

DAIMLER

Daimler Trucks North America
Nasser Zamani
Senior Manager
Compliance and Regulatory Affairs

November 16, 2011

Dan Smith
Associate Administrator for Vehicle Safety
National Highway Traffic Safety Administration
1200 New Jersey Avenue S.E.
Washington D.C. 20590

**Re: Defect Information Report – Supplemental Report No. 1
11V-465, FL-612, Meritor WABCO Electronic Stability Control
System
Dealer Interim Notification**

Mr. Smith,

In accordance with Part 573 of Title 49 of the Code of Federal Regulations, Daimler Trucks North America LLC herewith submits supplemental defect information and copies of documents distributed to dealers. Owners of potentially affected vehicles will be notified by November 25, 2011.

(c)(3) Total number of vehicles potentially affected: 4,444.

(c) (8)(ii) Dealer and distributor notification: Began and ended November 16, 2011.

(c) (10) A copy of communications sent to dealers is attached.

Please contact me if you have any questions.

Sincerely yours,



Nasser Zamani

Cc: Amy Martin, CAL-OSHA^{*}
Attachment

A Daimler Company

Daimler Trucks North America LLC
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Portland OR 97217-7699
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November 2011
FL612
NHTSA #11V-465
Transport Canada #11-346
INTERIM RECALL BULLETIN

Subject: Meritor WABCO Electronic Stability Control Systems

Models Affected: Specific Freightliner Business Class M2, Cascadia, Century Class S/T, and Columbia vehicles and Sterling A-Line vehicles manufactured August 29, 2005, through September 29, 2011, with Meritor WABCO Electronic Stability Control (ESC).

General Information

Daimler Trucks North America LLC (DTNA), on behalf of its Freightliner Trucks Division, and its wholly owned subsidiary, Sterling Truck Corporation, has decided that a defect that relates to motor vehicle safety exists on the vehicles mentioned above. Until the final Recall remedy is available, this interim procedure may be performed upon request for any eligible vehicle.

Under certain road and driving conditions involving tight, successive, highly banked curves in opposite directions, the Meritor WABCO ESC may perceive an over steering situation and apply either front axle wheel brake until the vehicle is perceived to be stable. This unnecessary brake intervention may pull the vehicle out of the intended line of travel, requiring the driver to counter steer. If the driver is slow to react, the vehicle may deviate from the intended path, increasing the possibility of vehicle crash.

DTNA vehicles have experienced this condition only on California HWY 41 between Oakhurst and Fish Camp in S-curves banked at 6 to 10 degrees.

Customers who drive in the following conditions are being strongly advised to have the ESC temporarily disabled:

- Vehicle is driven on California HWY 41 between Oakhurst and Fish Camp
- Vehicle is driven on roads with S-curves banked at 6 to 10 degrees or more

For all other driving conditions, out of an abundance of caution, DTNA suggests that the ESC function be disabled until the final remedy is available.

IMPORTANT: The ESC may be disabled and a claim submitted for any eligible vehicle. A failure is NOT required for this interim procedure.

Work Instructions

Please refer to the attached work instructions. Before beginning work, confirm whether a vehicle is eligible for an interim Recall repair. Go to Warranty Support Center/Campaigns/Interim Recall Inquiry and enter the vehicle serial number and make or check the Coverage Information screen in OWL.

Replacement Parts

No parts are required for this interim procedure.

Removed Parts

Please follow Warranty Failed Parts Tracking shipping instructions for the disposition of all removed parts.

Labor Allowance

Table 1 - Labor Allowance

Campaign Number	Procedure	Time Allowed (hours)	SRT Code
FL612	Disable ESC software (INT FL612-01)	0.2	996-0859A
	Disable ESC software and disconnect ESC, Version 4.2 only (INT FL612-02)	0.6	996-0859B

Table 1

Recall Campaign

Daimler Trucks
North America LLC

November 2011
FL612
NHTSA #11V-465
Transport Canada #11-346
INTERIM RECALL BULLETIN

Claims for Credit

The ESC may be disabled and a claim submitted for any eligible vehicle. A failure is **NOT** required for this interim procedure. You will be reimbursed for your parts, labor, and handling by submitting your claim through the Warranty system within 30 days of completing an interim Recall repair. Please reference the following information in QuickClaim or in OWL, as appropriate for your location:

