

February 5, 2021
CAL FTL 54-015

Subject: Disabling the Park Brake Drag ICU Warning Message

Models Affected: Freightliner New Cascadia vehicles manufactured from April 1, 2016 to the present

Our records indicate you are the owner of certain vehicles, therefore DTNA has decided to share the following documentation with you.

Please see the attached communication in this email. We hope you find this information helpful.

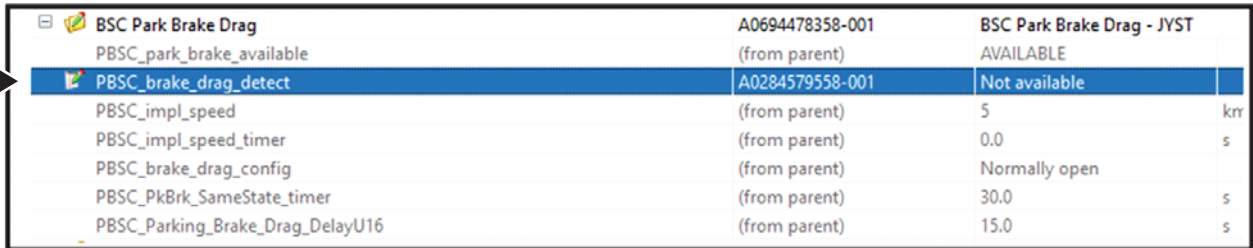
February 5, 2021
CAL FTL 54-015

Work Instructions

Subject: Disabling the Park Brake Drag ICU Warning Message

Models Affected: Freightliner New Cascadia vehicles manufactured from April 1, 2016 to the present

1. Park the vehicle on a level surface, shut down the engine, and apply the park brake. Chock the tires.
2. Connect the vehicle to DiagnosticLink.
3. Verify that the Single SAM ECU shows as connected under the 'Logged Connections' list at the bottom left-hand side of the window. Connected items will show as 'SSAM02T: Online.'
4. Select 'Program Device' and remove any pending downloads.
5. Open the 'Parameters' tab. DiagnosticLink will read the parameters of the vehicle's connected ECUs. Wait until the 'Reading parameters . . .' bar indicates this process is complete.
6. Select 'Program Device,' then select 'Connect to Server' to upload the vehicle parameters to the server.
7. After the upload is complete, select 'Add.'
8. Ensure that the correct vehicle identification number (VIN) is populated in the pop-up window, then select 'OK' and 'Connect to Server.'
9. Once the server download has completed, go to the 'Parameters' tab. Set the parameter for 'SSAM02T: 'PBSC_park_drag_detect' to 'Not available'. See [Fig. 1](#).



Parameter Name	Value	Unit
BSC Park Brake Drag	A0694478358-001	BSC Park Brake Drag - JYST
PBSC_park_brake_available	(from parent)	AVAILABLE
PBSC_brake_drag_detect	A0284579558-001	Not available
PBSC_impl_speed	(from parent)	5 krr
PBSC_impl_speed_timer	(from parent)	0.0 s
PBSC_brake_drag_config	(from parent)	Normally open
PBSC_PkBrk_SameState_timer	(from parent)	30.0 s
PBSC_Parking_Brake_Drag_DelayU16	(from parent)	15.0 s

03/05/2021 f120864

Fig. 1, Park Brake Drag Detect Parameter

10. Select the 'Send' button to write the parameter changes to the SSAM02T in the vehicle.
11. Once the parameter write is complete, select the 'Program Device' tab and verify there is a pending upload.

IMPORTANT: If there is no pending upload, go back to 'Parameters,' select 'Refresh,' and verify that the parameter for SSAM02T: 'PBSC_park_drag_detect' is correctly set to 'Not available,' per step 9. Go back to 'Program Device.' There should now be a pending upload.

12. Select 'Connect to Server' to upload the updates to the server.
13. Disconnect the vehicle from DiagnosticLink.