



# Temporary Repair Practice

TRP Number: t2595	Revision: B	Released Date: 11-May-2023
ISX15 X2/X3 MY16 Engine Outlet NOx Sensor TRP for Out of Warranty Failures		Expiration Date (U.S. and Canada): 17-Jan-2028
		Expiration Date (International): 17-Jan-2028

## Attention

- U.S. / Canadian Dealers
- U.S. / Canadian Distr./Branches and Div. Offices (Automotive)

**This is to revise and replace TRP 2595-A, dated 28-Feb-2023. This revision is to:**

- 1. Update the Reimbursements, and**
- 2. update the Parts list.**

**If additional information is required, please contact your Cummins Warranty Operations Group Leader.**

## Description

This Temporary Repair Practice is being issued to address Engine Outlet NOx Sensor failures on certain ISX15 CM2350 X101 engines. This TRP authorizes certified repair locations to replace the Engine Outlet NOx Sensor if fault codes or troubleshooting lead to a confirmed failure of Engine Outlet NOx Sensor.

**Note :** This TRP **only** applies to engines that are no longer covered by a Cummins Base, Extended, or Emissions warranty program. If a Cummins coverage is available for the failed component, the claim should be filed to the coverage that gives the most benefit to the Customer.

# Action

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In order to qualify for repair under this field action, an engine:

1. **must** have NO existing coverage, and
2. **must** be within 10 years in service and 435,000 miles, and
3. **must** show as OPEN on QuickServe® Online for this field action, and
4. **must** experience a Engine Outlet NOx Sensor failure.

**Note** : The ESN list is attached for reference.

After verifying that the engine meets the above requirements, perform the following actions:

1. As required, remove and replace the Engine Outlet NOx Sensor using service procedure 019-463 in the appropriate Cummins Service Manual.

**Note** : If the unit is covered by a Cummins Base, Extended, or Emissions warranty program, file claims as is appropriate and best benefits the customer. If Engine Outlet NOx Sensor is covered by a warranty program, the unit is **NOT** eligible for this field action. File Admin **ONLY** claim to close the field action.

**Note** : Certified repair locations outside of California, who elect to perform this campaign on engines installed in vehicles which are registered in the state of California, are authorized to do so if they have the two items noted below in their inventory. Please note that the Label, Authorized Change and the Proof of Correction Form **must** be ordered through standard parts processes. They are **not** available on QuickServe® Online.

2. If applicable, a Label Authorized Change, Cummins part number 5297400, **must** be filled out and affixed to the engine. Clearly print or type EONox SENSOR UPDATE in the center box. Fill in the Campaign Number, Distributor or Dealer Code, and Date information. Peel off the backing material and install the label on the engine valve cover near the engine data plate. There is a clear protective cover on this label; peel the backing off of this cover and push the clear cover over the printed material. This will help protect the label during engine operation. Label cost and appropriate SRT time can be claimed per Campaign guidelines.
3. If applicable, an Emissions Campaign - Proof of Correction form, Bulletin #4310621, **must** be filled out and provided to the Customer. Inform the Customer to retain this certificate as proof that the Emissions Campaign has been performed. This form may be required as proof of an Emissions Campaign by the State of California, for vehicles registered in that state, the next time the vehicle registration is renewed. Form cost and appropriate SRT time can be claimed per the Campaign guidelines.
4. File one claim for the applicable listed parts and required labor to complete the repair.

## Material Disposition

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Where applicable, items removed should be returned to ReCon for core credit. Unless otherwise indicated, items with no core liability can be scrapped.

## Reimbursements

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### Parts

**Note** : All parts listed are OPTIONAL. Claim **only** the parts required to complete the repair. ReCon (RX) parts should be used and claimed when performing all Cummins Field Actions. New or NX parts should **only** be used when making before-in-service repairs. Additionally, due to local laws, RX/PX parts may **not** be available for use in the repair. If this is the case for your region, use the New part equivalent of the appropriate ReCon part. Further, if RX/PX parts are **not** readily available to complete the repair in a timely fashion, the new part equivalent can be secured and used for the repair. The part numbers 4310621 and 5297400 are **only** required for use on engines installed in vehicles registered in the state of California. They are OPTIONAL for all other applications.

The following parts are covered under this field action:

Part Number	Quantity	Description
368793000	1	SEN,OXI (OPTIONAL)
368793000RX	1	SEN,NIT (OPTIONAL)
431062100	1	PROOF OF CORRECTION FORM (OPTIONAL)
432687000	1	SEN,OXI (OPTIONAL)
432687000RX	1	SENSOR, NOX, ENGINE OUT (OPTIONAL)
529740000	1	LABEL AUTHORIZED CHANGE (OPTIONAL)

**Note** : SRTs to gain access that are required to complete the repair, that are sufficiently explained in the claim narrative, may also be claimed on this action.

**Note** : For California registered vehicles **ONLY**, SRT 17-901 for up to .1 hours can be claimed for completing the Label - Authorized Change and the Emissions Campaign - Proof of Correction form.

#### Labor Using Applicable Access Code and Time

SRT Code	Description	Time (hrs)
00-90F	TECHNICIAN ADMINISTRATIVE TIME - FIELD ACTION SERVICE EVENT	
17-901	STAMP ENGINE DATA PLATE/APPLY EMISSION STICKER (OPTIONAL)	
19-045	Aftertreatment Intake Nox Sensor- Remove and Install	

#### Travel

Travel is **not** covered under this field action. Towing is **not** covered under this field action.

#### Other Claimables

Consumables are covered under this field action.

**Note** : Additional parts, such as o-rings, gaskets and fasteners, that are required to complete the repair, but **not** listed, may be claimed in Other Claimables. Please consolidate all consumables and claim them as one line item in Other Claimables titled CAMPAIGN SUPPLIES or other appropriate selections. Please include brief summaries on the details of items claimed. A lack of documentation in the narrative may result in a reduction in claim reimbursement or claim denial.

## Claim Instructions

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For Cummins Dealers, claims for this TRP **must** be filed via **RAPIDSERVE™** Web ([rsw.cummins.com](http://rsw.cummins.com)). For information regarding **RAPIDSERVE™** Web, please reference the "Warranty" tab in QuickServe® Online. If there are additional questions, please contact your local Cummins Distributor.

### Claim Codes

Description	Code
Account Code:	65
Pay Code:	North America Distributor = X
Pay Code:	North America Dealer = D
Pay Code:	International Distributor = I
Pay Code:	International Dealer = R
Failure Code:	WYNEOC

## Attachments

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[Click here to see t2595\\_esn-list.xlsx](#)

(/service/english/attachments/t2595\_esn-list.xlsx)

Engine Family	Fuel System
L Gas Plus ISL Gas	CM2180
Design Application	Market Application
Automotive	Bus

## Document History

Date	Details
	Document Created; 17-Jan-2023
	Update the Action; 28-Feb-2023
	Update the Reimbursements, and update Parts list; 11-May-2023

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**Last Modified: 11-May-2023**

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