Claims in Legacy/QuickClaim

Claim Type	FTL Authorization Field	PFI	Damage Code
Warranty	PAI612	25-FL612-000	490-001021647

Table 2

- Claim type is **Warranty**.
- In the FTL Authorization field, enter **PAI612**.
- In the Primary Failed Part Number field, enter **25-FL612-000**.
- Enter nothing in the Parts field, no parts are required.
- In the Labor field, first enter the appropriate SRT from the Labor Allowance Table. For administrative time, enter SRT 939-0010A for 0.3 hours.
- If additional parts, labor, or other charges beyond what is outlined in this bulletin were needed, stop and submit a WSC Campaign Pre-Approval Inquiry before filing a claim.

Claims in OWL

Claim Type	Request Type	OWL Interim Campaign Number	PFP	VMRS Code
Recall	Payment	INT FL612-01 INT FL612-02	25-FL612-000	013-011-076

Table 3

- Claim type is **Recall** and Request type is **Payment**.
- In the Campaign field, enter **INT FL612-01** or **INT FL612-02**.
- Use the retrieve button to populate the claim. If needed, fill in any items not automatically included.
- If additional parts, labor, or other charges beyond what is outlined in this bulletin were needed, stop and submit as a Recall Pre-Approval Request.

IMPORTANT: Confirm whether a vehicle is eligible for an interim Recall repair before beginning work. Go to Warranty Support Center/Campaigns/Interim Recall Inquiry and enter the vehicle serial number and make or check the Coverage Information screen in OWL.

Contact the Warranty Campaigns Department from 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday, via Web inquiry at AccessFreightliner.com / Support / My Tickets and Submit an Inquiry, or the Customer Assistance Center at (800) 385-4357, after normal business hours, if you have any questions or need additional information.

The interim letter notifying vehicle owners is included for your reference.

November 2011
FL612
NHTSA #11V-465
Transport Canada #11-346
INTERIM RECALL BULLETIN

Copy of Interim Notice to Owners

Subject: Meritor WABCO Electronic Stability Control Systems

For the Notice to U.S. Customers: This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

For the Notice to Canadian Customers: This notice is sent to you in accordance with the Canadian Motor Vehicles Safety Act.

Daimler Trucks North America LLC (DTNA), on behalf of its Freightliner Trucks Division, and its wholly owned subsidiary, Sterling Truck Corporation, has decided that a defect which relates to motor vehicle safety exists on specific Freightliner Business Class M2, Cascadia, Century Class S/T, and Columbia vehicles and Sterling A-Line vehicles manufactured August 29, 2005, through September 29, 2011, with Meritor WABCO Electronic Stability Control (ESC).

Under certain road and driving conditions involving tight, successive, highly banked curves in opposite directions, the Meritor WABCO ESC may perceive an over steering situation and apply either front axle wheel brake until the vehicle is perceived to be stable. This unnecessary brake intervention may pull the vehicle out of the intended line of travel, requiring the driver to counter steer. If the driver is slow to react, the vehicle may deviate from the intended path, increasing the possibility of vehicle crash.

DTNA vehicles have experienced this condition only on California HWY 41 between Oakhurst and Fish Camp in S-curves banked at 6 to 10 degrees (Canadian notice only).

This is the first of two notices you will receive regarding this subject. This letter is to inform you of an upcoming Recall and provide important information regarding steps you may take in the interim. Daimler Trucks is currently developing a remedy and will notify you when it is available.

If you drive in the following conditions, DTNA strongly recommends that you have the ESC temporarily disabled:

- **If you drive on California HWY 41 between Oakhurst and Fish Camp**
- **If you drive on roads with S-curves banked at 6 to 10 degrees or more**

For all other driving conditions, out of an abundance of caution, DTNA suggests that the ESC function be disabled until the final remedy is available. Please contact a DTNA-authorized dealer to have this done at no charge to you.

When the final remedy is available you will receive a second notice. When you receive the second notice, please contact a DTNA-authorized dealer to schedule the final Recall repair.

If you do not own the vehicle that corresponds to the identification number(s), which appears on the Recall Notice, please return the notice in the postage-paid envelope with any information you can furnish that will assist us in locating the present owner. Also, under Federal law, any vehicle lessor receiving this Recall notice must forward a copy of this notice to the lessee within ten (10) days (U.S. notice only).

