

# ***SERVICE PROCEDURE***

19518R1  
JANUARY, 2020

**SUBJECT:** SAFETY RECALL  
Stationary PTO on certain International® HV™ and MV™ Series, DuraStar®, and WorkStar® models built 12 January 2017 thru 24 September 2019 with feature code 12VXT (Engine Speed Control; Electronic, Stationary, Variable Speed) or 12VXU (Engine Speed Control for PTO; Electronic, Stationary Preset, Two Speed Settings)

## **DEFECT DESCRIPTION**

On certain trucks equipped with an automatic transmission, if the automatic transmission is still in drive or reverse position and the stationary PTO switch is engaged, the engine rpm could ramp up and may overcome parking brake hold capability resulting in possible vehicle movement. Unexpected movement of the truck can increase the risk of a crash resulting in property damage or personal injury.

## **MODELS INVOLVED**

**NOTE: The parameter changes in this recall only affect parameters that are associated with increasing the engine speed when the vehicle is sitting still. The normal PTO operation of the vehicle will not be affected.**

This safety recall involves certain International® HV™, MV™ Series and DuraStar®, and WorkStar® models built 12 January 2017 thru 24 September 2019 with feature code 12VXT (Engine Speed Control; Electronic, Stationary, Variable Speed) or 12VXU (Engine Speed Control for PTO; Electronic, Stationary Preset, Two Speed Settings).

## **ELIGIBILITY**

This procedure applies ONLY to vehicles marked in the International® Service Portal<sup>SM</sup> with Safety Recall 19518. Also complete any other open campaigns listed on the Service Portal at this time.

## **REASON FOR REVISION**

Added note regarding affected parameter changes in Models Involved section.

## **PARTS INFORMATION**

<b>Part Number</b>	<b>Part Description</b>	<b>Quantity</b>
N/A	EZ-Tech®	1
N/A	Cummins INSITE™	1
N/A	Approved USB Communication Interface	1
PSC550CC	Battery Charger 55 Amp	1

