



EMISSIONS RECALL

COE DEF INJECTOR REPLACEMENT

CAMPAIGN NO: AAGK0

DATE: 9-1-2020

REFERENCE: QA-200831-N1

SUBJECT VEHICLES: Certain 13MY-16MY COE (Cab Over Engine) 195 and 195h trucks equipped with a J05 engine

Note: *Refer to the appropriate Vehicle Identification Number in the warranty system to determine vehicle eligibility.*

OVERVIEW:

The seal structure of the dosing valve of the DEF Injector may be inadequate. With an inadequate seal, water or DEF may enter inside the coil of dosing valve from the seal, causing the DEF Injector to be inoperative. For vehicles built before the improved part was introduced into production, the DEF injector will be replaced with an improved one.



BEFORE YOU BEGIN:

- Read and understand all instructions and procedures before you begin the work.
- Read and follow all **NOTICES** and **WARNINGS** set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
- 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 to protect your eyes.
- Place wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.

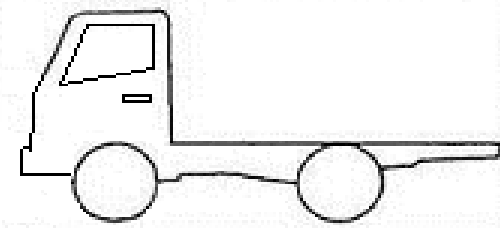
PARTS:

Part Number	Part Description	Quantity
S17J0E0020	DEF Injector	1



VEHICLE PREPARATION:

1. Park the vehicle on a flat, level and solid surface. Confirm the engine is stopped, the ignition switch is in the off (LOCK) position, and the key is removed.



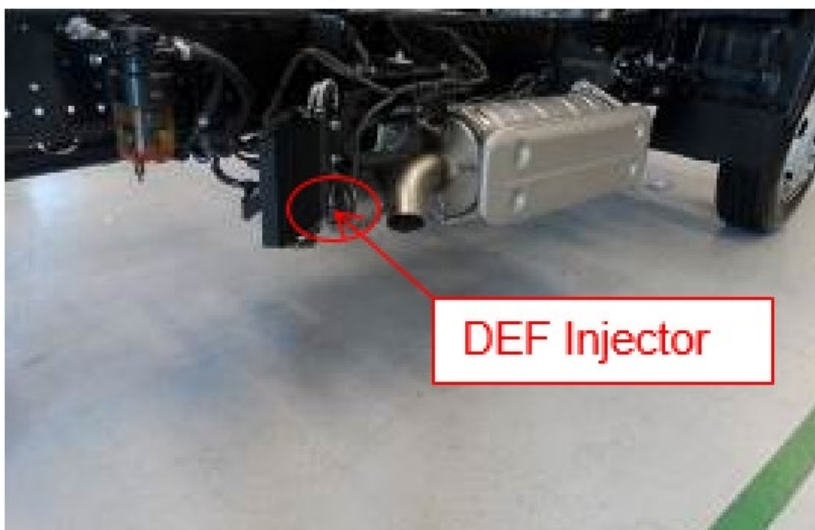
2. Apply the parking brake. Chock all of the wheels.



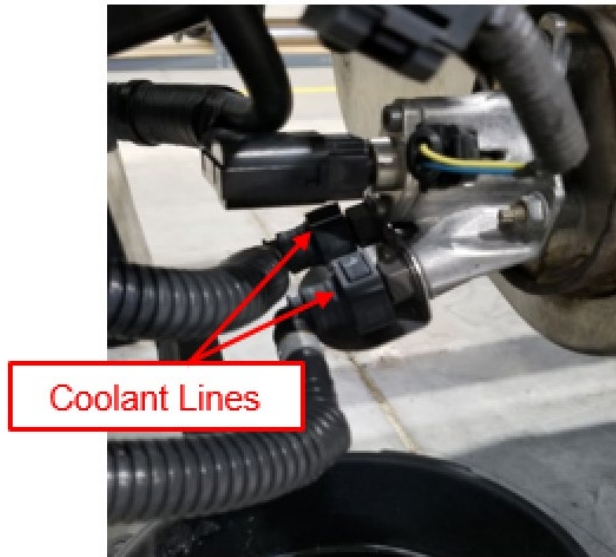
Repair Procedure:

WARNING: Hot engine coolant and a hot exhaust system can cause serious burns and other injuries. To avoid serious burn injuries, make certain that both the engine and the exhaust system are cool and at ambient air temperature before beginning this repair procedure.

