EMISSIONS RECALL

COE FUEL CUT VALVE REPLACEMENT

CAMPAIGN NO: AAJK0
DATE: 9-8-2020
REFERENCE: QA-200831-N1

SUBJECT VEHICLES: Certain 13MY COE (Cab Over Engine) 195 and 195h (Model code: XJC, XFC) trucks equipped with a J05 engine

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

OVERVIEW:

In certain conditions, the fuel pressure applied to the FCV (Fuel Cut Valve) during operation exceeds the valve opening force limit, this is because the design of the FCV may not have enough allowance for the pressure and timing of the fuel generated in the valve, causing the valve not to be opened temporarily, this occurs without MIL illumination.

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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 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
S2210E0035	Fuel Cut Valve	1
SZ43010011	Soft Washer	2

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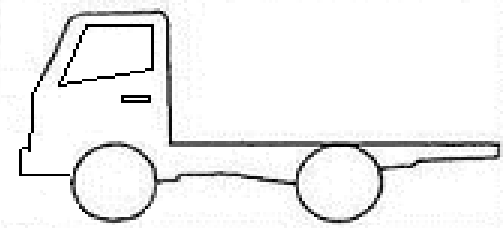
VEHICLE PREPARATION:

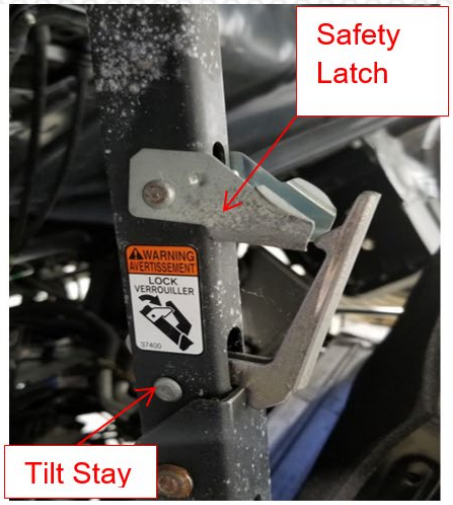
1. Park the vehicle on a flat, level and solid surface. Confirm the engine is stopped, the ignition switch is in the off (LOCK) position, and the key is removed.