For the Notice to U.S. Customers: If you have questions about this Recall, please contact the Warranty Campaigns Department at (800) 547-0712, 7:00 a.m. to 4:00 p.m. Pacific Time Monday through Friday, e-mail address DTNA.Warranty.Campaigns@Daimler.com, or the Customer Assistance Center at (800) 385-4357 after normal business hours. You may wish to submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the Vehicle Safety Hotline at (888) 327-4236 (TTY: 800-424-9153); or to <http://www.safercar.gov>.

Recall Campaign

**Daimler Trucks
North America LLC**

**November 2011
FL612
NHTSA #11V-465
Transport Canada #11-346
INTERIM RECALL BULLETIN**

For the Notice to Canadian Customers: If you have questions about this Recall, please contact the Warranty Campaigns Department at (800) 547-0712, 7:00 a.m. to 4:00 p.m. Pacific Time Monday through Friday, e-mail address DTNA.Warranty.Campaigns@Daimler.com, or the Customer Assistance Center at (800) 385-4357 after normal business hours.

We regret any inconvenience this action may cause but feel certain you understand our interest in motor vehicle safety.

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

Work Instructions

Subject: Meritor WABCO Electronic Stability Control Systems

Models Affected: Specific Freightliner Business Class M2, Cascadia, Century Class S/T, and Columbia vehicles and Sterling A-Line vehicles manufactured August 29, 2005, through September 29, 2011, with Meritor WABCO Electronic Stability Control (ESC).

IMPORTANT: The ESC may be disabled and a claim submitted for any eligible vehicle. A failure is NOT required for this interim procedure.

Installing Toolbox version 10.1.4

Meritor Toolbox version 10.1.4 is required to disable the Meritor WABCO electronic stability control system. The software may be downloaded from AccessFreightliner.com and installed on the PC.

1. To check the Meritor Toolbox version on the PC, open Toolbox, then click "Help", then "About".
If the version is 10.1.4, the PC is properly configured, and no software installation is required. Go to Disable Electronic Stability Control.
If it is not 10.1.4, go to the next step.
2. Exit Toolbox and remove the existing version of Meritor Toolbox from the PC.
 - Windows XP: Use the Add/Remove Programs application from Control Panel.
 - Windows Vista or 7: Use the Programs and Features application from Control Panel.
3. Download version 10.1.4 of Toolbox from Access Freightliner.
 - 3.1 Log onto Access Freightliner.
 - 3.2 Click "Support" on the left hand sidebar.
 - 3.3 Click on "Download Center".
 - 3.4 On the Download Center page, click "Meritor Toolbox".
 - 3.5 On the next page click on "Download Toolbox 10.1.4".
 - 3.6 Save the file to the computer desktop.
 - 3.7 Unzip the file; allow it to remain in a folder on the desktop.
4. Install Meritor Toolbox version 10.1.4.
 - 4.1 Open the folder on the PC desktop.
 - 4.2 Double click "Setup.exe" and allow the software to install.
 - 4.3 Use the J1708 adapter setting when the adapter dialog box appears.
 - 4.4 If prompted, reboot the PC.
5. Go to Disable Electronic Stability Control.

Recall Campaign

Daimler Trucks
North America LLC

November 2011
FL612
NHTSA #11V-465
Transport Canada #11-346
INTERIM RECALL BULLETIN

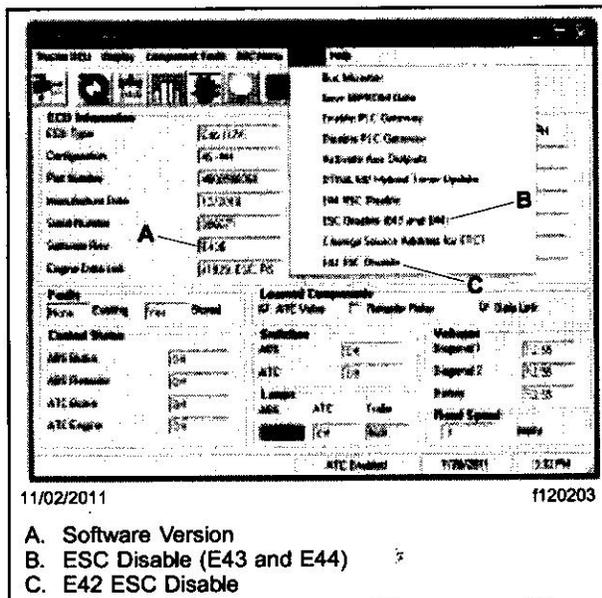
Disable Electronic Stability Control

NOTE: INT FL612-01 includes vehicles that need the ESC disabled and INT FL612-02 includes vehicles that need the ESC disabled *and* disconnected.

