

54–365 Disabling the ‘Park Brake Set / Door Open’ Warning and Changing the Part Number in the sSAM02T Module

TSB-54-365-FTL

Creation Date:2024-08-20

Engine or Vehicle Affected:

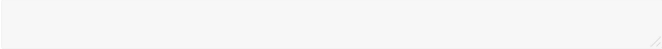
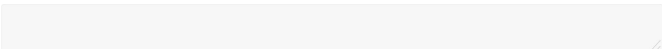
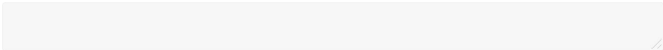
- ▶ Business Class M2 Plus
- ▶ 108SD Plus
- ▶ 114SD Plus

This is an informational bulletin only. The described condition is a product improvement and is not warrantable.

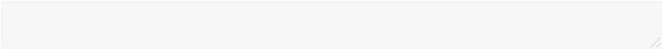
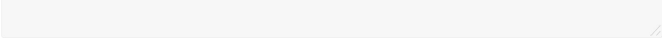
Described Condition

For vehicles that have the ‘Park Brake Set / Door Open’ warning activated and the customer prefers not to have it, a modification can be made in the ‘ASC_Horn_Warning’ parameter section of the SSAM02T module to disable it. This involves changing the ‘PASC_Alert_Hrn_Enabled’ parameter part number from ‘A0214432758-001’ to ‘A0214432858-001’ in DiagnosticLink®. Follow the procedure below to disable the warning and change the parameter part number.

Updating the SSAM02T Module Parameter Part Number and Disabling the ‘Park Brake Set / Door Open’ Warning

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.

2. Turn the keyswitch to the ON position.

3. Connect an RP1210B-compliant vehicle diagnostic adaptor to the diagnostic connector on the vehicle. Connect the other end of the adaptor to the laptop.


ⓘ Important: Make sure that DiagnosticLink is updated to the latest version (8.18 SP1 at the time of publication or newer), before programming the vehicle.

4. Open DiagnosticLink®.
To update DiagnosticLink, from the menu bar, select ‘Tools,’ then select ‘Update’ from the dropdown menu.

5. Use the DTNA Portal credentials to connect DiagnosticLink to the server.

6. Select ‘Gather server data’ and select the vehicle identification number (VIN). Then select ‘Download data from server.’ See Fig. 1.



A. Go to 'Program Device.'
 B. Shows connected unit.

C. Downloading data from server.

Fig. 1, Downloading Data from the Server

7. When the data download is complete, a green check mark will appear next to the VIN on the 'Gather server data' screen.

8. Go to the 'Parameters' tab, then select and expand the 'SSAM02T - Single SAM' folder.

9. Select and expand the 'ASC Horn Alert' sub-folder.

10. Select the 'PASC_Alert_Hrn_Enabled' parameter, and set the parameter value to 'A0214432858-001.' See Fig. 2. This disables the horn alert when the door is opened.

2022 Freightliner New Canada 126 Sleeper Cab 6 x 4 Truck-Tractor
 VIN: 3/ 95 Engine: DDEC20-DD15
 ESN: 47 39 Transmission: DT12-DT12 DC