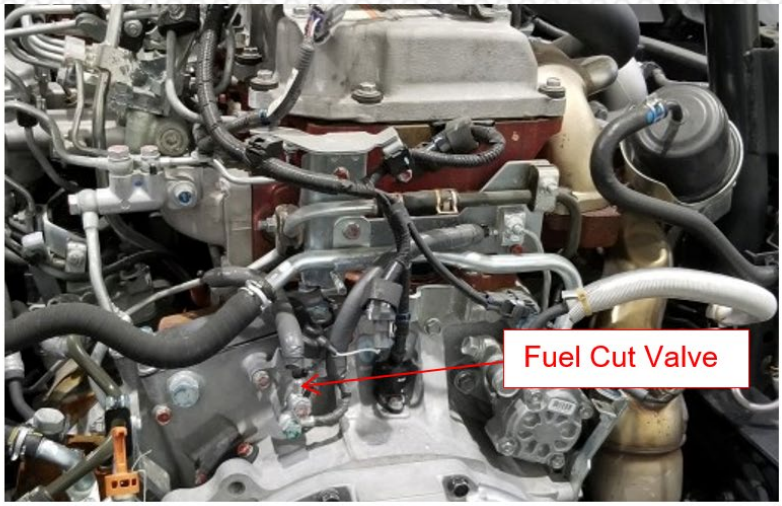


2. Apply the parking brake. Chock all of the wheels.

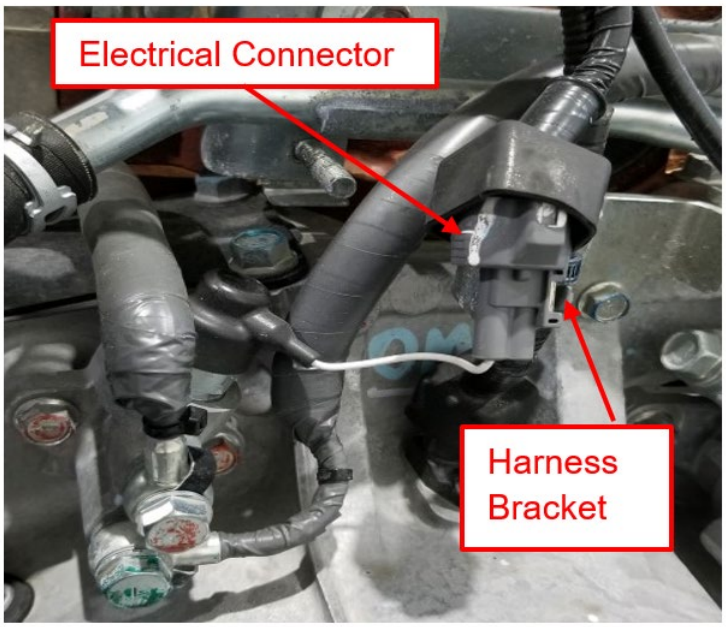
Repair Procedure

1. Lift the cab and engage the tilt stay safety latch. Locate the fuel cut valve on the rear of the engine, above the transmission.





2. Disconnect the electrical connector and remove the connector from the harness bracket.



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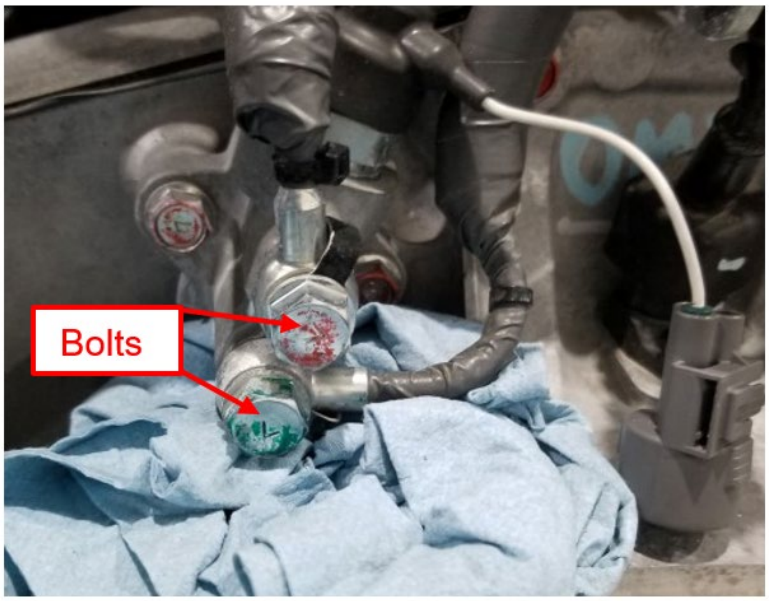
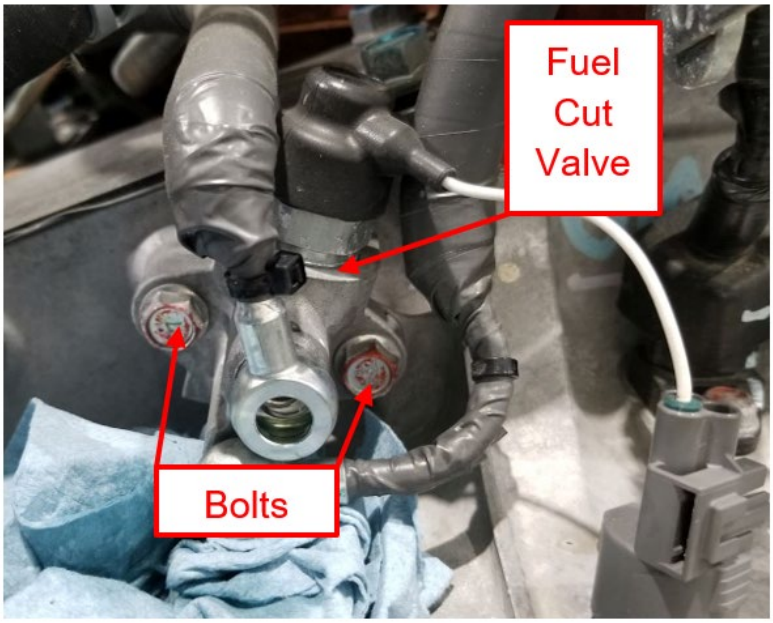
3. Place a rag or shop towel under the two fuel lines to capture spilled fuel. Remove the two banjo bolts from the fuel lines and retain for reinstallation. Discard the two soft washers on the fuel lines.