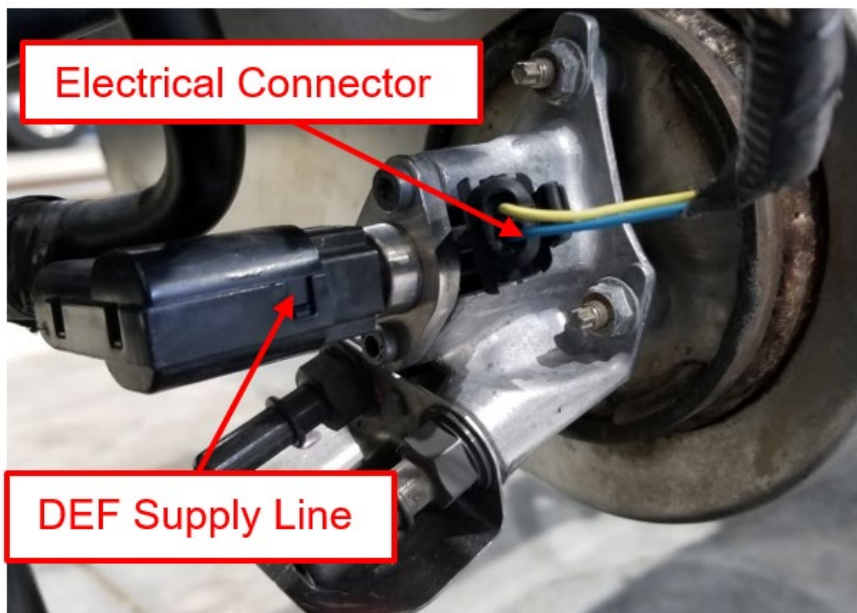
1. When the engine and exhaust system are cool, locate the DEF injector on the rear of the exhaust system below the passenger side frame rail.



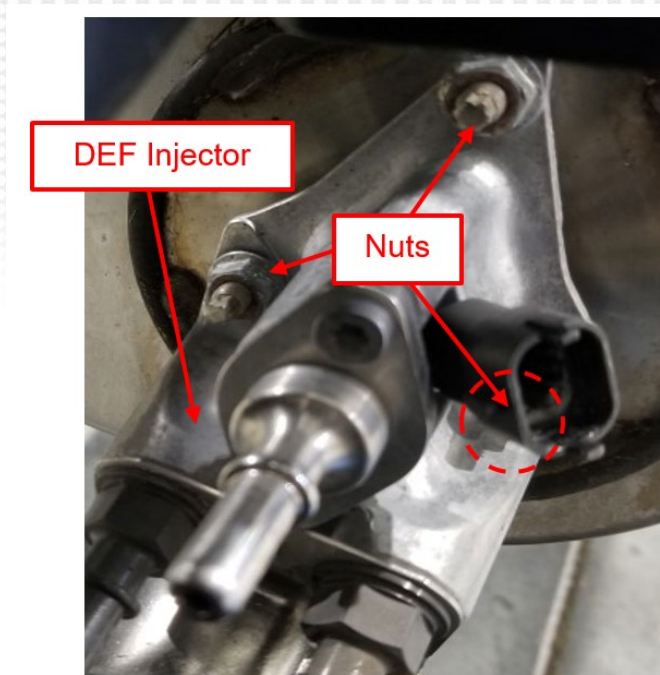
2. Place a bucket under the DEF injector to capture any loss of coolant. Remove the 2 coolant lines connected to the DEF injector.



