
LIGHTS/SWITCHES

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19. LIGHTS/SWITCHES

SERVICE INFORMATION

- A continuity test can be made with the switches installed on the vehicle.
- All plastic connectors have locking tabs that must be released before disconnecting, and must be aligned when reconnecting.
- To isolate an electrical failure, check the continuity of the electrical path through the part. A continuity check can usually be made without removing the part from the vehicle. Simply disconnect the connectors and connect a continuity tester to the terminals or connections.

19. LIGHTS/SWITCHES

BULBS REMOVAL

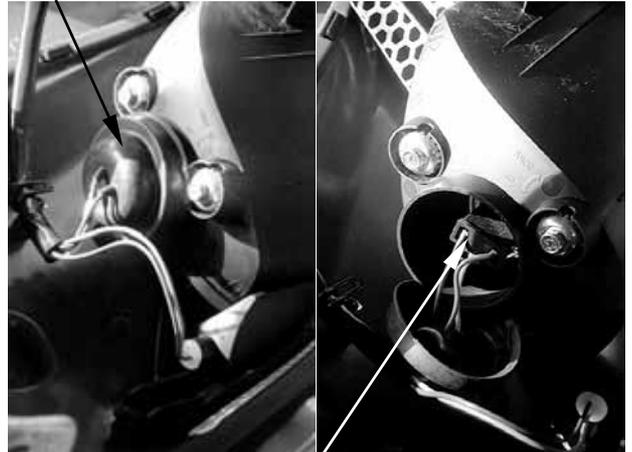
HEADLIGHT

Remove the front fender. (See page 2-8)

Remove the rubber boot from the headlight case.

Disconnect the headlight wire connector.

Rubber Boot



Headlight Connector

Relax the lock clips to remove the bulb and replace with a new one.

Install the bulb, aligning the bulb socket groove with the bulb tab and set the lock clips.

Connect headlight wire connector.

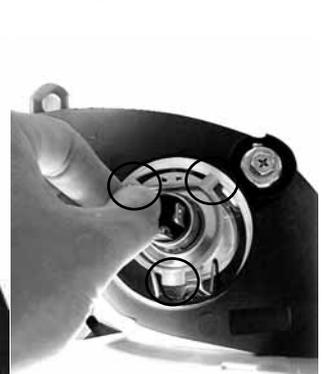
Install the rubber boot.

Install the front fender in the reverse order of removal.

Lock Clips



Lock Clip



POSITION LIGHT

Remove the bulb socket by pulling it out.

Remove the bulb.

Install the bulb in the reverse order of removal



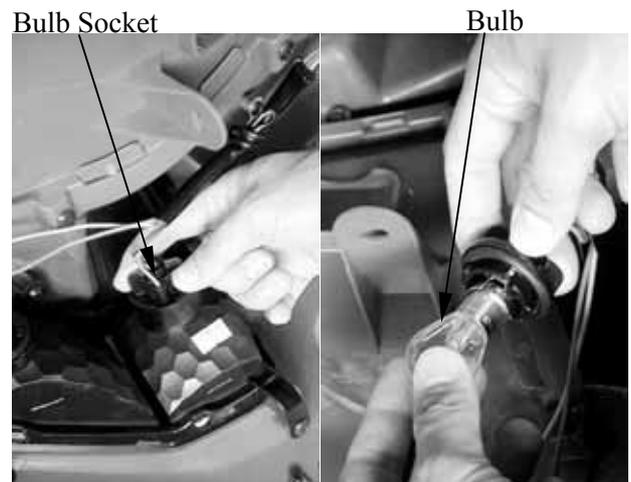
Bulb Socket

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TAIL/BRAKE LIGHT

Remove the bulb socket by turning it counterclockwise.
Remove the bulb.

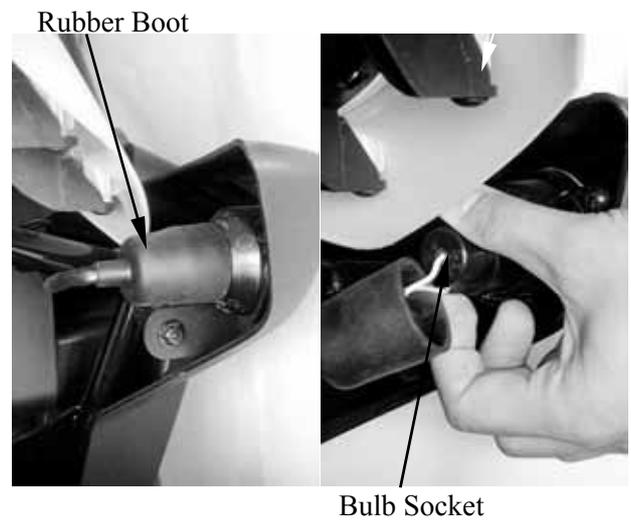
Install the bulb in the reverse order of removal.