4. Remove the two bolts securing the fuel cut valve to the engine and retain for reinstallation. Discard the fuel cut valve.



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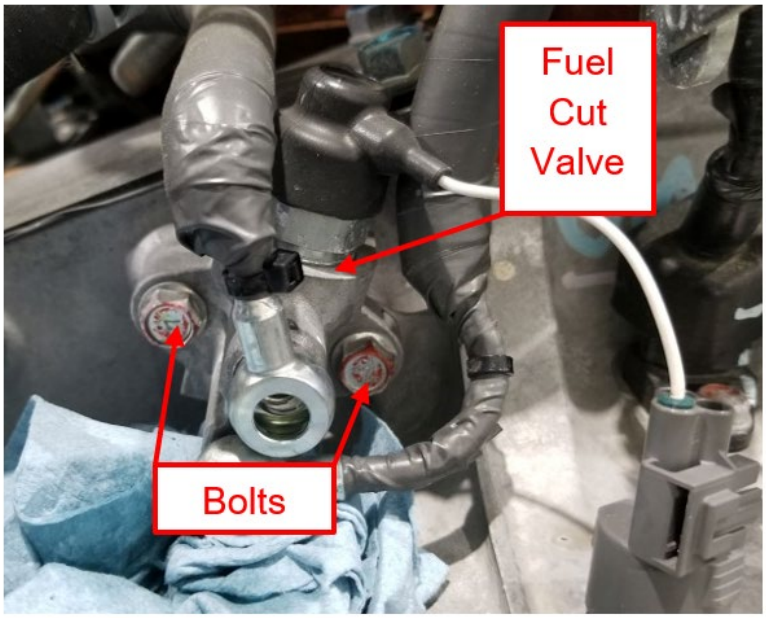
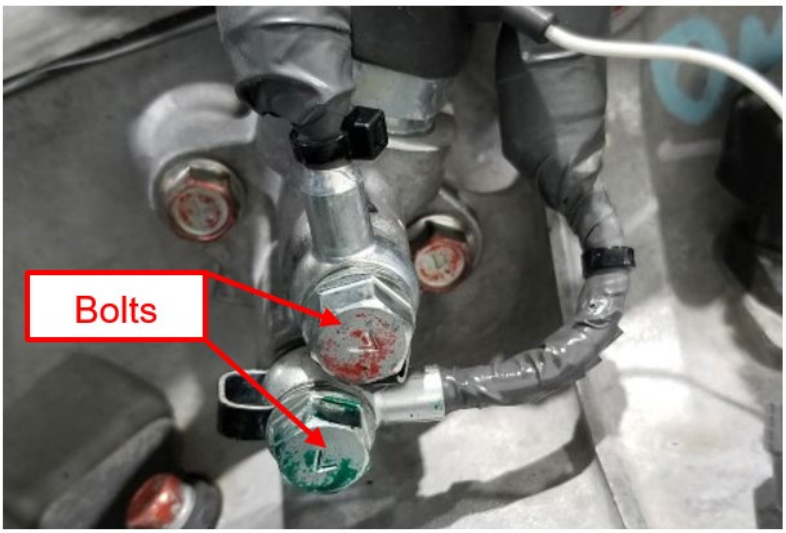
5. Install the new fuel cut valve using the two bolts removed in Step 4. Tighten the bolts to the specified torque.

