

SERVICE PROCEDURE

**18519
April, 2019**

SUBJECT: EMISSIONS RECALL

Navistar has decided that a defect which relates to engine emissions exists in certain International® HV™, HX®, LT®, and RH™ Series trucks built 12 December 2016 thru 10 October 2018 with 2017 or 2018 model year International® A26 engines.

DEFECT DESCRIPTION

This Emissions Recall applies to truck models that were built with 2017 or 2018 model year International® A26 engines. Under certain conditions, the Engine Control Module (ECM) calibration may not function properly and may result in a Diesel Particulate Filter (DPF) overload condition and an increase in regulated air pollutants. This recall will require recalibration of the engine ECM and replacement of the DPF if necessary.

MODELS INVOLVED

This Emissions Recall involves certain International® HV™, HX®, LT®, and RH™ Series trucks built 12 December 2016 thru 30 October 2018 with 2017 and 2018 model year International® A26 engines.

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with Safety Recall 18519. Also complete any other open campaigns listed on the Service Portal at this time.

PARTS INFORMATION

Part Number	Part Description	Quantity
VIN Lineset Specific	Diesel Particulate Filter and Gaskets	If Needed

SERVICE PROCEDURE

GOVERNMENT REGULATION: Engine fluid (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluid and other contaminated materials (such as filters and rags) in accordance with applicable State and Federal regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable State and Federal regulations.

WARNING! To prevent personal injury, and / or death, or damage to property, park the vehicle on hard flat surface, turn the engine off, set the parking brake, and attach chocks in front of and behind the wheels to prevent the vehicle from moving in either direction.

WARNING! To prevent personal injury, and / or death, or damage to property, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

WARNING! To prevent personal injury and / or death, or damage to property, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent personal injury, and /or death, or damage to property, allow engine / vehicle components to cool before servicing.

WARNING! To prevent personal injury, and / or death, or damage to property, keep flames, sparks, or other heat sources away from the vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel gases which may cause an explosion resulting in personal injury/death, or damage to property, avoid contact with any heat sources.

WARNING! To prevent personal injury, and / or death, or damage to property, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn vehicle ignition to Key OFF position.
4. Install wheel chocks.
5. Verify that Electronic Control Module (ECM) has most recent software. Refer to vehicle calibration scorecard in International® Service PortalSM.
 - a. If calibration is not current, engine must be reprogrammed to raise calibration to most recent level. Proceed to Step 6.
 - b. If calibration is current, engine does not need to be reprogrammed.
 - i. No further action is required for dealers and customers operating outside California. Proceed to Step 9.
 - ii. Dealers and customers operating in California proceed to Step 9 and perform Step 10.
6. Program ECM.

NOTE: All programming and troubleshooting information can be accessed from the articles listed in the table below, Dealer EZ-Tech®, or clicking the link below to access the Diagnostic Software Support Resource Center.

[Diagnostic Software Support Resource Center](#)

NOTE: These articles contain general information about each reprogramming method and software, including links to specific instructions.

Programming Method	Programming and troubleshooting Instructions
<i>NavKal™</i>	<i>TL2600002</i>

7. If assistance is needed, contact Vehicle Programming by creating an iKNOW case file or calling 1-800-336-4500, options 3, 1, 1.

NOTE: Clear all inactive / previously active faults after programming. Only perform diagnostics or procedures on ACTIVE faults.

8. If any inactive / previously active faults are found after programming, clear them from ECM. Only perform diagnostics and / or procedures on active faults.
 - a. If active fault code 3936-16 is present and DPF is cracked, replace DPF. Refer to appropriate Service / Technician Manual for detailed instructions.
 - b. If active fault code 3936-16 is NOT present, continue with Step 9.
9. Remove wheel chocks.

Additional Requirements for Dealers and Customers Operating in California

NOTE: Step 10 is required for Dealers and Customers operating in California.

10. After completing recall, dealer must fill out salmon-colored Proof of Correction certificate and provide a copy to customer.
 - a. Use either Figure 1 (certificate to color print on white paper) or Figure 2 (certificate to print on salmon-colored paper) to print DMV certificates.

Vehicle Emission Recall - Proof of Correction				
License Number	Make	Year Model	Body Type	Vehicle Identification Number □□□□□□□□□□□□□□□□□□□□
Manufacturer _____			Recall Number _____	
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.				
Dealer's _____		Address, City, State _____		
		Dealership's Authorized		
		X		
Return this certificate to DMV <u>only</u> when required - otherwise retain for your records.				