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Turn the ignition to ON without starting the engine.
3. Using Meritor Toolbox, determine which version of ESC software is installed on the vehicle.
 - 3.1 Open Toolbox.
 - 3.2 Select "Tractor ABS Diagnostics" by clicking on the image of a blue truck.

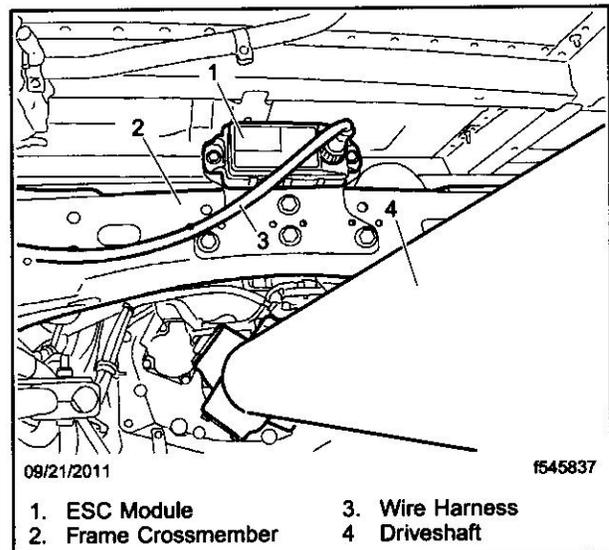
The software version is displayed in a box in the "ECU Information" section, and is labeled "Software Rev." See Fig. 1.
 - 3.3 Write down the first three or four characters of the software rev. number (e.g., E43 or E404).
4. Using Meritor Toolbox, disable the ESC.
 - 4.1 Simultaneously press CTRL, ALT, SHIFT, and F12. A menu item titled "Utility" will appear.
 - 4.2 Click on "Utility"; a drop down menu will appear. See Fig. 1.
 - 4.3 If the software rev. is E43 or E44, select "ESC Disable (E43 and E44)."
 - 4.4 If the software rev. is E404, select "E42 ESC Disable."

A dialog box will appear indicating that ESC has been disabled.
5. Exit Toolbox and turn the ignition OFF for at least 5 seconds.
6. If the software rev. is E43 or E44, go to step 10 in these work instructions.
7. If the software rev. is E404, disconnect the wire harness connected to the ESC module, and tape the end to protect the connector. Coil the harness, and secure it to the frame. See Fig. 2.



- A. Software Version
B. ESC Disable (E43 and E44)
C. E42 ESC Disable

Fig. 1, Accessing ESC Disable in Meritor Toolbox



1. ESC Module
2. Frame Crossmember
3. Wire Harness
4. Driveshaft

Fig. 2, ESC Module Connection

November 2011
FL612
NHTSA #11V-465
Transport Canada #11-346
INTERIM RECALL BULLETIN

8. If the software rev. is E404, disconnect the steering angle sensor (SAS) harness. Follow the instructions below for the vehicle being serviced.
 - 8.1 On Cascadia and Columbia vehicles, tilt the steering column to its lowest position, then remove the upper steering column cover to access the SAS. See Fig. 3.
On Business Class M2 vehicles, remove the lower steering column cover to access the SAS. See Fig. 4.
On A-Line vehicles, the SAS is on the underside of the steering column just above the U-joint. See Fig. 5.
 - 8.2 Disconnect the 7-pin connector from the SAS. Secure it away from any moving parts.
 - 8.3 Install any steering column covers that were removed.
9. Check for fault codes. If any related fault codes are present, clear them.
10. Make a copy of the warning notice that identifies roll stability has been deactivated and place it on the driver side dashboard of the vehicle.