Specified Torque: 21 lb-ft (28 Nm)



6. Place new soft washers on the two fuel lines. Install the two banjo bolts into the fuel lines and tighten to the specified torque.

Specified Torque: 14.5 lb-ft (20 Nm)



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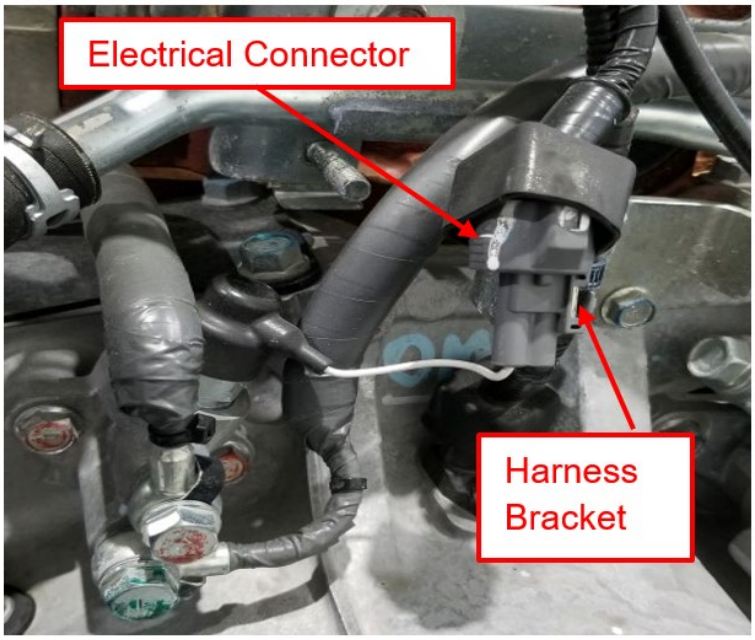
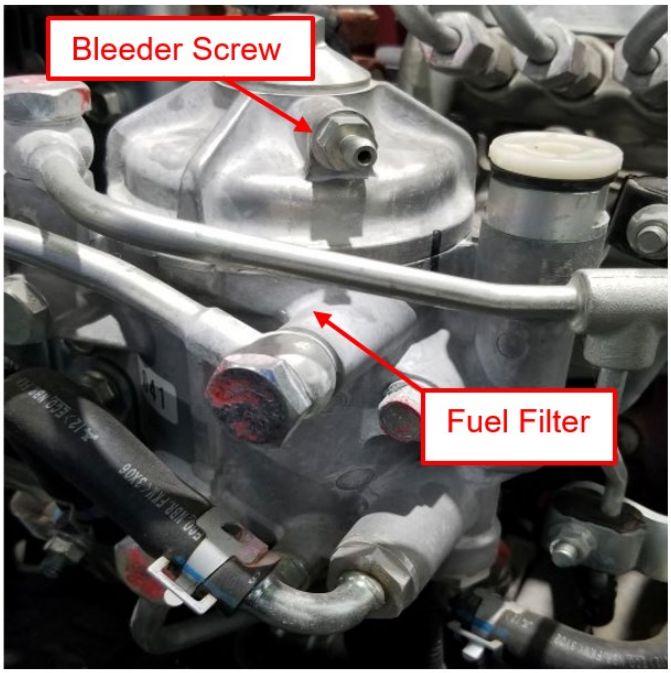
7. Clip the connector into the harness bracket. Connect the engine harness to the fuel cut valve connector.



8. Air MUST be purged from the fuel system after replacing the fuel cut valve. Locate the bleeder screw on the engine mounted fuel filter and loosen the bleeder screw several turns.