TURN SIGNAL LIGHT (ON ROAD)

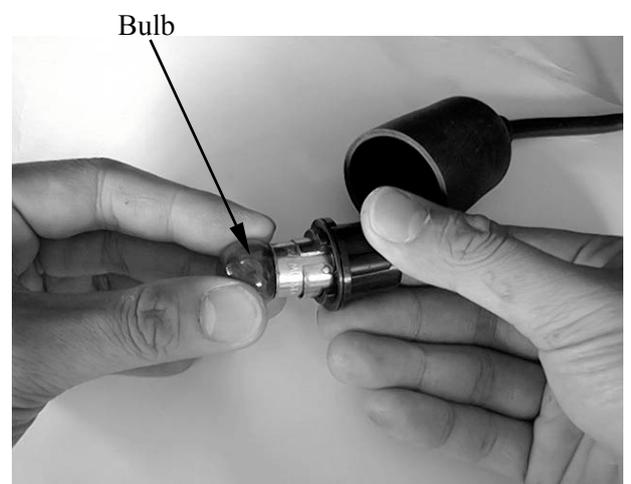
FRONT

Remove the rubber boot from the turn signal light case.
Remove the bulb socket by turning it counterclockwise.



Remove the bulb.

Install the bulb in the reverse order of removal.



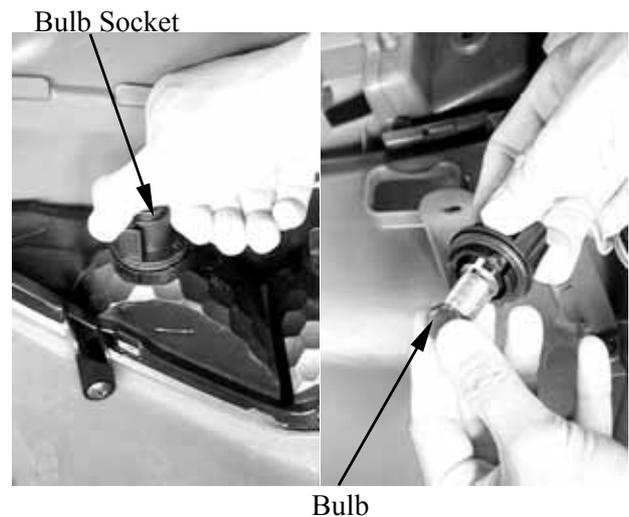
19. LIGHTS/SWITCHES

REAR

Remove the bulb socket by turning it counterclockwise.

Remove the bulb.

Install the bulb in the reverse order of removal.

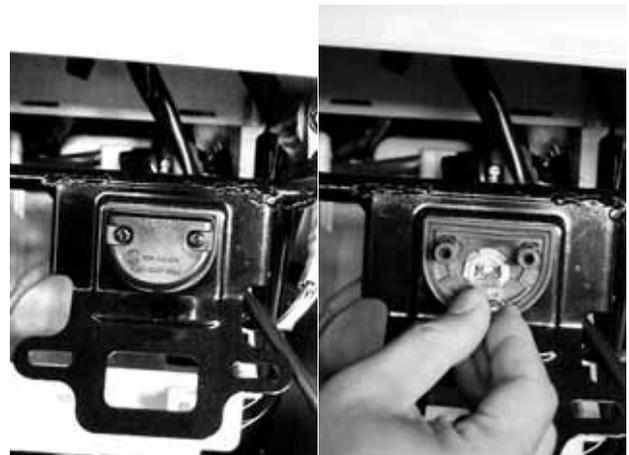


LICENCE LIGHT BULB (ON ROAD)

Remove the two screws and licence light cover.

Remove the bulb.

Install the bulb in the reverse order of removal



HORN (ON ROAD)

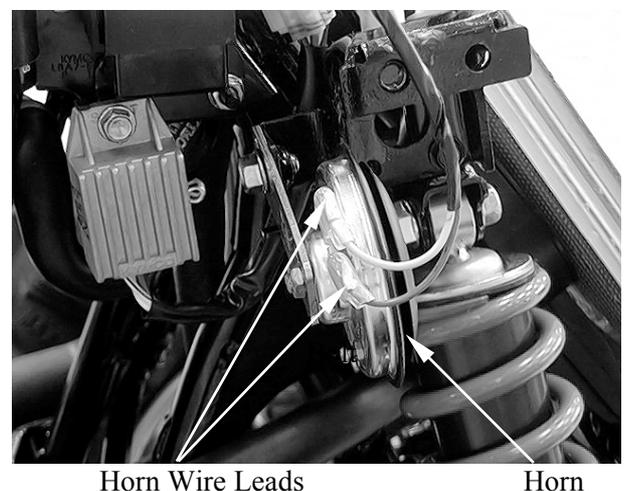
REMOVAL

Disconnect the horn wire leads.