3. Remove the DEF supply line to the DEF injector and disconnect the electrical connector.

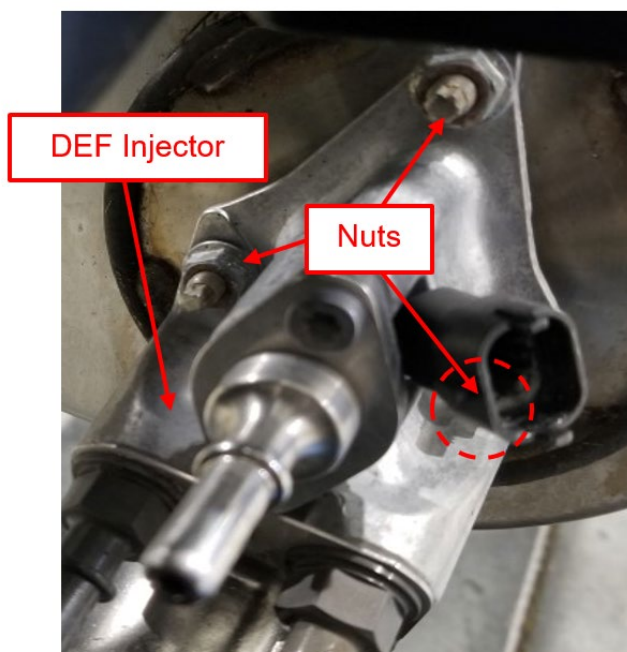


4. Remove the 3 nuts securing the DEF injector to the exhaust and retain for reinstallation. Remove and discard the DEF injector.

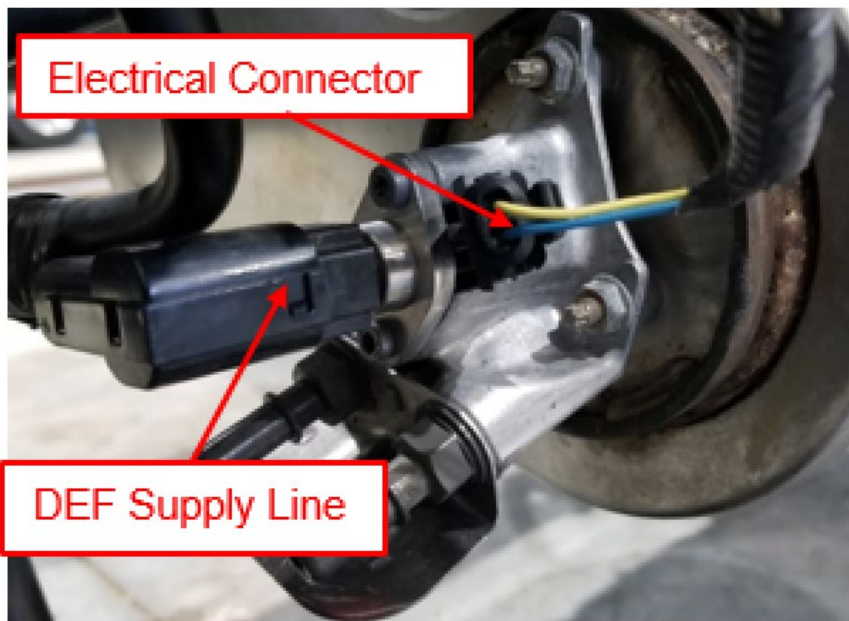


5. Install the new DEF injector using the 3 nuts removed in the previous step. Tighten the nuts to the specified torque.

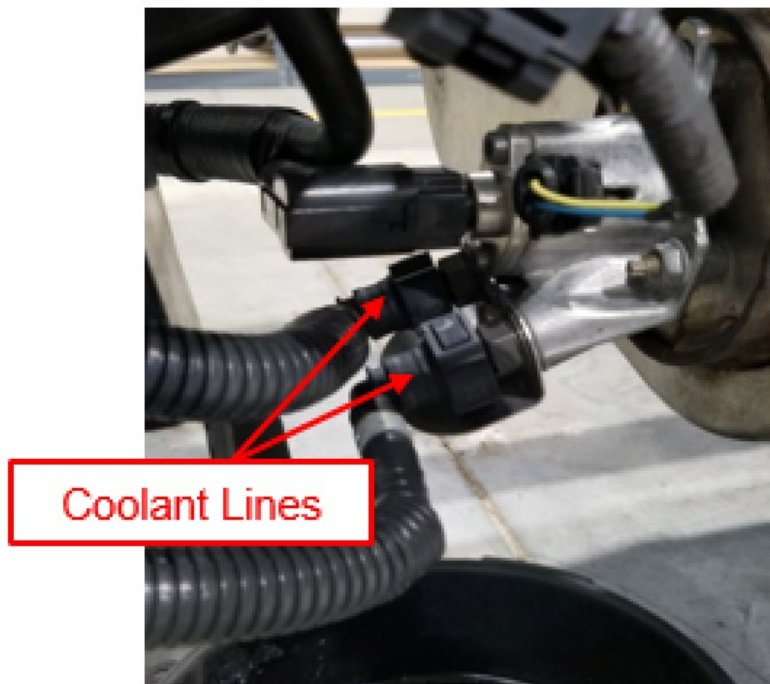
Specified Torque: 6 lb-ft (8 Nm)



