



## **SERVICE CAMPAIGN**

**S-SERIES ABS RECALIBRATION**

**CAMPAIGN NO: V2301**

**DATE: 2-7-2023**

**REFERENCE: CB23-H-001**

**SUBJECT VEHICLES:** Certain 2023 model year Hino S-Series Vehicles produced after 6/1/2022 with 200” or 212” Wheelbase Factory Modifications

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

## OVERVIEW:

When the subject vehicles were modified to extend the frame, the Anti-lock Brake System (ABS) module was not re-calibrated to account for the different inputs from the vehicle resulting from the stretched frame. Therefore, when driving in a curve, the Electronic Stability Control (ESC) system, working together with the ABS, may react prematurely or be delayed in reacting.

**Note: Federal law prohibits the sale of these units until recalibrating is completed.**

## REPAIR PROCEDURE:

1. Look up the VIN in the warranty system and confirm that campaign V2301 is applicable to your vehicle.

Campaign #	Campaign Type Description	Campaign Status	Campaign Description
V2301	RECALL/SAFETY	Outstanding	ABS RECALIBRATION

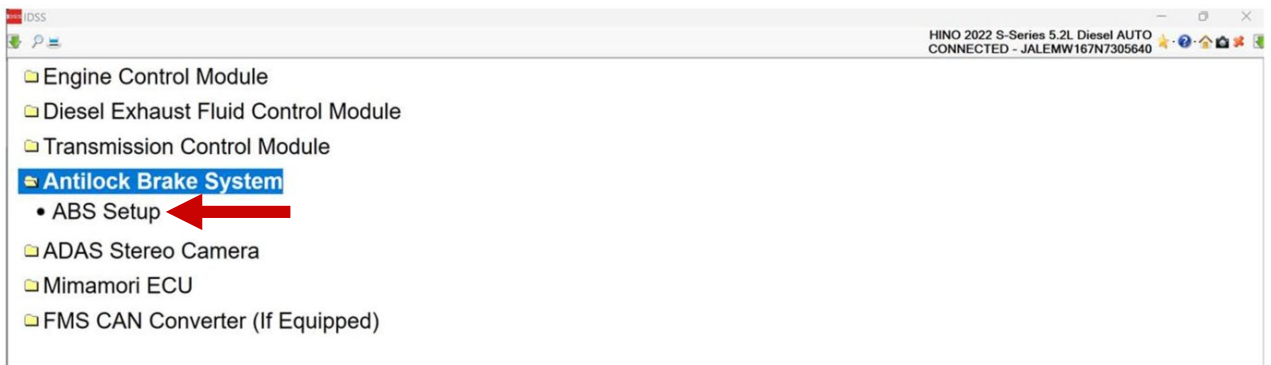
2. Shift vehicle to park, turn off engine, set parking brake, and block rear wheels.



3. Connect IDSS to the vehicle, click on the “Auto Detect” button and then select “Controller Programming” from the Table of Contents.



4. Select “ABS Setup” under Antilock Brake System and follow the prompts to reprogram the ABS ECU.



Note: The correct wheelbase can be found on the drivers door VIN label.



5. When prompted, select the correct wheelbase for the vehicle being programmed from the drop-down box. See Figure 1.  
Note: Either EM2 (200) or EL5 (212).

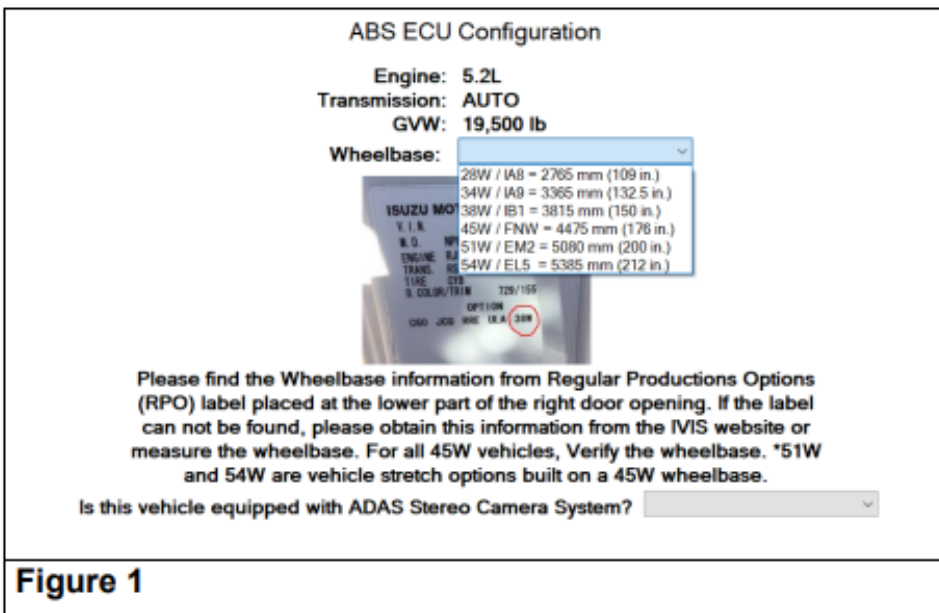



Figure 1

6. The S-Series models involved in this campaign are not equipped with ADAS, select NO. See Figure 2.

ABS ECU Configuration

Engine: 5.2L  
Transmission: AUTO  
GVW: 19,500 lb  
Wheelbase: 51W / EM2 = 5080 mm (200 in.)



Please find the Wheelbase information from Regular Productions Options (RPO) label placed at the lower part of the right door opening. If the label can not be found, please obtain this information from the IVIS website or measure the wheelbase. For all 45W vehicles, Verify the wheelbase. \*51W and 54W are vehicle stretch options built on a 45W wheelbase.

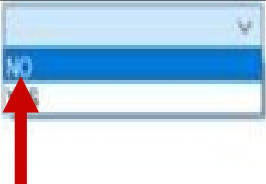
Is this vehicle equipped with ADAS Stereo Camera System?

NO  
YES

**Figure 2**

Is this vehicle equipped with ADAS Stereo Camera System?

NO  
YES



7. Follow the prompts from IDSS to complete the ABS ECU programming, the programming has been completed.

**DEALER RESPONSIBILITY:** Dealers are to service all vehicles subject to this campaign at no charge to customers, regardless of mileage, age of the vehicle, or ownership. Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer listing, are to be contacted by the dealer. Arrangements are to be made to perform the required correction according to the instructions contained in this bulletin. In summary, whenever a vehicle subject to this campaign enters or is in your vehicle inventory, or is in your dealership for service, you must take the steps necessary to ensure the recall remedy has been implemented before selling or releasing the vehicle.

**Important:** As required by Federal law, dealers are not to deliver any new vehicle in their inventory, which is covered by a Safety Recall, until the necessary remedy has been performed. Dealers are to confirm vehicle eligibility prior to beginning repairs by using the warranty system. Not all vehicles may be involved.



## FINAL INSPECTION

1. To complete this ABS recalibration procedure, review the campaign and confirm the following:
  - The ABS ECU module software has been updated to the latest level as outlined by this procedure.

## CLAIM APPLICATION

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

### Anti-Lock Brake System (ABS) Recalibration:

- a) Campaign No: V2301
- b) Labor charge: 0.4 hours