Remove the bolt and remove horn.

INSTALLATION

The installation sequence is the reverse of removal.



Horn Wire Leads

Horn

19. LIGHTS/SWITCHES

IGNITION SWITCH

INSPECTION

Disconnect the ignition switch connectors.
(Refer to the "HANDLEBAR COVER REMOVAL" section in chapter 2.)

Check for continuity between the switch side connector terminals in each switch position.

Continuity should exist between the color coded wires as right:

| | IG | E | BAT1 | BAT2 | PO |
|-------|-----|---|------|------|----|
| OFF | ○ | ○ | | | |
| ON | | | ○ | ○ | |
| PO | | | ○ | ○ | ○ |
| COLOR | B/W | G | R | B | BR |

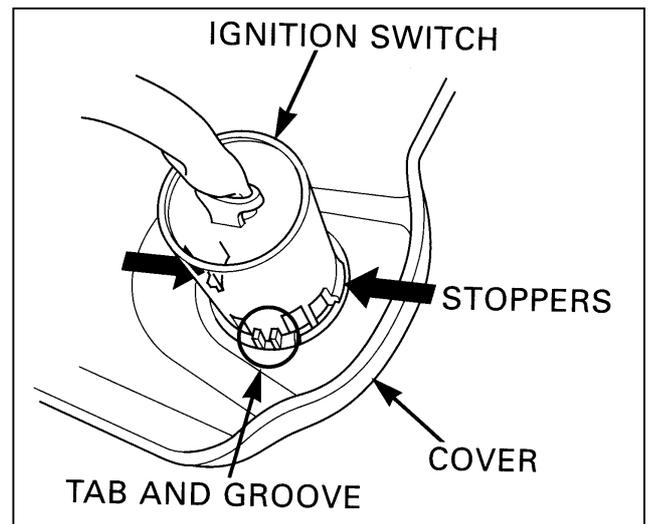
REPLACEMENT

Release the switch wire from the wire clips on the steering shaft holder frame pipe.

Remove the handlebar cover (see page 2-7).
Remove the ignition switch from the cover while pushing in the two stoppers.

Install a new ignition switch by aligning the locating tab with the groove in the cover.

Install the removed parts in the reverse order of removal.



HANDLEBAR SWITCH

INSPECTION

Remove front center cover. (See page 2-7)

Disconnect the connectors.

Check for continuity between the switch side connector terminals in each switch position.

Continuity should exist between the color coded wires as next page:

19. LIGHTS/SWITCHES

(ON ROAD)

HORN SW

| | | |
|-------|----|-----|
| | HO | BAT |
| FREE | | |
| PUSH | ○ | ○ |
| COLOR | LG | B |

WINKER SW

| | | | |
|-------|----|---|----|
| | R | L | WR |
| L | | ○ | ○ |
| R | ○ | | ○ |
| COLOR | SB | O | GR |

START SW

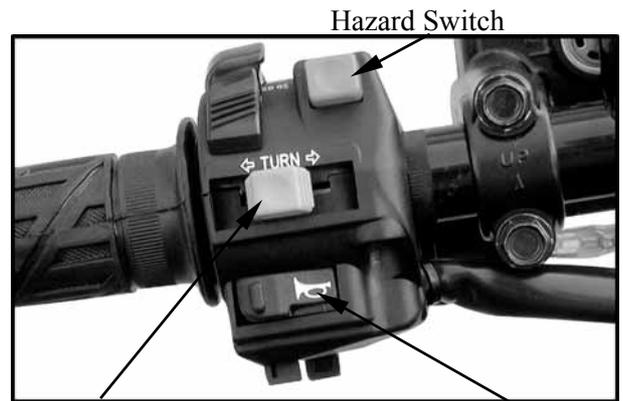
| | | |
|-------|-----|------|
| | ST | C |
| FREE | | |
| PUSH | ○ | ○ |
| COLOR | Y/R | Y/BR |

LIGHT SW

| | | | |
|-------|------|----|----|
| | PO | LO | HI |
| ☰ | ○ | | |
| ☷ | ○ | ○ | |
| ☷ | ○ | | ○ |
| COLOR | BR/B | W | L |

