

Authorized Field Change



AFC 16902

Date: August 2016

Subject File: Electrical

Subject: Snow Plow Light DRL

Model: Certain DuraStar®, WorkStar® vehicles built with feature: 0595KAM or 0595KAN (programming; snow plow lights) and 0595ALB or 0595AAG (programming; headlight with daytime running light)
Start Date: 03 September 2015 End Date: 16 June 2016

DESCRIPTION

The body controller may not be programmed with the necessary programming for the snow plow Daytime Running Lights (DRL) to operate as required when switching from the hood lights to the snow plow lights.

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with Authorized Field Change 16902. Also complete any other open campaigns listed on the Service Portal at this time.

PARTS INFORMATION

There are no parts for this campaign.

SERVICE PROCEDURE



WARNING: To prevent property damage, personal injury, and / or death, 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 both directions.



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



WARNING: To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries, which expel explosive gases.



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

NOTE: Diamond Logic® Builder (DLB) is required for this service procedure.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brakes.
3. Install wheel chocks.
4. Turn ignition to OFF position.
5. Verify DLB on Service Tool is Database Version 227. In DLB, select HELP, then ABOUT. Verify Database 227 is present:
 - A. If Database is correct, proceed to Step 8.
 - B. If Database requires update, proceed to Step 6.
6. Close DLB.
7. Connect Service Tool to network; open DLB:
 - A. Select HELP, then ABOUT.
 - B. Verify Database Version 227 is present.

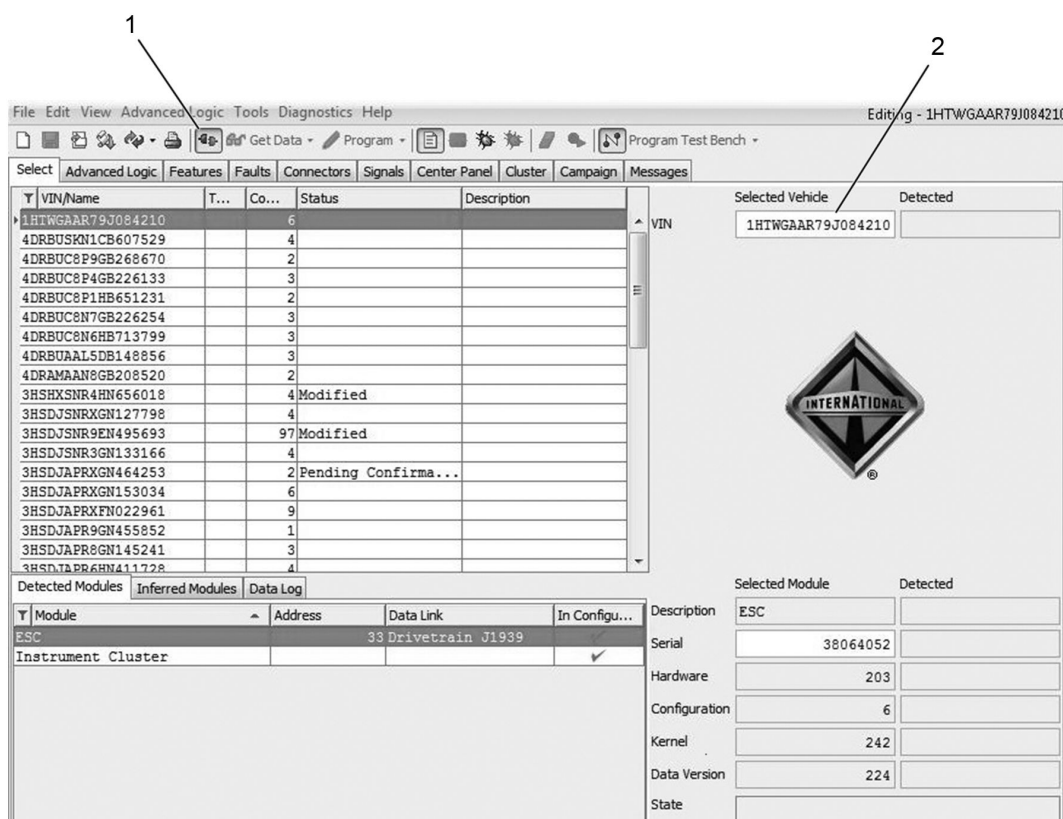
SERVICE PROCEDURE (CONT.)

NOTE: Ensure vehicle batteries are properly charged. If necessary, use a smart charger during programming.

8. Connect Service Tool to vehicle.

NOTE: It is necessary to keep the driver-side door open during this procedure. With the dome light illuminated, the Body Control Module (BCM) will remain activated.