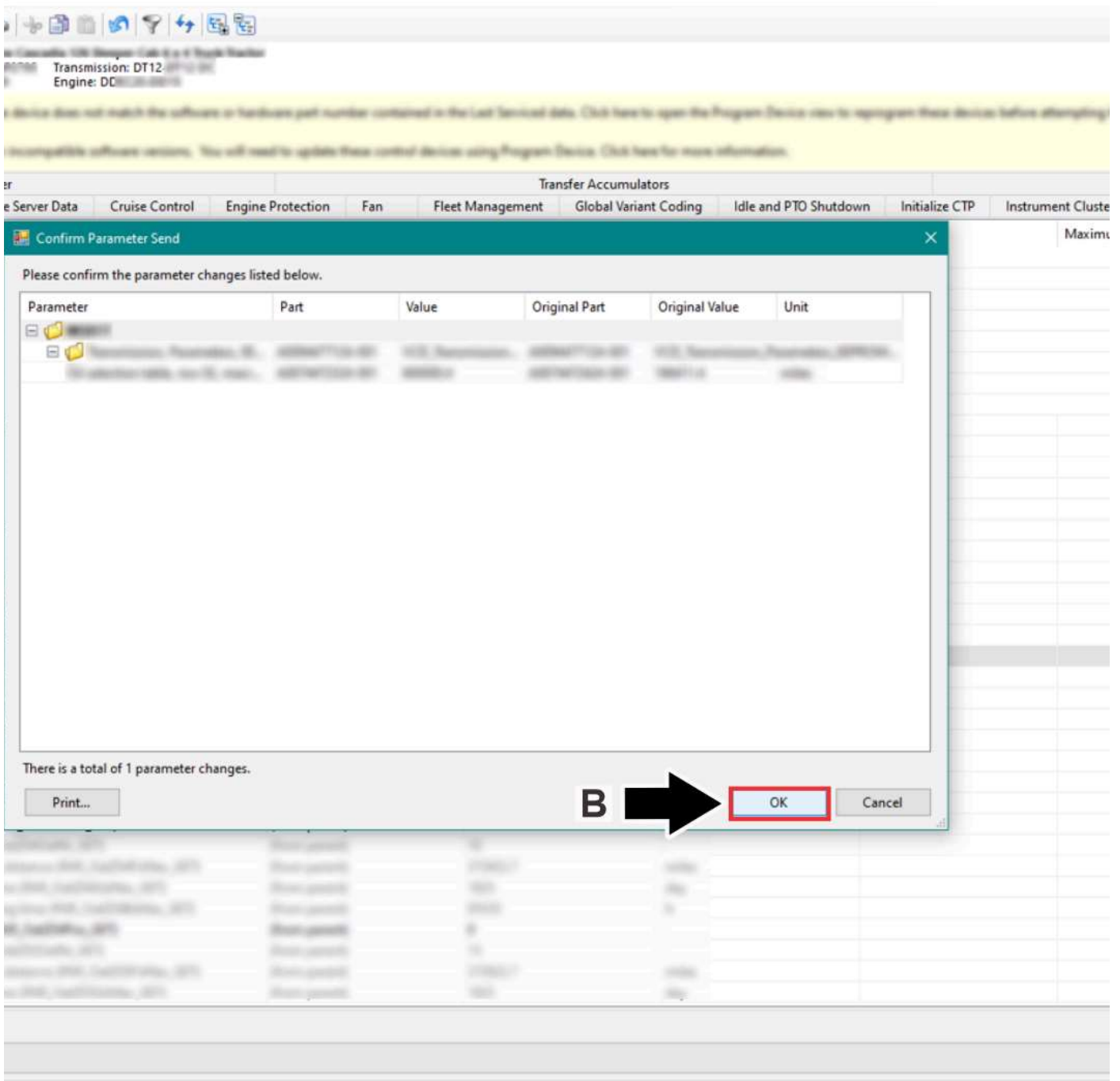
Parameter	Part	Value	Units	Minimum	Maximum
SSAM02T - Single SAM					
release	n/a				
ifferential Locks	n/a				
Front Axle					
on Dump	n/a				
sure Redundancy					
on Air	n/a				
on Air - Reserved	n/a				
nfig	n/a				
ir Pressure Sensing	n/a				
on Air	n/a				
on Air - Reserved	n/a				
Alarm	n/a				
Alarm Continued					
active	n/a				
Locking Acoustic Feedback	n/a				
rt	n/a				
m_Frequency	n/a		NoUnit	0.000	65.535
erved00_U16	n/a				
m_DutyCycle	n/a		%	0.0	100.0
rn_Enabled	n/a				
erved00_U8	n/a				
erved01_U8	n/a				
erved02_U8	n/a				
erved03_U8	n/a				
erved04_U8	n/a				

Annotations in the image:
 B: Points to the 'SSAM02T - Single SAM' folder.
 C: Points to the 'Locking Acoustic Feedback' sub-folder.
 D: Points to the 'rn_Enabled' parameter.
 E: Points to the dropdown menu for the 'rn_Enabled' parameter, which shows the selected value 'A0214432858-001 PASC_Alert_Hrn_Enabled = Disabled'.

- A. Go to the 'Parameters' tab.
 B. Select and expand the 'SSAM02T - Single SAM' folder.
 C. Select and expand the 'ASC Horn Alert' sub-folder.
 D. Select the 'PASC_Alert_Hrn_Enabled' parameter.
 E. Set the parameter value to 'A0214432858-001.'

Fig. 2, Updating the PASC_Alert_Hrn_Enabled Parameter Part Number

11. Select the 'Send' button to write the parameter changes to the SSAM02T ECU in the vehicle. A window opens asking to confirm the parameter change; select 'OK.' See 3.



A. Select the 'Select' button.

B. Select 'OK' to confirm the parameter changes.

Fig. 3, Writing the Parameter Changes to the Vehicle

12. Once the parameter change is complete, go to the 'Program Device' tab. Select 'Unit data management' in the upper-right corner. See Fig. 4.



unit

JUN15 26 - 47 31 - 2022 Western Star New 3700 Chassis
not been downloaded for this unit.

from server

A. Go to the Program Device tab. B. Select 'Unit data management.'

Fig. 4, Selecting Unit Data Management

13. The information corresponding to the VIN should appear under the 'Unit data for upload.' Select 'Connect to server' to upload the new parameters. See Fig. .