HAZARD SW

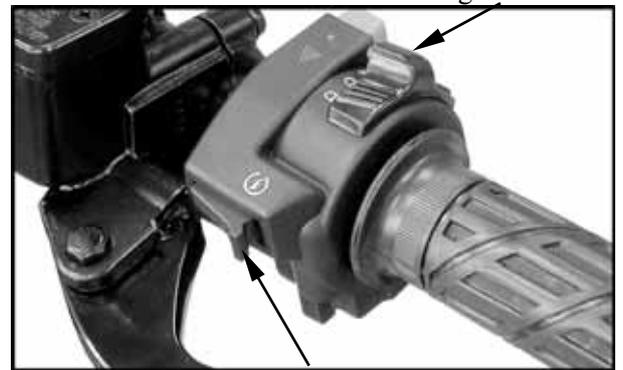
| | | |
|-------|-----|-----|
| | BAT | HA |
| △ | ○ | ○ |
| ● | | |
| COLOR | R/W | Y/B |



Winker Switch

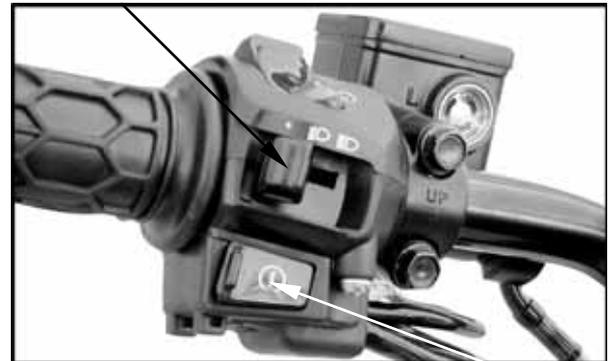
Horn Switch

Light Switch



Start Switch

Dimmer Switch



Start Switch

(OFF ROAD)

KILL SW

| | | |
|-------|------|--------|
| | E | IG |
| ○ | ○ | ○ |
| ⊗ | | |
| COLOR | BR/L | B/W(1) |

START SW

| | | |
|-------|-----|------|
| | ST | C |
| FREE | | |
| PUSH | ○ | ○ |
| COLOR | Y/R | Y/BR |

DIMMER SW

| | | | | |
|-------|------|----|----|----|
| | HL | LO | HI | PO |
| ☰ | | | | ○ |
| ☷ | ○ | ○ | | |
| ☷ | ○ | | ○ | |
| COLOR | BR/B | W | L | BR |

PASSING SW

| | | |
|-------|------|----|
| | BAT | HI |
| FREE | | |
| PUSH | ○ | ○ |
| COLOR | BR/B | L |

Pass Switch

Kill Switch



19. LIGHTS/SWITCHES

NEUTRAL/REVERSE SWITCHES

INSPECTION

Disconnect the neutral/reverse switch wire connector. (See page 6-4)

Check for continuity between the switch side connector terminal and engine ground.

NEUTRAL SWITCH

There should be continuity with the transmission in neutral and no continuity with it in any gear except neutral.

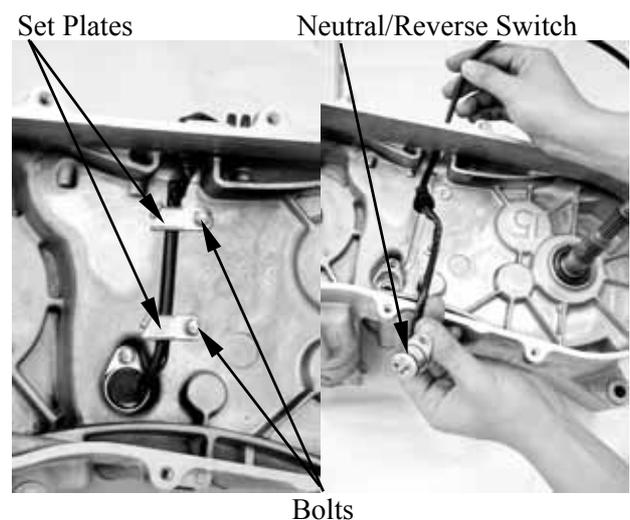
REVERSE SWITCH

There should be continuity with the transmission in reverse and no continuity with it in any gear except reverse.

REPLACEMENT

Remove drive and driven pulley. (Refer to chapter 9)

Remove the two bolts and set plates.
Remove neutral/reverse switch.



Install a new switch with a new O-ring.

***** Make sure that the lever on the neutral/reverse switch correctly engages with the locating slot on the shift shaft.

