



**Countries:** CANADA, UNITED STATES  
**Availability:** ISIS  
**Major System:** ELECTRICAL SYSTEM  
**Current Language:** English  
**Other Languages:** NONE  
**Viewed:** 742

**Document ID:** IK0800364  
**Revision:** 2  
**Created:** 5/4/2012  
**Last Modified:** 8/26/2013  
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Coding Information

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**Title:** SART Module Diagnostics

**Applies To:** 2010 and later MaxxForce® 11,13, 15 engines

### DESCRIPTION

The technician may notice this code is active or inactive. The customer might not mention a warning light for this code alone. Diagnostic Information and procedures for SART module related codes are explained.

### POSSIBLE DIAGNOSTIC TROUBLE CODES

SPN	FMI	MODULE	DESCRIPTION
251	19	ECM	ECM not detecting CAN message for real-time clock
524285	14	SART	Unknown Fault

### PARTS INFORMATION

Part #	Description	Qty.
3714874C1	MODULE REAL TIME CLOCK	1

### TROUBLESHOOTING

The Status of the fault (whether the code is active or inactive) will determine the troubleshooting steps.

1. Open ServiceMaxx and check to see if the code is active.
  - 1a Use the datalink sniffer in servicemaxx to see if SART module is communicating.

If the code is **ACTIVE**, and the SART is communicating, follow the steps below:

- 1 [Check status of RTC and Resync](#)
- 2.If clock resyncs, the code clears and does not return, release the vehicle to customer
3. If the code will not clear, but the module is communicating, the module will need to be replaced.
  - 3a.If the module is not communicating, check for power, ground and datalink to the module.

#### [Datalink troubleshooting](#)

If the code is **INACTIVE**, follow the steps below:

- 1.Check power, ground and datalink to module.
2. If no trouble found, clear the code and release the truck to the customer.

### DO NOT OPEN THE SART MODULE

#### [Circuit Diagrams](#)

- [ProStar LoneStar,\(EPA 2010\) Circuit Diagram](#)
- [PayStar MaxxForce® 11 / 13L / 15L](#)

**ADDITIONAL INFO**

- [SART LOCATION](#)

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