

5. VARIOUS LOADS

A. Headlight

The headlight is to provide safe riding at night and, therefore, it should always be maintained at proper adjustment.

On the CB/CL175, a sealed beam type lamp unit is used, whereas, a semi sealed type is used on the CB/CL125. On these types, deterioration rate of brightness is relatively low. (Fig. 5-19-1-2)

a. Malfunctions

1. Broken bulb filament

Primary causes are :

- Excessive voltage applied
- Excessive vibration due to bad roads or high speed riding.
- Defective material.

2. Defective contact.

Contact points making poor contact

B. Taillight, Stop light

A combination light bulb is used for the taillight and the stoplight. The bulb rating is 6V-18/5w, (CB/CL175 : 6V-25/8W) the stop lamp is 18W (CB/CL175 : 25W) and the tail lamp 5W (CB/CL175 : 8W). The glass enclosure is a pear shaped bulb (CB/CL 125) (Fig. 5-20)

b. Inspection

1. Broken filament

The main cause of broken filament can be attributed to excessive vibration resulting from riding over bad roads or excessive voltage, however, in a rare case it can also be caused by defective material used in the manufacture of the bulb.

Remedy : Replace the bulb.

2. Defective contact

Bulb contacts making poor contact with the socket.

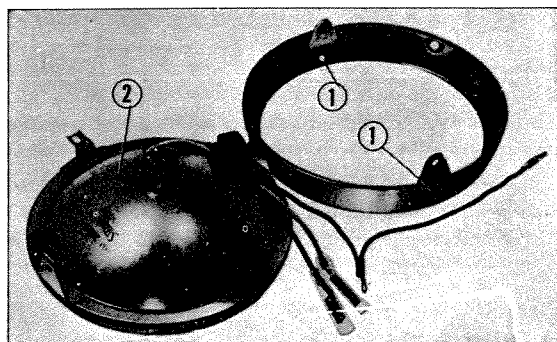
3. Broken cord

Cause : Break at the terminal due to vibration from riding over rough road.

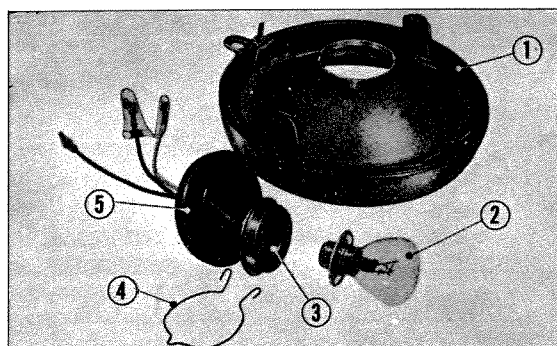
Remedy : Peel back the insulation of the cord and resolder the wire to the proper terminal on the socket or connector.

C. Neutral lamp and Speedometer lamp

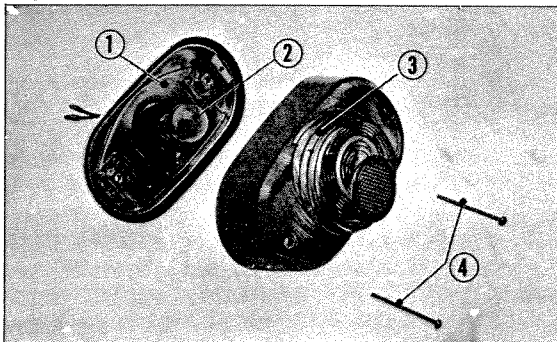
This lamp is to indicate the gear change to be in the neutral position and is located within the speedometer. Lamp rating is 6V-3.0W. Refer to section 1.2 for remedy in case of defective operation (Fig. 5-21)



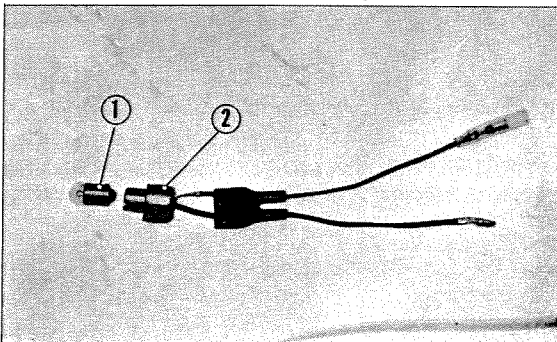
① Head light rim ② Head light unit
Fig. 5-19-1. Component parts of head light (CB/CL 175)



① Head light rim ② Head light bulb
③ Head light socket ④ Socket supporter ⑤ Boot
Fig. 5-19-2. Component parts of head light (CB/CL 125)



① Tail light base ② Tail light bulb ③ Tail light lens
④ 4x45 cross screw
Fig. 5-20. Component parts of tail light



① Neutral lamp bulb ② Socket
Fig. 5-21. Components parts of neutral lamp