

**ONLY ATV ON ROAD AVAILABLE**

**18**

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This is a comprehensive electrical wiring diagram for a vehicle. The diagram illustrates the power distribution from a 12V 8Ah battery through various switches, relays, and control units to different electrical loads.

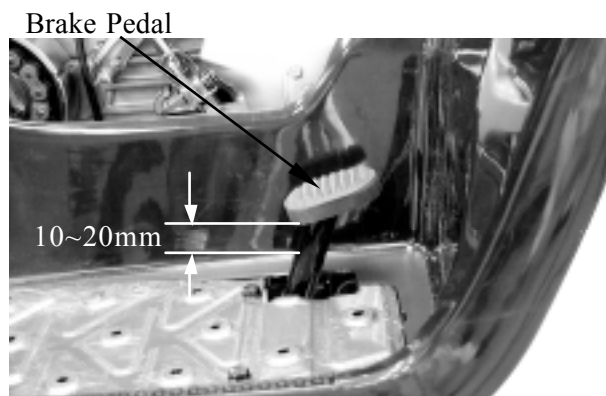
- Power Source:** A 12V 8Ah BATTERY is connected to a STARTER MOTOR via a START SW (START SWITCH).
- Lighting System:** Includes a HEAD LIGHT (12V 35W/20W), PARK LIGHTS (12V 10W), SIDE LIGHTS (12V 10W), REAR LIGHTS (12V 10W), and TURN SIGNALS (12V 10W).
- Horn and Alarm:** Features a HORN (12V 10W) and a HORN RELAY. An ALARM SW (ALARM SWITCH) is also shown.
- Engine Control:** Includes a REG RECT (REGULATOR RECTIFIER), a CDI UNIT, and a PULSER.
- Other Components:** A GEAR CHANGE SW (GEAR CHANGE SWITCH) controls the GEAR RELAY. A STOP SW (STOP SWITCH) is connected to the STOP LIGHT (12V 10W). A SPARK PLUG is connected to the CDI UNIT.

The diagram uses standard electrical symbols for wires, switches, relays, motors, and lamps, with labels indicating their functions and specifications.

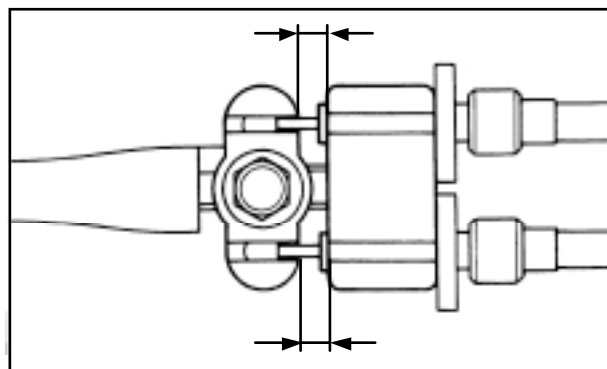
FREE	NO BAIT	
PUSH		
COLOR	LO	8

### BRAKE PEDAL ADJUSTMENT

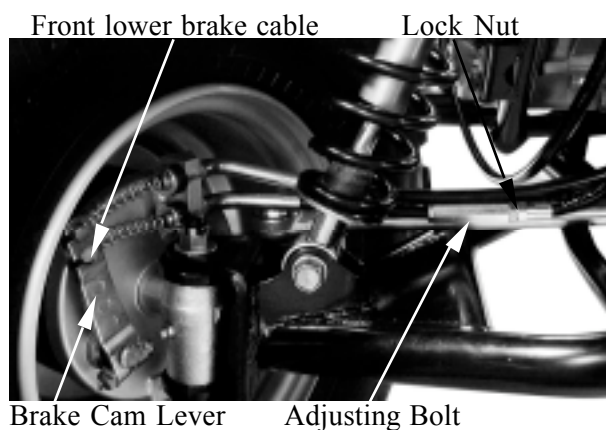
The brake pedal free play should be adjusted to 10~20 mm (0.4~0.8 in) at the brake pedal pivot. If the free play is incorrect, adjust as Follows:



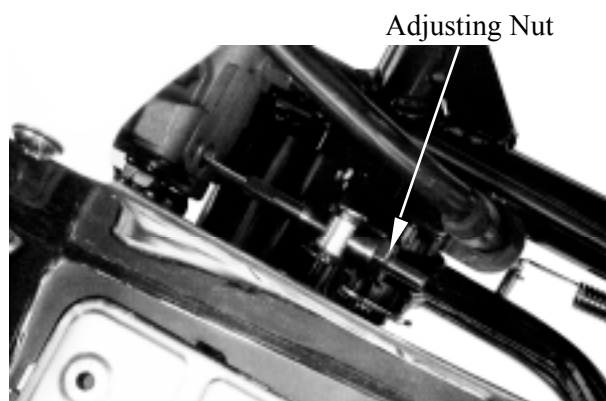
Keep front brake lever free play at 10~20 mm (0.4~0.8 in). (Refer to page 3-9)



Loosen the lock nut.  
Turn the adjusting bolt until the front lower brake cable is tensed.  
Apply the front brake lever and check front brake cam lever to make sure that the brake does not drag after adjusting.  
Tighten the lock nut.



