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 Major System: ENGINES Created: 2/22/2016
 Current Language: English Last Modified: 11/21/2016
 Other Languages: NONE Author: Erik Wass
 Viewed: 388

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Coding Information

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Title: 2630-16 CACOT Under Cooling Faults on N13 WorkStar Plow Truck Application

Applies To: All N13 WorkStar Snow Plow Applications

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

11/17/2016 - Eliminated fan override switch field correction. Added DLB ladder logic template as latest field correction. 03/01/2016 - Added diagnostic manual link in step 4 of the repair procedure 02/22/2016 - Initial Article Release
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DESCRIPTION

N13 WorkStars equipped with a snow plow may set 2630-16 faults without an issue with the sensor or circuit. Cruising at highway like speeds with the plow blade raised in the air can cause enough reduction in air flow over the CAC to set a 2630-16 CAC Undercooling fault. See 'Repair Steps' below for the correction.

NOTE: VERIFY THERE IS NO DIRT/DEBRIS IN THE CAC AND THAT THE OPERATOR WAS NOT USING A WINTER FRONT IN WARM WEATHER

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
2630-16	CACOT Under Cooling

Customer Observations or Concerns:

MIL illuminated after driving with the plow raised at highway speeds.

SPECIAL TOOL(s) / SOFTWARE

Tool Description
ServiceMaxx
Diamond Logic Builder

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required
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Not Applicable		
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DIAGNOSTIC STEP(s)

Not Applicable

REPAIR STEP(s)

INSTALLATION PROCEDURE:

1. Connect EZ-Tech to 9-pin.
2. [Click Here](#) to Download the Diamond Logic Template file. Save to desktop.
3. Upload template to truck via DLB. [Click here](#) for instructions on importing/exporting DLB .IVA files. NOTE: If you do not have high enough DLB rights to upload the template to the truck please contact technical services.
4. Test drive with the plow in the air at highway speeds to verify the fan engages, fault does not return and CACOT does not continuously rise with the fan on. NOTE: If the fault returns active with the fan on proceed by going through the 2630-16 diagnostics in the [engine manual](#)

WARRANTY INFORMATION

Warranty Claim Coding:

Group:	08526 - Body Electrical System Controller Components
Noun:	887 - Programming

Standard Repair Time(s):

SRT Manual
Click Here

Claim Comment Suggestion:

PLEASE REFERENCE THIS IKNOW ARTICLE WHEN FILING YOUR WARRANTY CLAIM!

Special Requirement(s):

OTHER RESOURCES

[Master Service Information Site](#)

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Staff ID	Client ID	Comments	Created Date
U01G497		You received the following feedback From: U01G497 - Dustin Dubose Email Address: SMTP:{Dustin.Dubose@navistar.com} Dustin.Dubose@navistar.com Feedback: Please put in the instruction when applying the template, you need to ONLY select advanced logic. By clicking apply all or have any other box checked will give un desirable results. See case file 3551757 that selected all and had programming issues that required tech service to log in and correct.	11/23/2016 9:24:50 AM
	DY23744	You received the following feedback From: dy23744 - Jim Wiser Email Address: jwiser@stadiumtrucks.com Job Classification: SE003, Service Manager Dealer: STADIUM INTL S & S, LLC Feedback: We just discovered that in order to complete this programming successfully that the tech needs 'level 3 DLB programming authority'. This should be indicated in the instructions. Also, presently, we are unaware of how to get these rights.	11/23/2016 12:08:32 PM

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