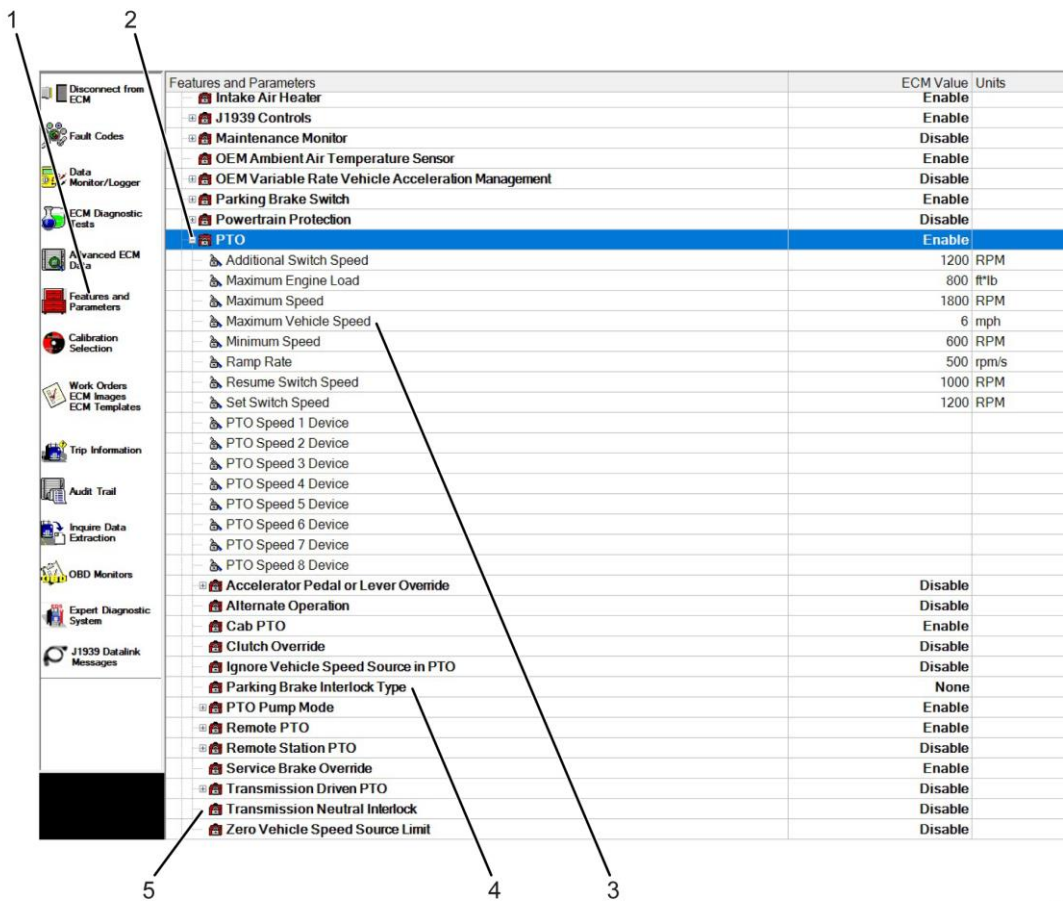
## **SERVICE PROCEDURE**

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

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

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

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. Connect battery charger / maintainer to vehicle battery.
6. Connect EZ-Tech® to vehicle with approved USB communication interface.
7. Turn vehicle ignition to Key ON, Engine OFF position.
8. Connect to Cummins INSITE™.



**Figure 1. PTO Parameters**

1. Features and Parameters button
2. PTO menu
3. Maximum Vehicle Speed value
4. Parking Brake Interlock Type value
5. Transmission Neutral Interlock value

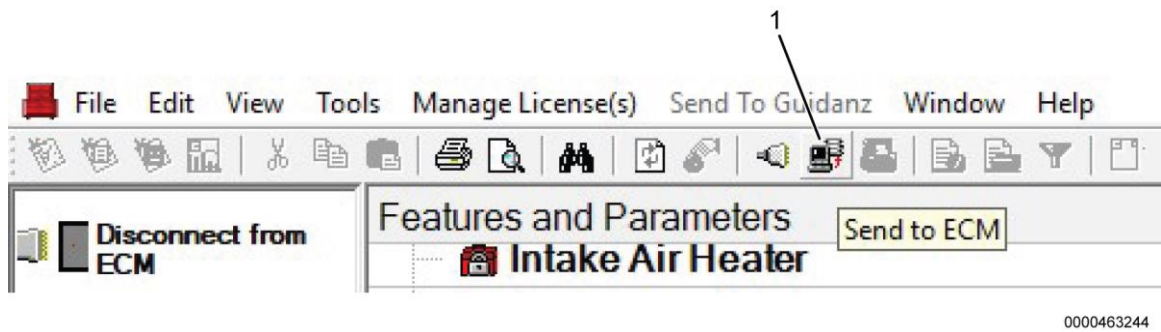
9. Select FEATURES AND PARAMETERS button (Figure 1, Item 1).

**NOTE: Set PTO to ENABLE before modifying parameters.**

10. Scroll to PTO menu (Figure 1, Item 2).

11. Set applicable PTO parameters:

- a. Maximum Vehicle Speed: 2 mph (3.2 km/h) (Figure 1, Item 3).
- b. Parking Brake Interlock Type: ALL (Figure 1, Item 4).
- c. Transmission Neutral Interlock: ENABLE (Figure 1, Item 5).



**Figure 2. Send to ECM**

1. Send to ECM button
  
12. Select SEND TO ECM button (Figure 2, Item 1).
13. After send is complete, turn ignition to Key OFF position. Wait 30 seconds before proceeding to next step.
14. Turn ignition to Key ON, Engine OFF position. Verify parameter settings have been saved correctly.
15. Disconnect EZ-Tech® from vehicle.
16. Turn ignition to Key OFF position.
17. Remove battery charger / maintainer from vehicle battery.
18. Remove wheel chocks.

## **END OF SERVICE PROCEDURE**

### **LABOR INFORMATION**

<b>Operation Number</b>	<b>Description</b>	<b>Time</b>
A40-19518-1	Reset Parameters	0.5 hr

## 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.



## 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 19518.

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.

	GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number ←

NOUN — Leave blank ←

C (CAUSE) — Enter either 1, 2, 3. (See below)

1. Inspected (No repair required).
2. Inspected and repaired.
3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40. ←

TYPE PART — Enter P for type part causing failure. ←

PAD — Enter 100 ←

0000047910

## **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.**