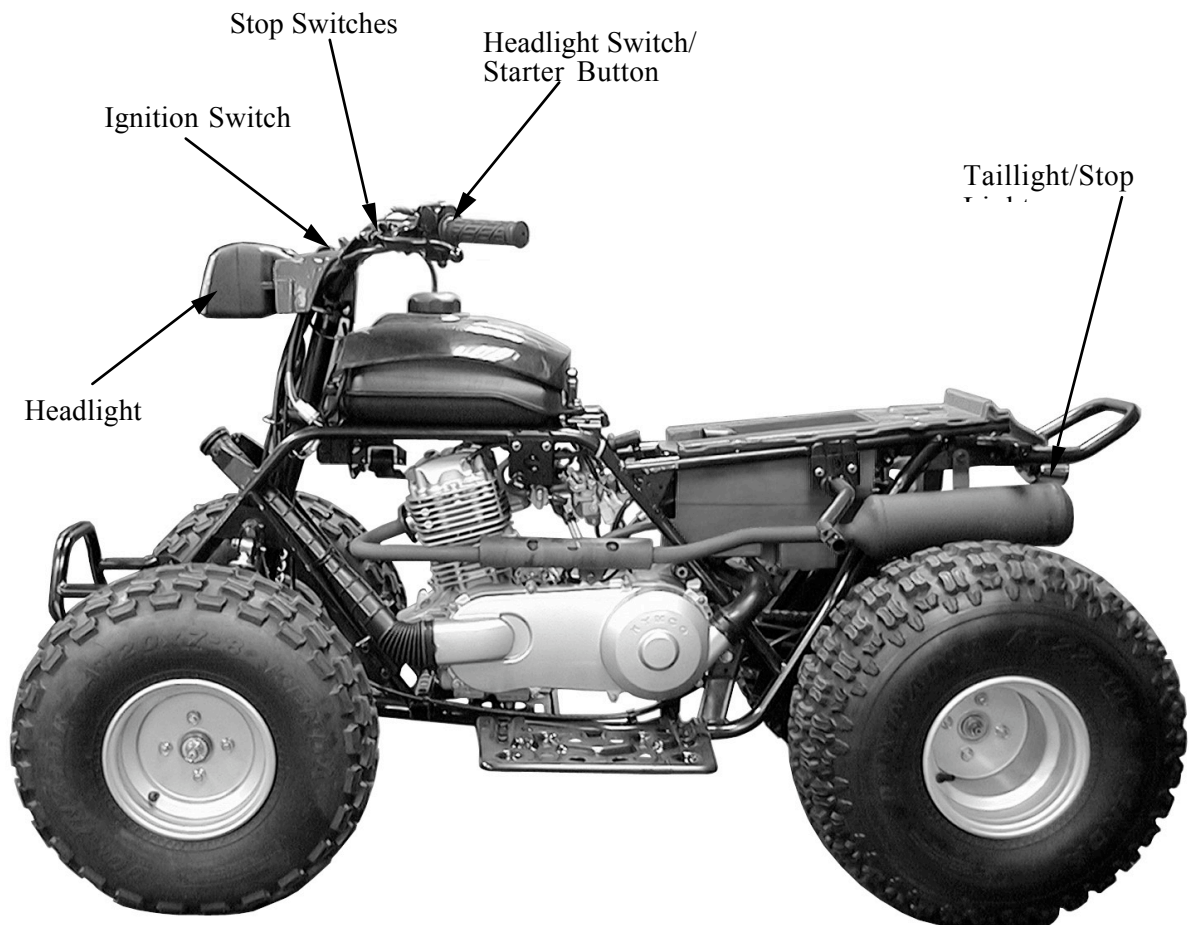
## LIGHTS/SWITCHES

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## 17. LIGHTS/ SWITCHES

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### ELECTRICAL EQUIPMENT LAYOUT



## **17. LIGHTS/ SWITCHES**

### **SERVICE INFORMATION**

#### **GENERAL INSTRUCTIONS**

- An electric tester is needed to measure or test the electric equipment.
- Be sure to use fuses and bulbs of the same specifications to avoid damage of electrical equipment.
- After installation of each switch, a continuity check must be performed. A continuity check can usually be made without removing the part from the motorcycle.