9. Open driver-side door and leave open.



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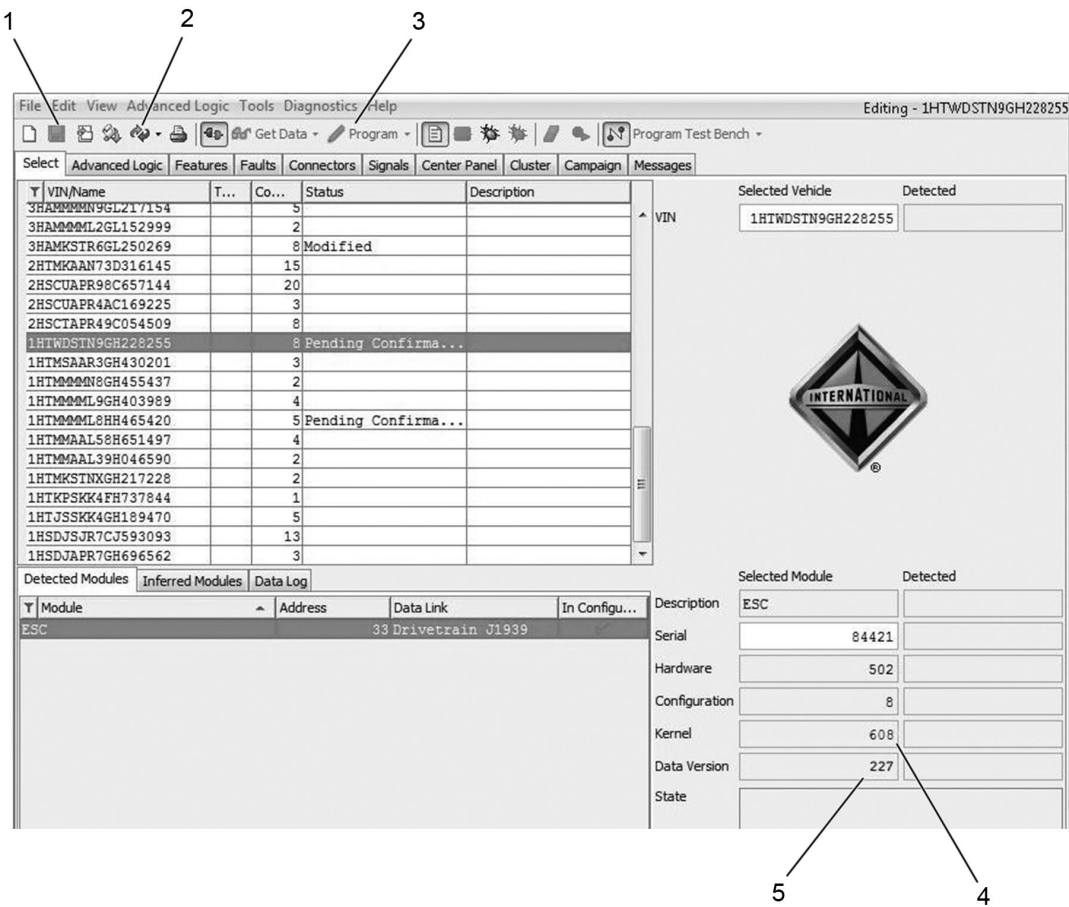
Figure 1. DLB Vehicle Connection

1. Connection icon
2. VIN

10. Open DLB:

- A. Ensure secure connection is established (Figure 1, Item 1).
- B. Ensure proper VIN is connected (Figure 1, Item 2).

SERVICE PROCEDURE (CONT.)



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Figure 2. DLB Kernel Update

1. Save icon / button
2. Update icon / button
3. Program icon / button
4. Kernel version
5. Data (software) version

11. Update kernel:

- A. Select / click UPDATE icon / button (Figure 2, Item 2).
- B. Select / click SAVE icon / button (Figure 2, Item 1).
- C. Verify kernel version is updated to 608 or higher (Figure 2, Item 4).
- D. Select / click PROGRAM icon / button (Figure 2, Item 3).

12. Cycle ignition key.

13. Search for any diagnostic codes. If present, clear all codes.

SERVICE PROCEDURE (CONT.)

14. Verify data version (Figure 2, Item 5) is 227.
15. Close DLB and disconnect service tool from vehicle.
16. Verify snow plow DRL operation.
17. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation number must appear on all claims.

Table 1. Labor Information

Operation No.	Description	Time
A40-16902-1	Recalibrate BCM	0.3 hr

ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number 16902.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

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.

To ensure this important improvement is made in a timely manner, all claims for 16902 activity must be submitted by 09 August 2017 or within the normal warranty period for the vehicle, if after 09 August 2017.

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 ←

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