

Lesson 6

Troubleshooting the PCC 3201

Key Troubleshooting Points



Good “Look and Listen” inspection

Interpret data and LEDs

Proper meter use

Read and interpret Wiring Diagrams

Static protection – wrist strap

Use troubleshooting charts and other data

Write down your readings

PowerCommand Service Tool Kit

InPower service software

Fault Listing (Active/Inactive)

Strip Chart

Test Function

PowerCommand Control 3201 Breakout Tool

True RMS meter

Similarities in Troubleshooting



Interpret data

Good meter use

Wiring & Schematic Diagrams

Differences in Troubleshooting



Static Damage

Ground signals

Test kit needed for senders

Must crank set for O/C testing

Breakout tool needed

LED, ELD, InPower indications

Troubleshooting Aids



FIS Codes

Breakout Tool

InPower Software

LOP Warnings/Shutdowns

Menus

Troubleshooting Activities



In-Class practice
Breakout Tool Familiarization
Simulator Problems
Genset Problems if available