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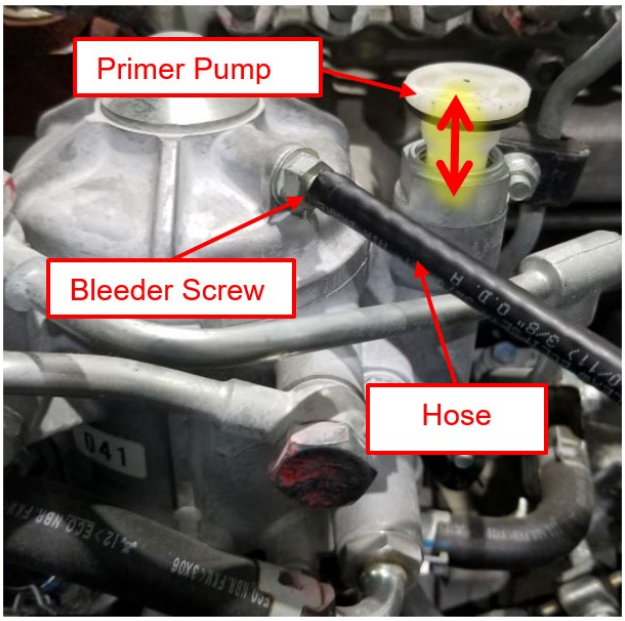
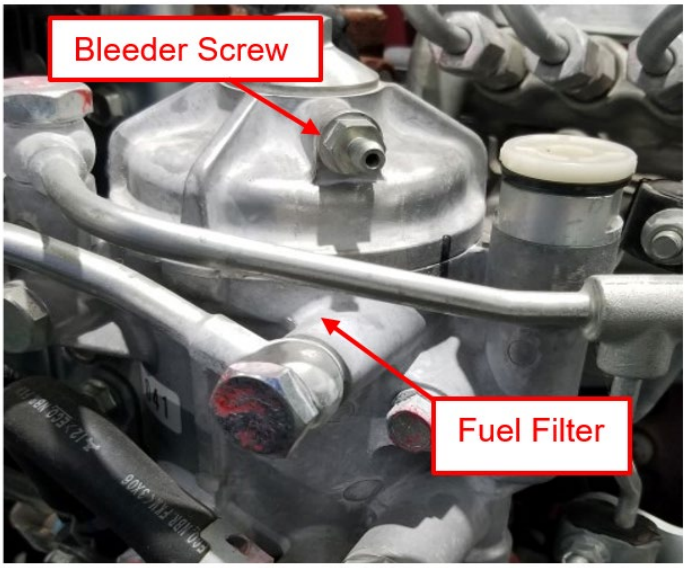
9. Connect a hose to the fuel bleeder screw and route it into a suitable container to capture fuel. Unlock the primer pump by rotating it counter-clockwise. Actuate the primer pump up and down until all air is purged from the fuel system. This may take several minutes. Once the fuel stream is free of air bubbles, lock the primer pump by pushing it down and rotating it clockwise. Disconnect the hose from the bleeder screw. Dispose of the waste fuel in accordance with local regulations.



10. Tighten the bleeder screw on the fuel filter to the specified torque.

Specified Torque: 5 lb-ft (7 Nm)



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11. Start the engine and make certain no fuel leaks are present from the bleeder screw or fuel cut valve connections. Shut the engine off. Repair any fuel leaks as needed. Start the engine a second time to ensure the cranking time is normal. If the cranking time seems excessive, repeat steps 8-10, above to purge air from the fuel system.

12. Lower the cab and engage the cab lock. Proceed to the Final Inspection procedure.

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FINAL INSPECTION:

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

- No fuel leaks are present from the fuel cut valve or fuel bleeder screw
- The engine starts easily without an extended crank time
- No warning lamps are illuminated
- All fasteners have been tightened to their specified torque

CLAIM APPLICATION

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

Fuel Cut Valve Replacement:

a) Campaign No: AAJK0
b) Labor charge: 0.4 hr.
c) Warranty code: 11553
d) Trouble code: 98
e) Operation code: 11550AOT
f) Original failed part: 9999999999

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