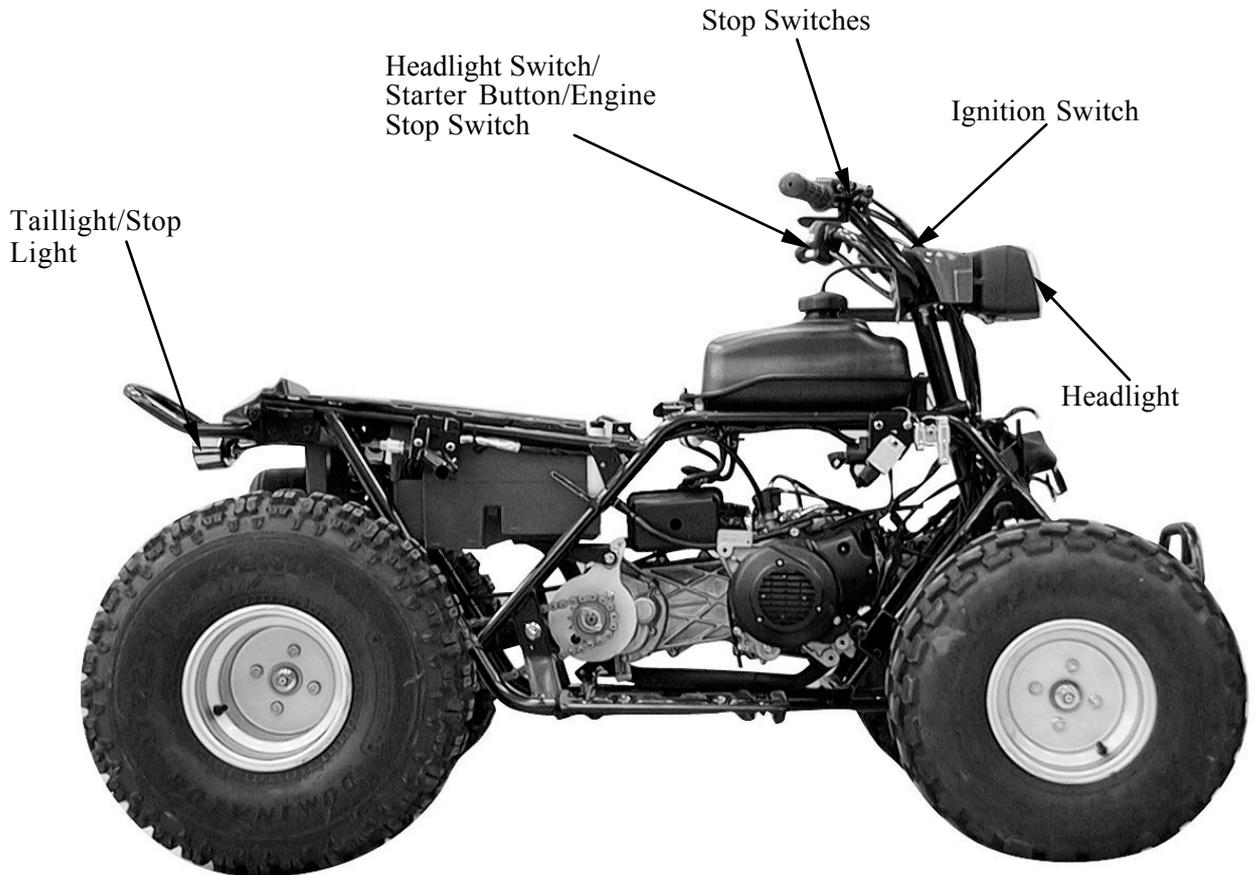


17. LIGHTS/ SWITCHES

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

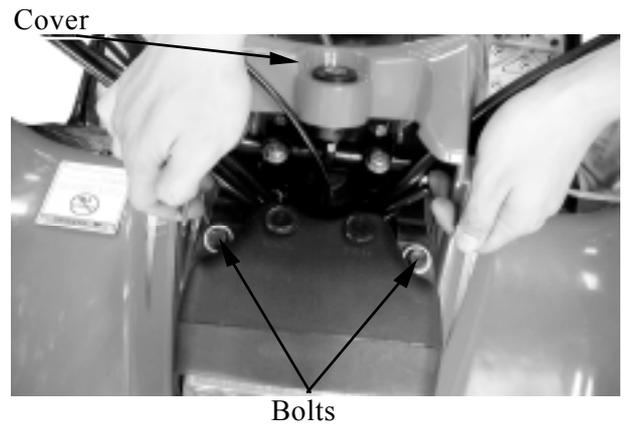
- Clogged carburetor

17. LIGHTS/ SWITCHES

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.

