

Troubleshooting: Bikes

*Models: R1400 (RB108), R1500 (RB109), R2050 (RB110),
E1400 (CB120), E1500 (CB121)*

CONSOLE PROBLEMS

Symptom	Solution
No RPM, Speed, or Watts readout	1. Check to see if the RPM sensor is firmly plugged in and positioned properly relative to the magnet on pulley/sprocket 2. Check RPM sensor wire for visible damage. • Replace if damaged (Note: Sensor can be tested for continuity by unplugging sensor wire from main wire harness and passing the magnet over the sensor. The sensor will act like a simple on-off switch when the magnet is present/absent). 3. Check to be sure the magnet is present on the crank pulley/sprocket. (Note: If the magnet is missing, it may be at the bottom of the bike). • Glue magnet in place 4. Replace the batteries in the console. 5. Console • Check connector in back of console • Replace console
Symptom	Solution
Console Resets after 5 minutes (Note: this is normal if not pedaling)	1. Verify RPM sensor placement and connections • If damaged, replace sensor/wires 2. Magnet missing from crank pulley/sprocket (Note: If the magnet is missing, it may be at the bottom of the bike) • Glue magnet in place

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NOISE PROBLEMS

Symptom	Solution
Clicking, knocking, or thumping noise in crank, idler, flywheel area	1. Check and tighten all bolts on the bike 2. Tighten Pedals 3. Tighten crank arms 4. The brake may be rubbing against the flywheel. This only happens at high tension levels. • Replace flywheel assembly 5. Pedal bike to where noise is prevalent; stop pedaling • If noise continues, replace flywheel • If noise stops immediately, remove and inspect crank and idler bearings separately; replace as necessary 6. The idler wheel is not tracking properly • Use a wrench to bend the idler arm out or in until the belt tracks on the center of the idler wheel