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◀ Product: NO EQUIPMENT SELECTED  
Model: NO EQUIPMENT SELECTED  
Configuration: NO EQUIPMENT SELECTED

## Troubleshooting

### EMCP 3

Media Number -RENR7902-01

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I02461490

# Engine Cooldown Warning

SMCS - 4490

## System Operation Description:

The following conditions cause the engine to enter a stop mode

- Loss of a remote initiate signal
- Activation of the stop signal input
- A data link message calling for a engine shutdown

If the engine is running, the engine will continue to run in cooldown. When the cooldown interval is complete, the engine will stop. An immediate shutdown due to a critical fault will cause the engine to shutdown and the Cooldown Timer to be bypassed.

**Reference** For more information on setting the cooldown duration setpoint, see Testing and Adjusting, "Electronic Control Module (Generator Set) - Configure",

## Conditions Which Generate This Code:

The code for the engine cooldown is generated when the EMCP 3 determines that an engine cooldown is in progress. The engine will continue to run until the cooldown duration time has expired.

## Test Step 1. Talk to the Operator

**Note:** No repair to the engine is necessary.

- A. Determine the conditions that caused the diagnostic code.

## Expected Result:

A shutdown was initiated by the operator or by the software that caused the engine to enter into the

[https://127.0.0.1/sisweb/sisweb/techdoc/techdoc\\_print\\_page.jsp?returnurl=/sisweb/sisweb/...](https://127.0.0.1/sisweb/sisweb/techdoc/techdoc_print_page.jsp?returnurl=/sisweb/sisweb/...) 8/14/2007

cooldown mode.

**Results:**

- **OK - STOP**
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