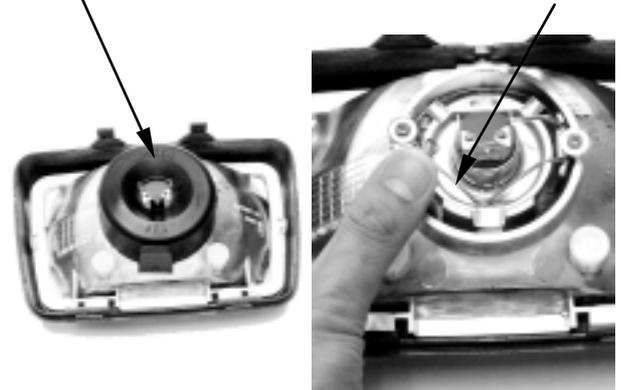
Headlight Wire Coupler



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

Rubber Boot

Screws



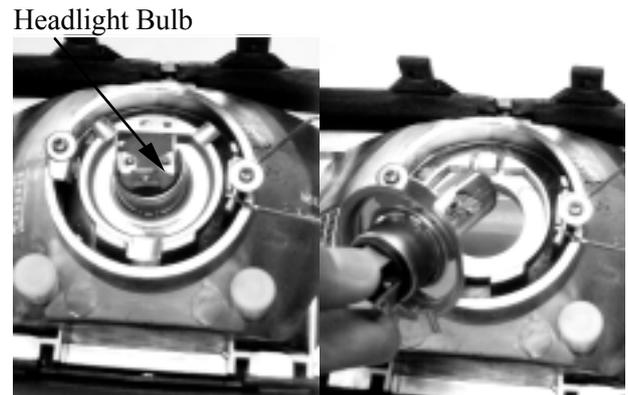
17. LIGHTS/ SWITCHES

Remove the headlight bulb

INSTALLATION

Install the headlight in the reverse order of removal.

◦ After installation, adjust the headlight beam.



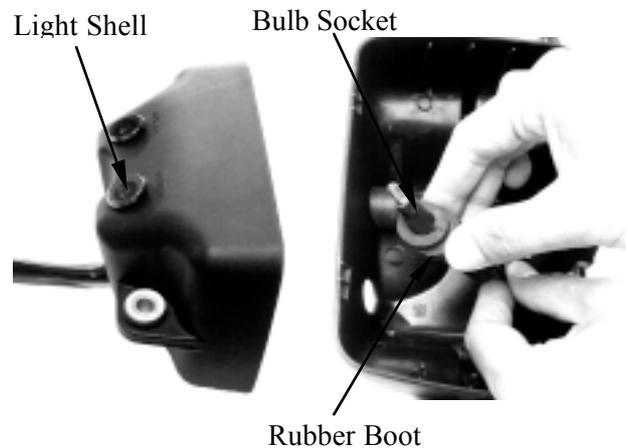
INSTRUMENTS

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.

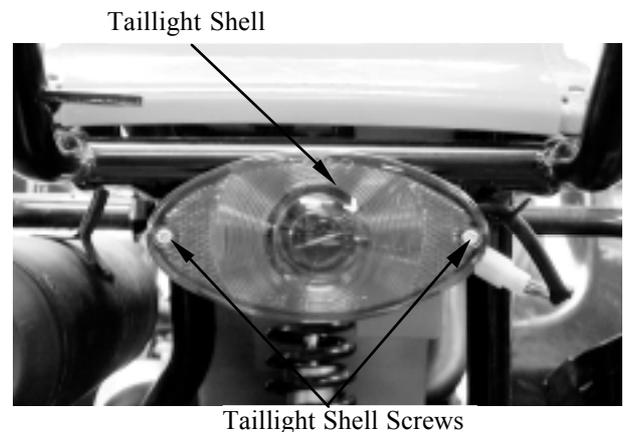


INSTALLATION

The installation sequence is the reverse of removal.

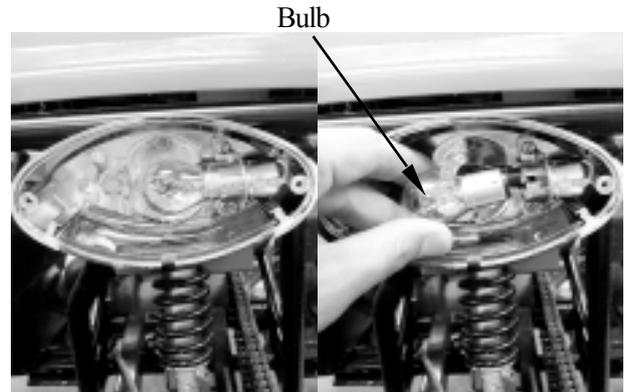
STOP LIGHT/TAILLIGHT

Remove the two taillight shell screws and the shell.



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	⊖ — ⊖			



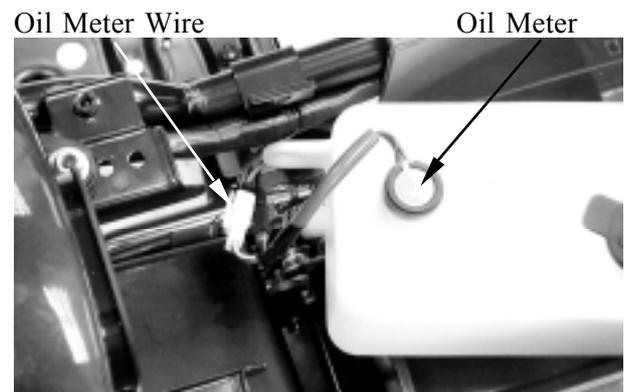
STOP SWITCH

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.



