

Subject: Meritor WABCO Electronic Stability Control Systems

Models Affected: Specific Freightliner Business Class M2, Cascadia, Century Class S/T, Columbia, and Coronado vehicles and Sterling A-Line vehicles manufactured August 29, 2005, through February 23, 2012, with Meritor WABCO Electronic Stability Control (ESC).

General Information

Daimler Trucks North America LLC, 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.

There are approximately 7,000 vehicles involved in this campaign.

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.

The ESC module will be replaced on vehicles with anti-lock brake electronic control units (ABS ECUs) with software version E4.2 (E404) or higher and both the ESC module and ABS ECU will be replaced on a small number of vehicles with earlier software version E4.1 (E401). On certain new vehicles built with the updated ESC module, the ESC function will be enabled.

Additional Repairs

Dealers must complete all outstanding Recall and Field Service campaigns prior to the sale or delivery of a vehicle. A dealer will be liable for any progressive damage that results from its failure to complete campaigns before sale or delivery of a vehicle.

Owners may be liable for any progressive damage that results from failure to complete campaigns within a reasonable time after receiving notification.

Work Instructions

Please refer to the attached work instructions. Prior to performing the campaign, check the vehicle for a completion sticker (Form WAR260).

Replacement Parts

Replacement parts are now available and can be obtained by ordering the kit number(s) listed below from your facing Parts Distribution Center.

If our records show your dealership has ordered any vehicles involved in campaign number FL612A-F, a list of the customers and vehicle identification numbers will be available on AccessFreightliner.com. Please refer to this list when ordering parts for this recall.

IMPORTANT: Advance arrangements are required for FL612C, FL612D, and FL612E due to the small number of vehicles involved (116 out of 7,000). Place a stock order for kit 25-FL612-001, 25-FL612-002, or 25-FL612-003 with the vehicle serial number in the notes of the order only when your location will be repairing a vehicle requiring one of these kits. Schedule the vehicle to arrive after you have received the kit. Freight may not be claimed. (Kits for FL612A and FL612B may be stocked appropriately for your location.)

Recall Campaign

Daimler Trucks
North America LLC

March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346

Table 1 - Replacement Parts for FL612

NOTE: No kit is used for vehicles in FL612F.

Campaign Number	Kit Number	Part Description	Part Number	Qty.	Suggested Wholesale*
FL612AB	25-FL612-000	Meritor WABCO Kit FRK-11-10119	Kit Contains ESC Module WAB 400869 025 7	1 kit	\$109.10 U.S. \$111.28 CAN
FL612C	25-FL612-001	Meritor WABCO Kit FRK-11-10121	Kit Contains ESC Module WAB 400869 025 7 ABS ECU WAB 400866 229 0	1 kit	\$109.10 U.S. \$111.28 CAN
FL612D	25-FL612-002	Meritor WABCO Kit FRK-11-10122	Kit Contains ESC Module WAB 400869 025 7 ABS ECU WAB 400866 236 0	1 kit	\$109.10 U.S. \$111.28 CAN
FL612E	25-FL612-003	Meritor WABCO Kit FRK-11-10123	Kit Contains ESC Module WAB 400869 025 7 ABS ECU WAB 400866 237 0	1 kit	\$109.10 U.S. \$111.28 CAN

* Please charge all U.S. and Canadian Direct Warranty Customers the above-listed price for the kit, as they are authorized to perform their own Recalls. This pricing does not apply to Export Distributors.

Table 1

Removed Parts

U.S. and Canadian Dealers, please follow Warranty Failed Parts Tracking shipping instructions for the disposition of all removed parts. Export distributors, please destroy removed parts unless otherwise advised.

Labor Allowance

Table 2 - Labor Allowance

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL612AB	Replace ESC module	1.2	996-0859D	000-Modifiedx
FL612C-E	Replace ESC module and ABS ECU	1.4	996-0859E	000-Modifiedx
FL612F	Inspect, enable, and calibrate ESC function	0.8	996-0859F	000-Modifiedx

Table 2

IMPORTANT: When the Recall has been completed, locate the base completion label in the appropriate location on the vehicle, and attach the red completion sticker provided in the recall kit (Form WAR260). If the vehicle does not have a base completion label, clean a spot on the appropriate location of the vehicle and first attach the base completion label (Form WAR259). If a recall kit is not required or there is no completion sticker in the kit, write the recall number on a blank sticker and attach it to the base completion label.

Claims for Credit

You will be reimbursed for your parts, labor, and handling (landed cost for Export Distributors) by submitting your claim through the Warranty system within 30 days of completing this campaign. Please reference the following information in QuickClaim or OWL:

- Claim type is **Recall**.
- In the FTL Authorization field, enter the campaign number and appropriate condition code (e.g. **FL612A, FL612B, etc.**).
- In the Primary Failed Part Number field, enter **25-FL612-000**.

- In the Parts field, enter the appropriate kit number(s) as shown in the Replacement Parts Table.
- 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.
- For OWL, the VMRS Component Code is 013-011-076 and the Cause Code is A1 - Campaign.
- **U.S and Canada – Reimbursement for Prior Repairs.** When a customer asks about reimbursement, please do the following:
 - Accept the documentation of the previous repair.
 - Make a brief check of the customer's paperwork to see if the repair may be eligible for reimbursement. (See the "Copy of Owner Letter" section of this bulletin for reimbursement guidelines for this recall.)
 - Submit a Campaign Pre-Approval inquiry to the Warranty Campaigns Department for a decision and authorization number.
 - Include the approved amount on your claim in sublet/outside purchases.
 - In the claim story, first note the authorization number and that the claim includes a reimbursement request.
 - Retain the documentation and provide it to Warranty Campaigns or Claims Processing if requested.
 - When your claim is paid, reimburse the customer the appropriate amount.

