

## 2.5.5 Resetting the Controller After a Fault Shutdown

Always identify and correct the cause of a fault shutdown before resetting the controller. Check the fault message displayed on the controller and refer to Figure 25 to identify and correct the fault condition before proceeding. Contact an authorized dealer for service, if necessary.

### RDC2 Controller Reset Procedure

Press the OFF button to reset the controller, or follow the procedure below. See Figure 24.

1. While the fault message is displayed, press the Select button to go to the Overview menu.
2. Press Select again. The active fault message is displayed.
3. Press Select. Confirm Clear Fault: NO is displayed.
4. Press the UP arrow button. Confirm Clear Fault: YES is displayed.
5. Press the Select button to enter YES and clear the fault.
6. Press the Select button to return to the overview menu. The controller changes to OFF mode.
7. Press AUTO to put the generator set into automatic mode.

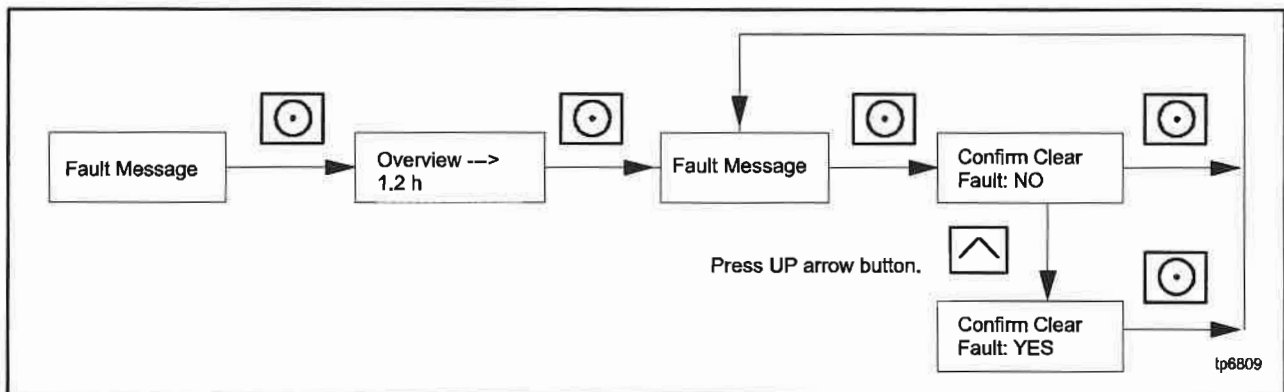


Figure 24 Clearing a Fault on the RDC2 Controller

Fault Message	Warning (W) or Shutdown (SD)	Condition	Check
AC Sens Loss	W (1 sec.) SD (3 sec.) *	AC sensing lost. In Auto mode, generator output AC sensing is lost. Detection begins 10 seconds after crank disconnect. Warning: after 1 second if no output detected after crank disconnect. Shutdown: after 3 seconds if voltage was present and then lost.	Contact an authorized dealer for service.
Accy PwrOver Warning	W	Accessory Power Overload. An over current fault (short circuit) on the accessory controller power output.	Contact an authorized dealer for service.
Advanced Diagnostic	SD	Shutdown during the reduced speed portion of an exercise. The event history will show Advanced Diagnostic Active. The engine then restarts, runs at full speed for 2 minutes, and stops. The controller returns to AUTO mode. The exercise schedule does not change.	If the generator set does not restart and return to AUTO, check for other faults that prevent generator set operation.
ATS ComError	W	ATS communication error. Warning is displayed if ATS interface connection is lost. See the section title: ATS Communication Errors.	Check communication wiring between transfer switch interface board and generator set.
ATS PhaseRot	W	ATS phase rotation mismatch. Transfer switch phase rotation does not match, ATS will not transfer.	Correct the ATS connection. Refer to the ATS Installation manual, wiring diagrams, and labels on the transfer switch.
Aux Input	SD *	Auxiliary input. An optional customer-connected input is closed. (Digital input from optional PIM.)	Check customer-supplied equipment.
Batt Chg Flt	W	Battery charger fault. Input to PIM from an external battery charger (not the built-in battery charger).	Check external battery charger.