



WARRANTY ENHANCEMENT PROGRAM (WEP)

USE ONLY IF FAILURE IS PRESENT

COE NITROGEN OXIDE (NOX) SENSOR – AAPE0

**BULLETIN NO: WP-23-004
DATE: 1-18-2023
REF: QA-221220-N1**

SUBJECT VEHICLES: Certain 13MY-20MY Cab-Over Engine (COE) Trucks equipped with a J05 engine.

OVERVIEW:

NOx Sensor may fail due to condensation on the tip at cold start. This failure will cause the MIL to illuminate. In addition, the following DTC's may set if the NOx sensor has failed; DTC P2201 (Abnormality in characteristics of SCR upstream NOx sensor); or P229F (Abnormality in characteristics of SCR downstream NOx sensor); or DTC P20EE (Decline of SCR catalyst NOx conversion efficiency); or P2BAE (DEF dosing feedback control error). When these DTC's are detected the NOx sensor of your vehicle may require replacement.

If this condition is found, refer to the appropriate Vehicle Identification Number in the warranty system to determine vehicle eligibility.

Warranty Terms

Perform this repair ONLY if failure condition is present.

-Warranty enhancement program: 10 years with no mileage limitation from the delivery date to the initial end purchaser, or five (5) years from the date of the customer notification letter, whichever is longer, will be covered by this program.

For any other failure modes, standard warranty conditions will be applied.



PARTS:

Model Year	Part Number	Part Description	Quantity
2013-2016	89463E0700	Sensor, Nitrogen Oxides	1 or 2
2017-2020	89463E0540	Sensor, Nitrogen Oxides	1 or 2

BEFORE YOU BEGIN:

- Read and understand all instructions and procedures before you begin the work.
- Read and follow all **WARNINGS** and **NOTICES** set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
- Park the vehicle on a flat, level and solid surface.
- Place the gear shift lever in "Neutral" or "Park".
- Apply the parking brake firmly and confirm parking brake activation.
- Turn off the engine and remove the key from the ignition switch.
- Always wear safety glasses or goggles to protect your eyes.
- Place wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.

REPAIR PROCEDURE:

Please refer to the Hino Service Manual for replacement instruction.

(Exhaust J05E)



CLAIM APPLICATION

** Reimbursable in accordance within the terms and policies of the Hino limited warranties.*

(If submitting for a past customer paid repair invoice reimbursement, add .3 hours labor in the sublet)

Nox Sensor Replacement:

- a) Campaign No: AAPE0
- b) Labor charge: .8 hours / 1 Sensor, 1.3 hours / 2 Sensors

(Labor charge includes .3 hours diag. labor)
- c) Warranty code: 86661
- d) Trouble code: 98
- e) Operation code: 86609ARE
- f) Original failed part: 9999999999