6. Connect the DEF supply line to the DEF injector and connect the electrical connector.

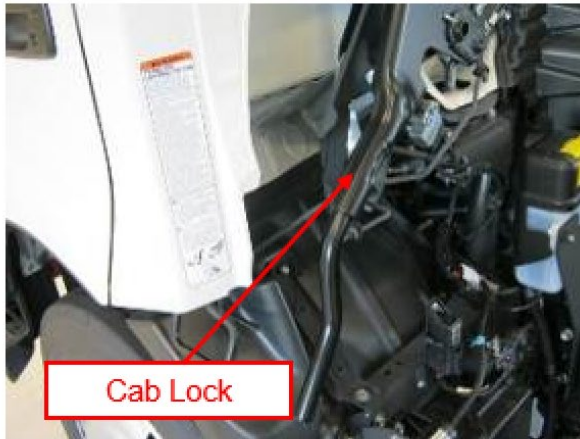


7. Connect the 2 coolant lines to the DEF injector.



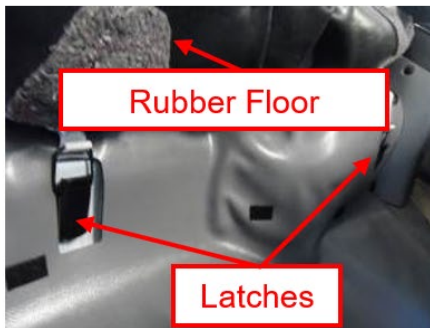
Single Cab Models

8A. Release the cab lock, and raise the cab. Proceed to Step 9.



Crew Cab Models

8B. Lower the seat back from the upright position. Pull up the rubber floor cover under the passenger seat. Then unfasten the latches that retain the passenger seat to the floor and fold the passenger seat back and center console forward. This will allow access to the engine from the right side. Proceed to Step 9.



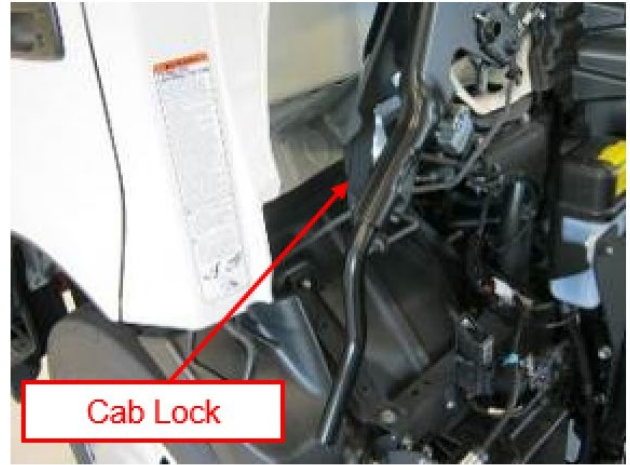
Both Single Cab and Crew Cab Models

9. Remove the radiator cap. Fill the vehicle's cooling system with approved Hino Genuine Coolant. Reinstall the radiator cap.



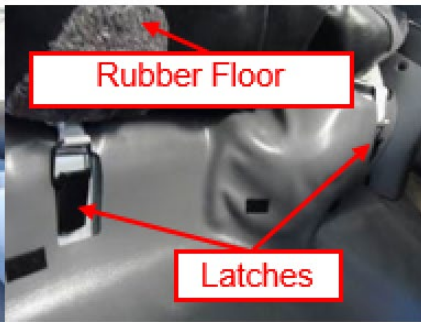
Single Cab Models

10A. Lower the cab and engage the cab lock.



Crew Cab Models

10B. Fold the passenger seat down. Fasten the latches that retain the passenger seat to the floor. Fold the rubber floor cover down. Return the seat back to the upright position.



FINAL INSPECTION:

To complete this emissions recall, review and confirm the following:

- The engine coolant level is full in the radiator and coolant reservoir
- DEF injector fasteners have been tightened to their specified torque
- With the engine running, no coolant, DEF, or exhaust leaks are present
- No warning lamps are illuminated with the engine running

CLAIM APPLICATION

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

DEF Injector Replacement:

- a) Campaign No: AAGK0
- b) Labor charge: 0.3 hr.
- c) Warranty code: 11528
- d) Trouble code: 98
- e) Operation code: 11507ARE
- f) Original failed part: 9999999999

