URAL® *America*
Dealer Bulletin

Please be advised that intermittent operation of electrical circuitry may be experienced with the 2002 model year. Reported symptoms may be unreliable lighting or ignition operation. The source of the difficulty has been traced to intermittent plastic electrical connectors and / or fuse block components.Troubleshooting should be conducted as follows;

1)   Open the headlight bucket to expose the internal wiring.

2)   Power as many circuits as possible. This will mean applying turn signals, headlight, dash indicator lights, brake lights, running lights, etc.


3)   While observing the various indicators, gently flex the connectors and associated wires found within the bucket. If the connector is intermittent, you will be able to duplicate the problem while applying a gentle twisting motion.

4) If the connector exhibits the intermittent symptom, then use the following method to resolve the problem.
- Turn the ignition off.
- Disconnect the two halves of the connector.
- Using needle-nose pliers, gently twist the connector's male pins slightly from
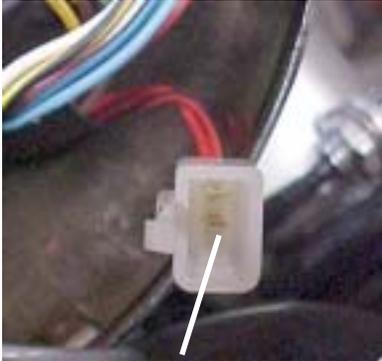

Pins are horizontal
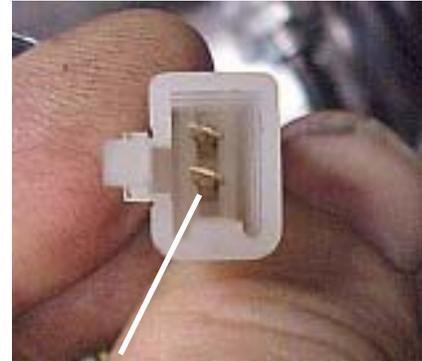
Pins are slightly twisted

9 o'clock to the 10 o'clock position. (ie. Twist approximately 20 degrees)

- Reconnect the two halves and retest the connector as described above.
- Verify the proper operation of all plastic connectors using this method.

5) Check the fuse block for correct tension between the metal ends of the fuse body and the copper tab of the fuse block. If the fuse is loose, the fuse must be removed so that the copper tab may be bent inwards slightly. Then replace the fuse in the holder and again check to see that the fuse is making consistant contact with the tab. Make sure that the battery is disconnected when working on the fuse block.
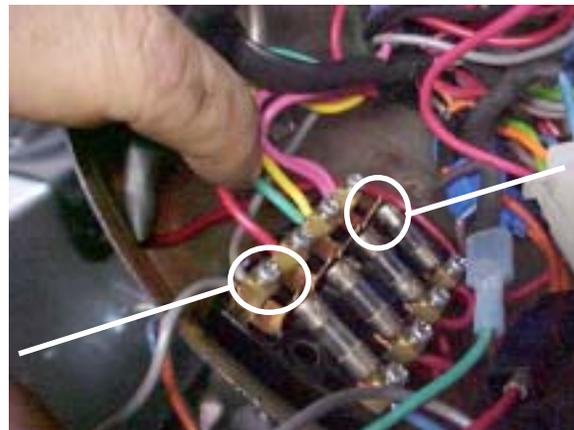
Copper Tab

Retaining Screw

6) Check the wires which are connected to the fuse block to ensure that there is reliable contact made between the conductive core of the wire and the fuse block terminal. The wire should not pull out of the fuse block terminal when a moderate pull is applied to each wire. If a wire pulls out of the fuse block terminal, then use the following method to resolve the problem.
- Disconnect the battery.

- Unscrew the retaining screw on the fuse block terminal as far as possible, without the screw falling out of the block.
- Redress the wire strands by twisting them so that they form a solid shape similar to a twisted rope with no strands pointing out to the sides.
- Re-insert the wire into the terminal and re-tighten the terminal retaining screw enough to hold the wire snugly in place *without cutting any of the wire strands*.
- <u>Do not insert the wire into the terminal so far that the insulation is between the retaining screw and the wire core.</u>
- Retest the fuse block connectors by again running the bike while gently pulling on the wires and fuses.