

ONAN IGNITION SYSTEM TROUBLESHOOTING

This is a typical ignition module for an Onan engine.



This is a typical ignition coil for an Onan engine.



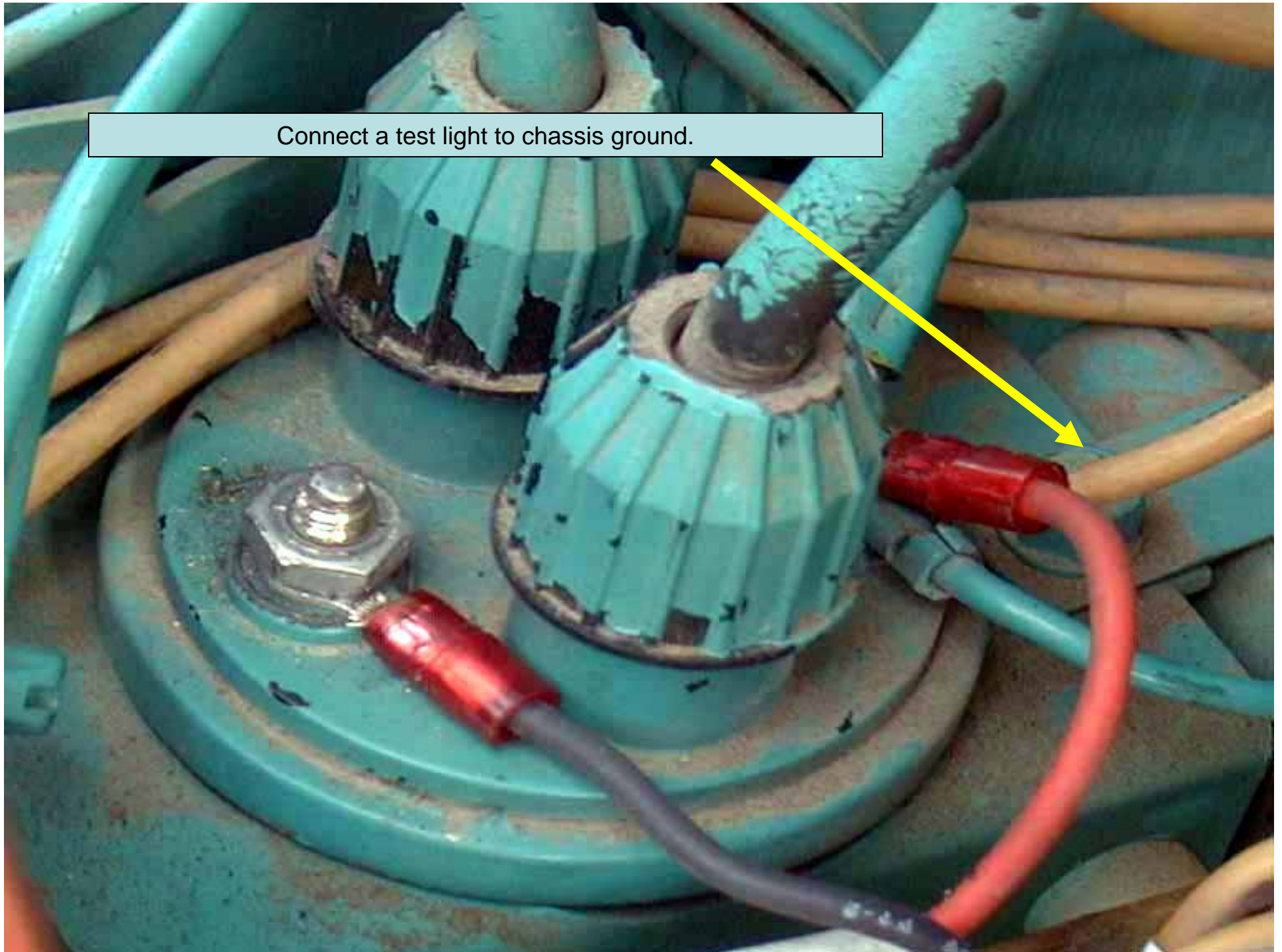
If you are getting no spark at the spark plugs, remove the plug wires and check for continuity. No continuity means a bad wire. Replace both of them. Verify the condenser is not grounded. Remove the condenser and check for continuity between the end of the wire and the mounting bracket of the condenser. You should read no continuity.



To check the ignition coil and ignition module.....