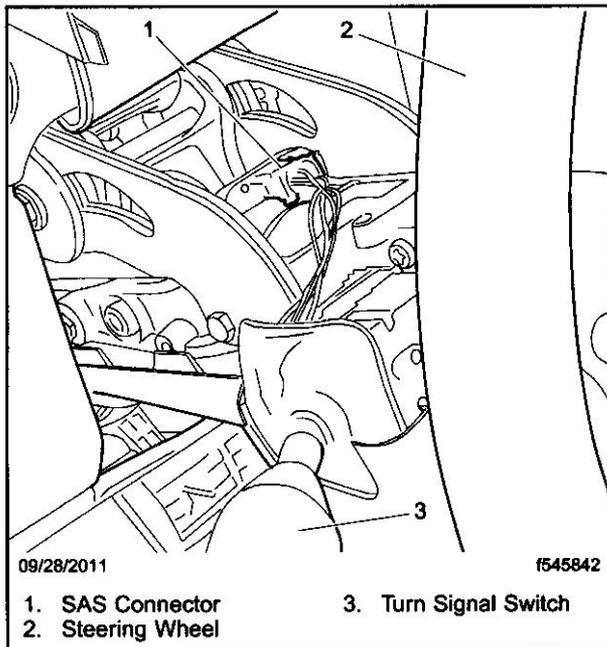


Fig. 3, SAS Connection (Cascadia and Columbia)

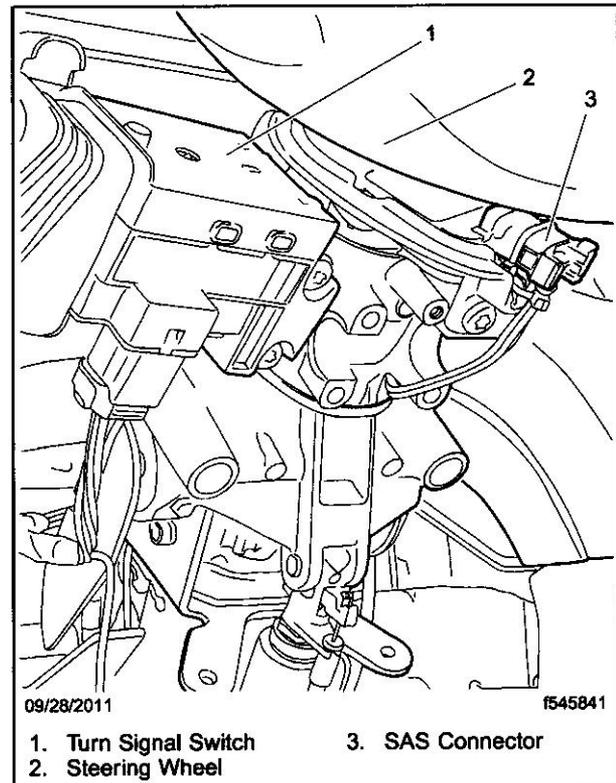


Fig. 4, SAS Connection (Business Class M2)

Recall Campaign

Daimler Trucks
North America LLC

November 2011
FL612
NHTSA #11V-465
Transport Canada #11-346
INTERIM RECALL BULLETIN

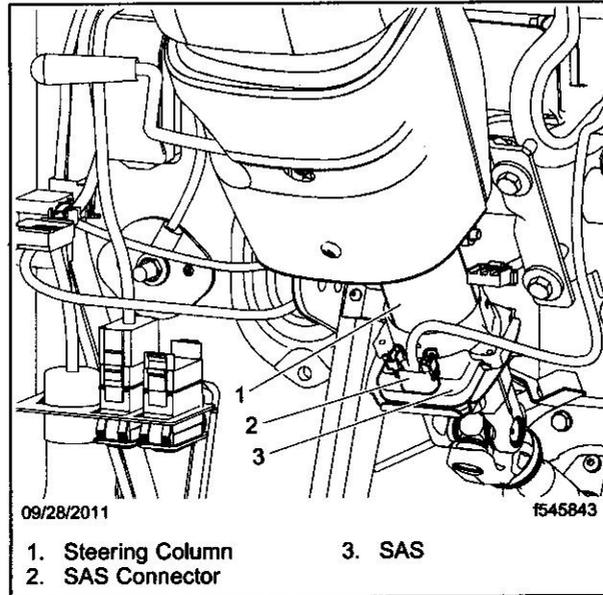


Fig. 5, SAS Connection (A-Line)