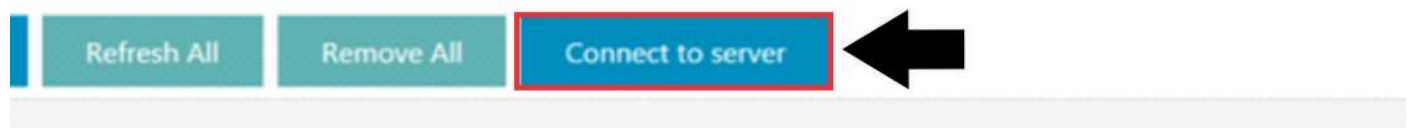
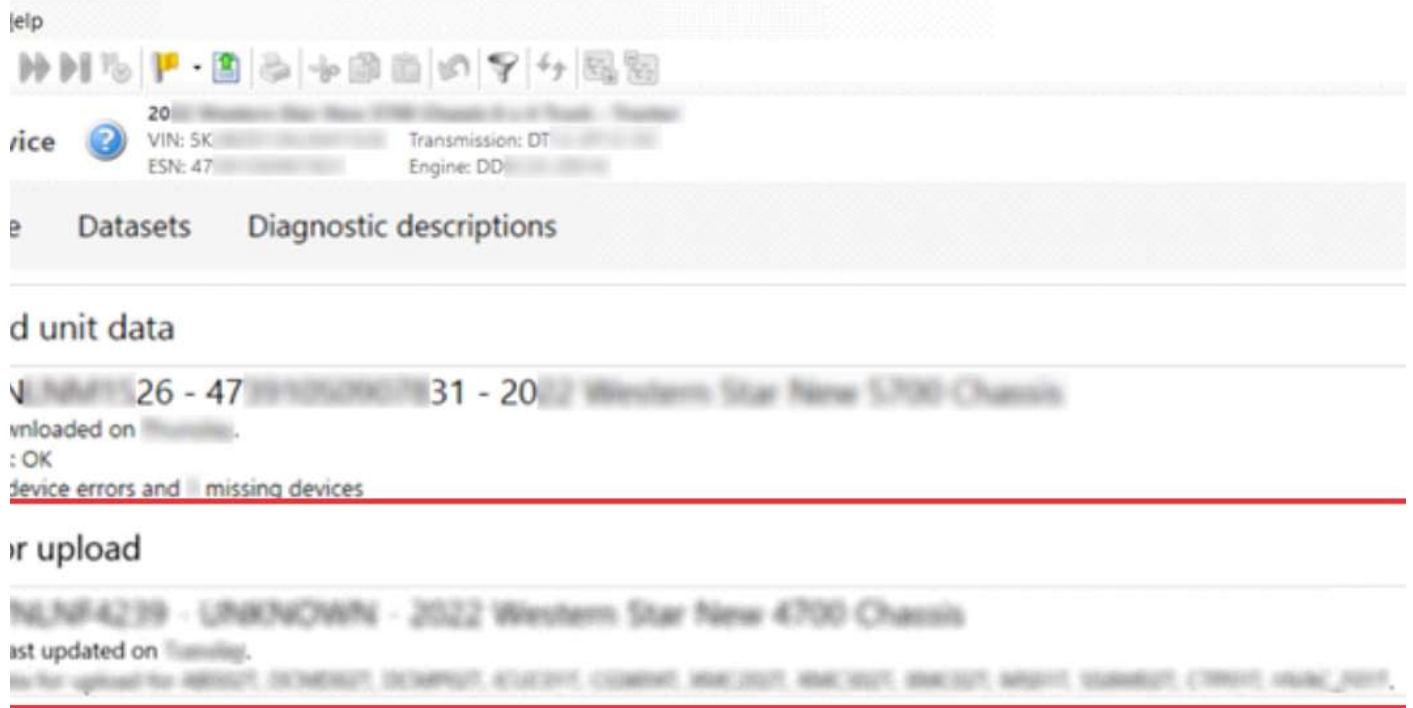


Fig. 5, Uploading the New Parameters

14. Once the parameter updates are uploaded to the server, disconnect the vehicle from DiagnosticLink.

15. Turn the ignition key to the OFF position.

Warranty

This is an informational bulletin only. The described condition is a product improvement and is not warrantable.

Note:

F15,F25,F07,F18
TROUBLESHOOT

Document Number:0000099409