OIL METER

Remove the seat. (⇒2-3)
Disconnect the oil meter wire connectors and remove the oil meter. Keep the oil meter float at the lower position (the oil meter is ON).
Measure the resistances between the wire terminals as ① and ② shown in the left figure.



17. LIGHTS/ SWITCHES

Wire Terminals	Resistance
Black/Red(+)_ Green(-)	26K \square
Green(-)_ Black(+)	o

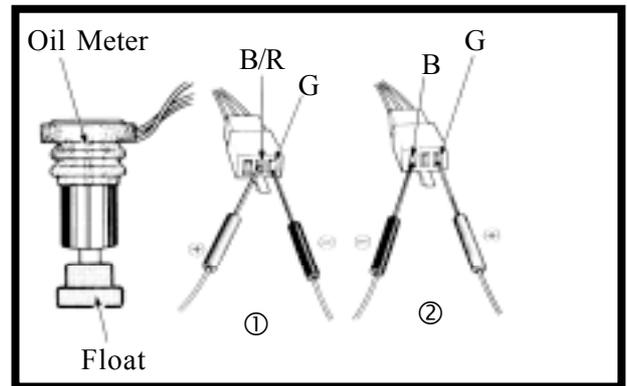
ⓘ Before removing the oil meter, be sure to drain the motor oil and do not allow sparks or flames near the working area.

Oil Meter Operation Inspection

Measure the resistance between the wire terminals with the float at upper position (the oil meter is OFF).

Black/Red(+)_ Black(-)	o
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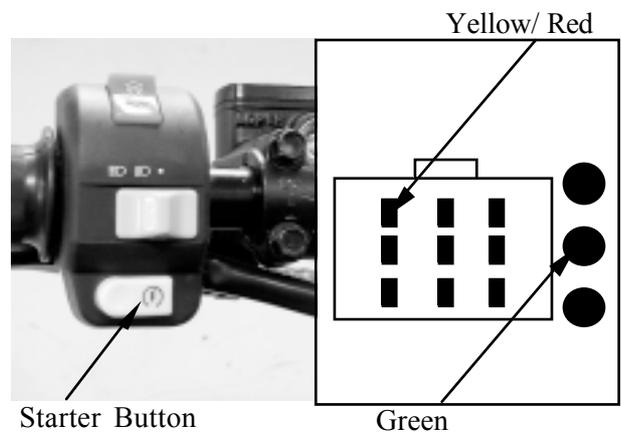
ⓘ Before performing the following test, operate the turn signals to determine that the battery circuit is normal.



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.

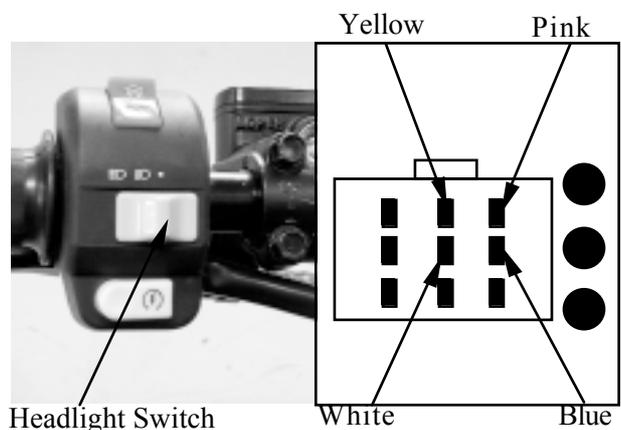
Color Position	Green	Yellow/Red
FREE		
PUSH	o	o



HEADLIGHT SWITCH

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

Color Position	Yellow	White	Blue	Pink
⊕	o			o
⊖	o	o		
⊕	o		o	



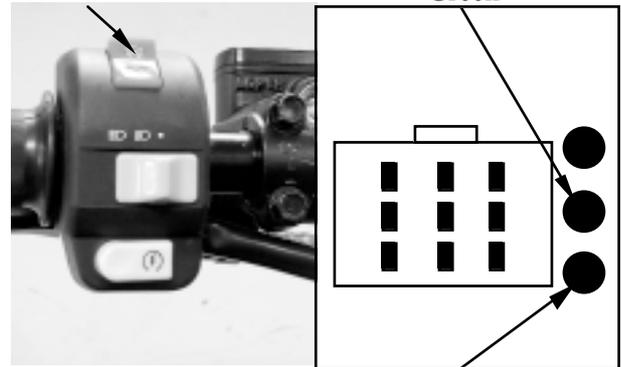
17. LIGHTS/ SWITCHES

ENGINE STOP SWITCH

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

Color Position	Blue/Yellow	Green
		
		

Engine Stop Switch



Blue/Yellow