### **TROUBLESHOOTING**

#### **Lights do not come on when ignition switch is “ON”**

- Faulty ignition switch
- Fuse burned out
- Weak battery
- Burned bulb
- Faulty switch
- Poorly connected, broken or shorted wire

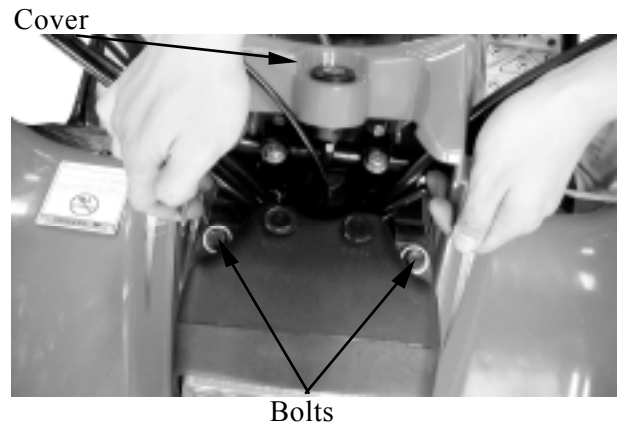
#### **Engine starts but stalls during idling**

- Clogged carburetor

## HEADLIGHT

### BULB REPLACEMENT

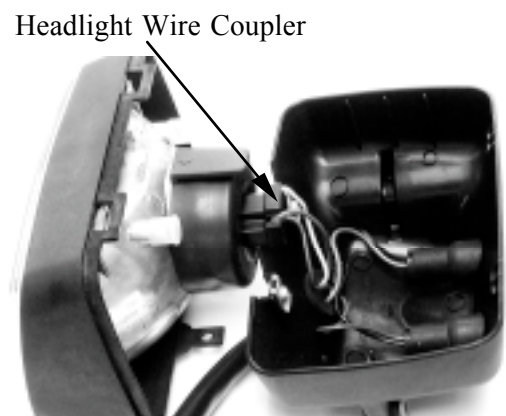
Disconnect the cover of the ignition switch and remove the two headlight attaching bolts.  
Remove the headlight and disconnect the headlight wire coupler.



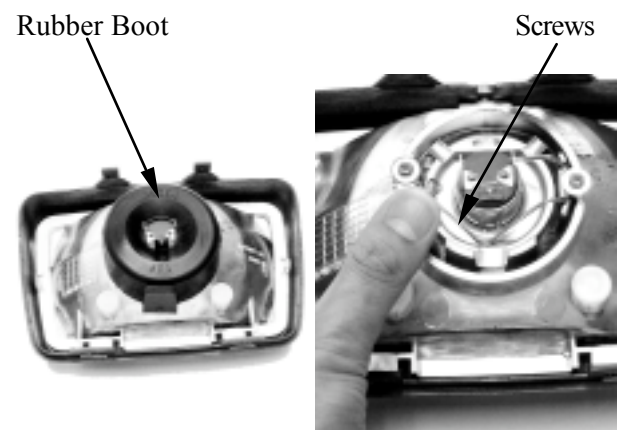
Remove the two headlight case attaching screws and disconnect the headlight.



Check the bulb for damage and replace with a new one if necessary.  
Disconnect the headlight wire coupler.



Remove the rubber boot.  
Push and disconnect the spring from the headlight cover.



## 17. LIGHTS/ SWITCHES

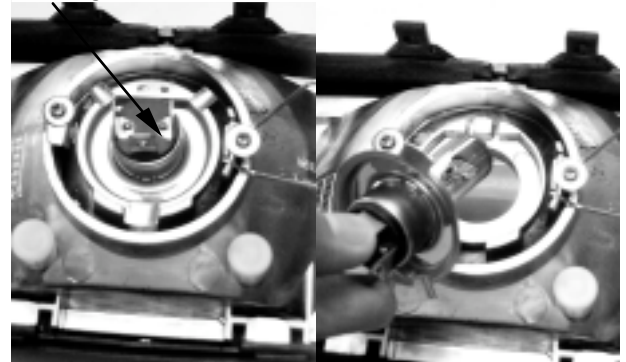
Remove the headlight bulb

### INSTALLATION

Install the headlight in the reverse order of removal.

- \* After installation, adjust the headlight beam.

Headlight Bulb



### INSTRUMENTS

#### REMOVAL

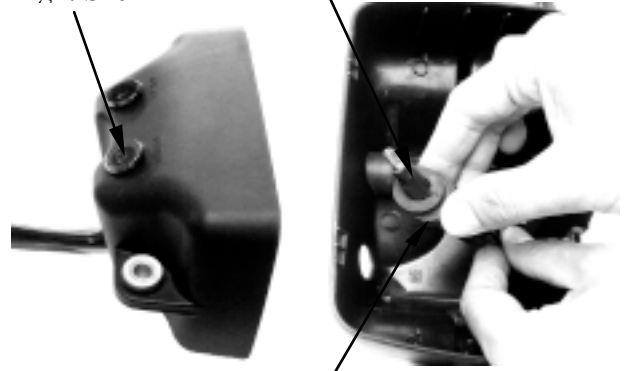
Remove the two headlight attaching bolts. Remove the headlight and disconnect the headlight wire coupler. Remove the two headlight case attaching screws and disconnect the headlight.

Remove the light shell, rubber boot and bulb socket.

Check the bulb for damage and replace with a new one if necessary.