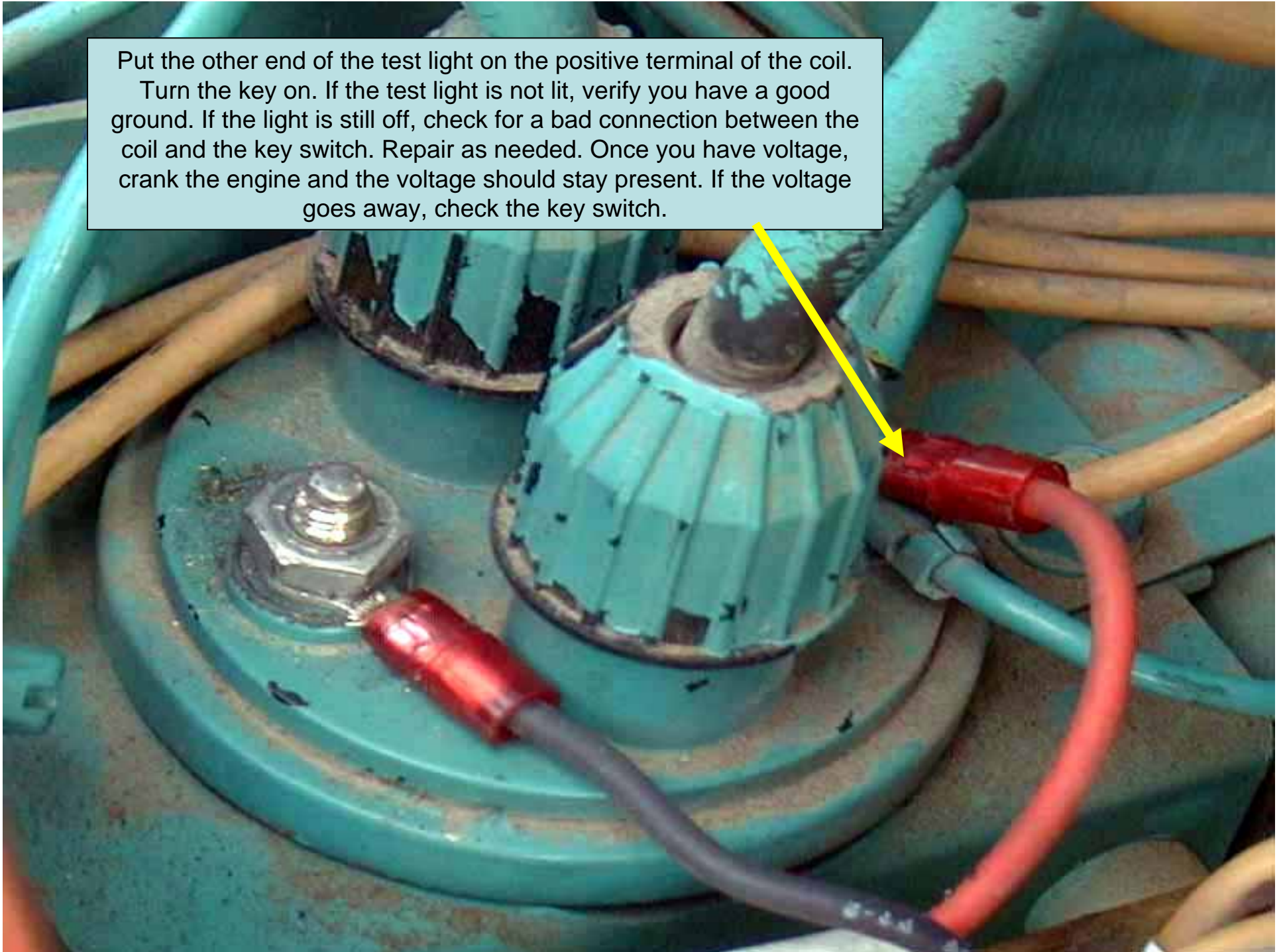


Connect a test light to chassis ground.



Put the other end of the test light on the positive terminal of the coil.

Turn the key on. If the test light is not lit, verify you have a good ground. If the light is still off, check for a bad connection between the coil and the key switch. Repair as needed. Once you have voltage, crank the engine and the voltage should stay present. If the voltage goes away, check the key switch.



With the test light grounded, move the test light to the negative terminal of the coil. Crank the engine. The test light should pulse bright and dim. If the light does not pulse, replace the ignition module. If the light does pulse, replace the coil.