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Figure 1. DMV Certificate, Salmon (Print 8.5 x 11 inch White Paper)

Vehicle Emission Recall - Proof of Correction				
License Number	Make	Year Model	Body Type	Vehicle Identification Number □□□□□□□□□□□□□□□□□□□□
Manufacturer _____			Recall Number _____	
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.				
Dealer's _____		Address, City, State _____		
		Dealership's Authorized		
		X		
Return this certificate to DMV <u>only</u> when required - otherwise retain for your records.				

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Figure 2. DMV Certificate, White (Print 8.5 x 11 inch Salmon Paper)

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-18519-1	Reprogram ECM	0.5 hr
A40-18519-2	Replace DPF, If Necessary	1.8 hrs

CAMPAIGN IDENTIFICATION LABEL

Each vehicle corrected in accordance with this campaign must be marked with a CTS-1075 Campaign Identification Label.

Complete the label and attach on a clean surface next to the vehicle identification number (VIN) plate.



The image shows a black rectangular label with a white central area. The text on the label is as follows:

DO NOT REMOVE
INTERNATIONAL
Campaign No.
VIN
Eng.#
COMPLETED
Service Location Code #
DO NOT REMOVE

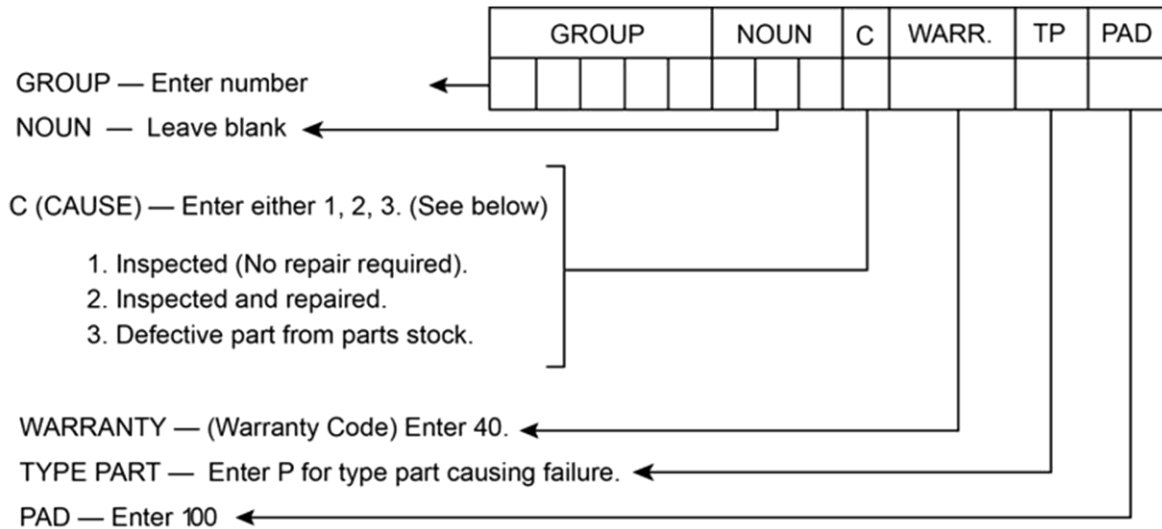
ADMINISTRATIVE / DEALER RESPONSIBILITIES

WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Safety Recall 18519.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the "Other Charges" tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.



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UNITED STATES AND POSSESSIONS

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle that is subject to a vehicle recall campaign must be adequately repaired within a reasonable time after the owner has tendered it for repair. A failure to adequately repair within 60 days after a tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within 60 days, the owner may be entitled to replacement with an identical or reasonable equivalent vehicle at no charge, or to a refund of the purchase price less a reasonable allowance for depreciation.

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your dealer location.

Dealers must make every effort to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible. However, consistent with the customer notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records, and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

CANADA

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your dealer location. Dealers must make every effort to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible. However, consistent with the customer notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records, and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

EXPORT

Export Distributors should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your distributor location.

Export Distributors are to submit warranty claims in the usual manner making reference to this recall number.

Export Distributors are expected to provide full cooperation and follow-up with respect to this important subject matter. If you have any questions or need further assistance, please contact the Regional Service Manager at your regional office.

NAVISTAR, INC.