Light Shell

Bulb Socket



Rubber Boot

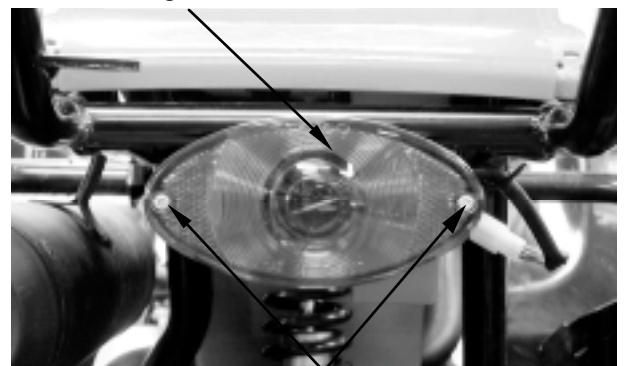
#### INSTALLATION

The installation sequence is the reverse of removal.

### STOP LIGHT/TAILLIGHT

Remove the two taillight shell screws and the shell.

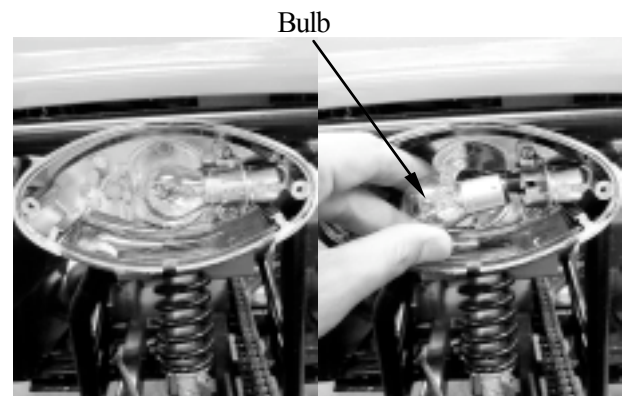
Taillight Shell



Taillight Shell Screws

## 17. LIGHTS/ SWITCHES

Remove the bulb and check the bulb for damage. Replace with a new one if necessary.



### IGNITION SWITCH

Check for continuity between the wires indicated below.

Color Position	Black	Red	Black/ White	Green
OFF			○ — ⊖	
ON	○ — ⊖			



### STOP SWITCH

Disconnect the front stop switch wire coupler.  
Check for continuity between the front stop switch wires.  
Brake lever applied: There is continuity.  
Brake lever released: There is no continuity.

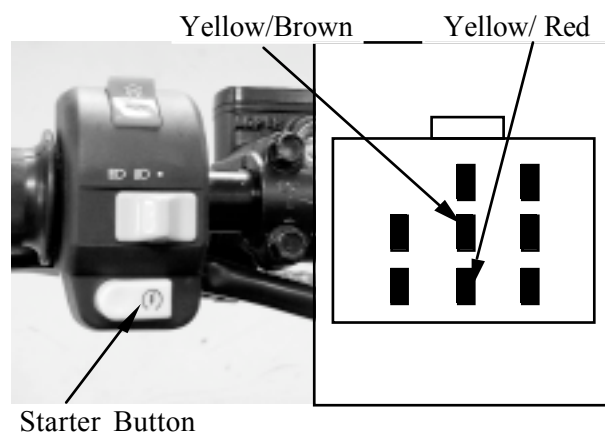


## 17. LIGHTS/ SWITCHES

### STARTER BUTTON

Remove the center cover.  
Disconnect the starter button yellow/brown and yellow/red wires.  
Check for continuity between the black and yellow/red wires.

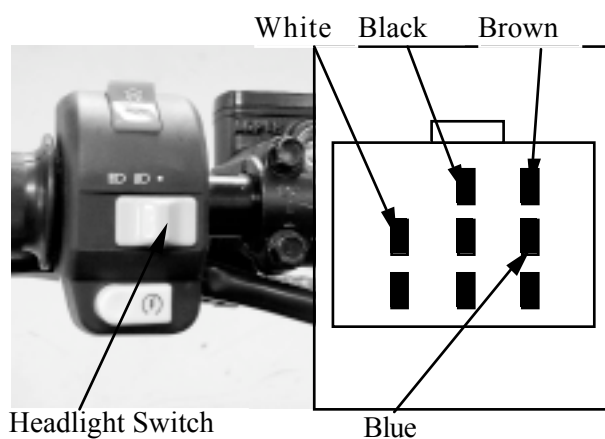
Color Position	Yellow/Brown	Yellow/Red
FREE		
PUSH	○ —	— ⊖



### HEADLIGHT SWITCH

Remove the center cover.  
Disconnect the headlight switch wire coupler. Check for continuity between the headlight switch wires.

Color Position	Black	Brown	White	Blue
⏏				
☀	○ —	⊖ —	⊖	
☀	○ —	⊖ —		⊖



### ENGINE STOP SWITCH

Remove the center cover.  
Disconnect the headlight switch wire coupler. Check for continuity between the headlight switch wires.

Color Position	Green/Red	Green
⏏		
⊖	○ —	— ⊖