Turn the adjusting nut on the brake cam lever to decrease play or increase play.  
Turn the adjusting nut until specified free Play is obtained.



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### INSTRUMENT

#### REMOVAL

Remove the two instrument attaching screws.

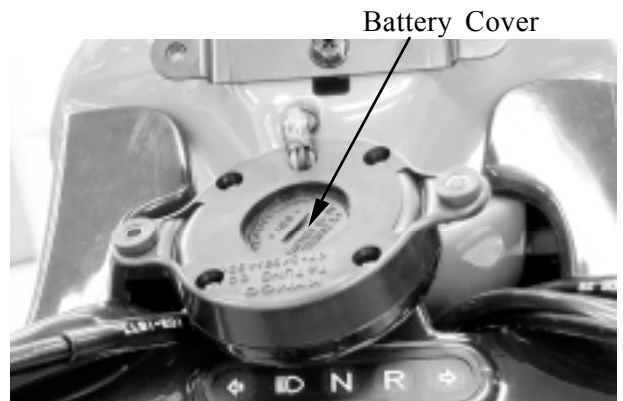
Disconnect the instrument.



Screws

Remove battery cover on instrument back to replace battery.

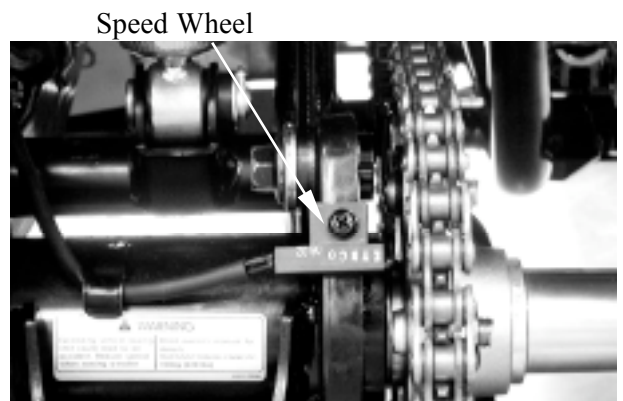
\* After replace battery, the instrument will be reset. (Refer to owner's manual)



Battery Cover

### SENSOR WHEEL

If the sensor is lost or wore, the speed will be not calculated on the instrument.



Speed Wheel

### INDICATOR LIGHT

#### REMOVAL

Remove the screw and disconnect the cover of the ignition switch.



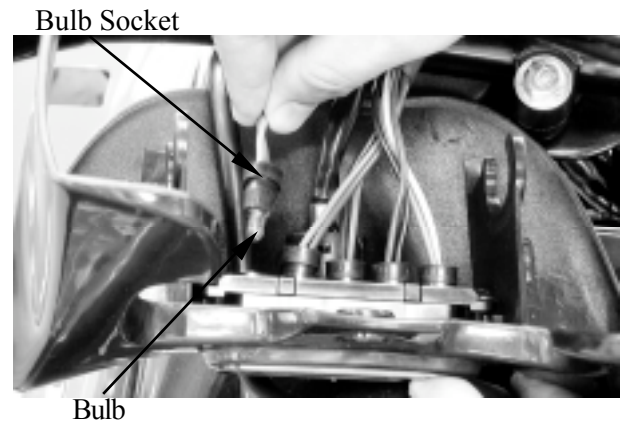
Screw

## 18. ONLY ATV ON ROAD AVAILABLE

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

### INSTALLATION

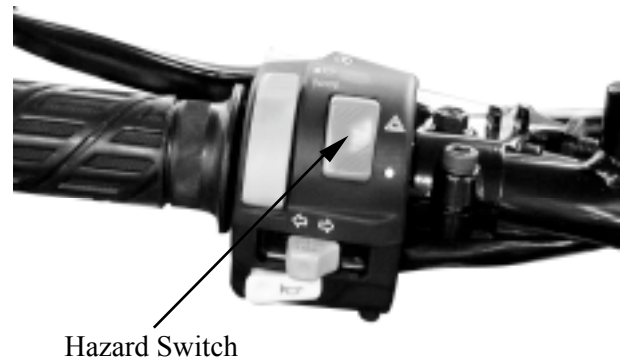
The installation sequence is the reverse of removal.



### HAZARD SWITCH

Check for continuity between the wires indicated below.

Color Position	Yellow/ Black	Black



### HORN

#### REMOVAL

Disconnect the horn switch wire.  
Remove the bolt and remove horn.

#### INSTALLATION

The installation sequence is the reverse of removal.