IMPORTANT: ServicePro or OWL must be viewed prior to performing the recall to ensure the vehicle is involved and the campaign has not been previously completed. Also, check for a completion sticker prior to beginning work.

U.S. and Canadian dealers, 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](http://AccessFreightliner.com/Support/MyTickets) 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. Export distributors, submit a Web inquiry or contact your International Service Manager.

To return excess kit inventory related to this campaign, U.S. dealers must submit a Parts Authorization Return (PAR) to the Memphis PDC. Canadian dealers must submit a PAR to their facing PDC. All kits must be in resalable condition. PAR requests must include the original purchase invoice number. Export Distributors: Excess inventory is not returnable.

The letter notifying vehicle owners is included for your reference.

Please note that the National Traffic and Motor Vehicle Safety Act, as amended (Title 49, United States Code, Chapter 301), requires the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The Act states that failure to repair a vehicle within 60 days after tender for repair shall be prima facie evidence of an unreasonable time. However, circumstances of a particular situation may reduce the 60 day period. Failure to repair a vehicle within a reasonable time can result in either the obligation to (a) replace the vehicle with an identical or reasonably equivalent vehicle, without charge, or (b) refund the purchase price in full, less a reasonable allowance for depreciation. The Act further prohibits dealers from selling a vehicle unless all outstanding recalls are performed. Any lessor is required to send a copy of the recall notification to the lessee within 10 days. Any subsequent stage manufacturer is required to forward this notice to its distributors and retail outlets within five working days.

Recall Campaign

Daimler Trucks
North America LLC

March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346

Copy of Notice to Owners – FL612A, C, D, and E 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, 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, Columbia, and Coronado 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.

The ESC module will be replaced on vehicles with anti-lock brake electronic control units (ABS ECUs) with software version E4.2 (E404) or higher and both the ESC module and ABS ECU will be replaced on a small number of vehicles with earlier software version E4.1 (E401).

IMPORTANT: Advance arrangements are required to ensure parts are available at the dealership for your vehicle. Please contact an authorized Daimler Trucks North America dealer to arrange to have the Recall performed and to have parts ordered as needed. To locate an authorized dealer, search online at www.Daimler-TrucksNorthAmerica.com. The Recall will take approximately an hour and a half to two hours and will be performed at no charge to you.

You may be liable for any progressive damage that results from your failure to complete the Recall within a reasonable time after receiving notification.

If you do not own the vehicle that corresponds to the identification number(s) which appears on the Recall Notification, please return the notification to the Warranty Campaigns Department with any information you can furnish that will assist us in locating the present owner. If you have leased this vehicle, Federal law requires that you forward this notice to the lessee within 10 days. If you are a subsequent stage manufacturer, Federal law requires that you forward this notice to your distributors and retail outlets within five working days. If you have paid to have this recall condition corrected prior to this notice, you may be eligible to receive reimbursement. Please see the reverse side of this notice for details.

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. If you are not able to have the defect remedied without charge and within a reasonable time, 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>.

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.

**Daimler Trucks
North America LLC**

Recall Campaign

**March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346**

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

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

Recall Campaign

Daimler Trucks
North America LLC

March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346

Reimbursement to Customers for Repairs Performed Prior to Recall

If you have already paid to have this recall condition corrected you may be eligible to receive reimbursement.

Requests for reimbursement may include parts and labor. Reimbursement may be limited to the amount the repair would have cost if completed by an authorized Daimler Trucks North America LLC dealer. The following documentation must be presented to your dealer for consideration for reimbursement.

Please provide original or clear copies of all receipts, invoices, and repair orders that show:

- The name and address of the person who paid for the repair
- The Vehicle Identification Number (VIN) of the vehicle that was repaired
- What problem occurred, what repair was done, when the repair was done
- Who repaired the vehicle
- The total cost of the repair expense that is being claimed
- Proof of payment for the repair (such as the front and back of a cancelled check or a credit card receipt)

Reimbursement will be made by check from your Daimler Trucks North America LLC dealer.

Please speak with your Daimler Trucks North America LLC authorized dealer concerning this matter.

**Copy of Notice to Owners – FL612B and F
Subject: Meritor WABCO Electronic Stability Control Systems**

Daimler Trucks North America LLC, on behalf of its Freightliner Trucks Division and its wholly owned subsidiary, Sterling Truck Corporation, is initiating a campaign to update specific Freightliner Business Class M2, Cascadia, Century Class S/T, Columbia, and Coronado vehicles and Sterling A-Line vehicles manufactured July 15, 2011, through February 23, 2012, with Meritor WABCO Electronic Stability Control (ESC).

During the manufacturing period noted above, Meritor WABCO ESC modules with the electronic stability control function disabled were installed on certain vehicles in order to prevent the occurrence of a potential safety issue. This issue has now been corrected and programming for existing modules or new ESC modules are available.

As part of a related Recall, the ESC module will either be replaced or the ESC function will be enabled on the existing module as appropriate for each vehicle.

Please contact an authorized Daimler Trucks North America dealer to arrange to have the new module installed and ensure that parts are available at the dealership. To locate an authorized dealer, search online at www.Daimler-TrucksNorthAmerica.com. The procedure will take approximately an hour and a half and will be performed at no charge to you.

If you do not own the vehicle that corresponds to the identification number(s) which appears on the notice, please return it to the Warranty Campaigns Department with any information you can furnish that will assist us in locating the present owner.

Contact the Warranty Campaigns Department at (800) 547-0712, from 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, if you have any questions or need additional information.

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346

Work Instructions

Subject: Meritor WABCO Electronic Stability Control Systems

Models Affected: Specific Freightliner Business Class M2, Cascadia, Century Class S/T, Columbia, and Coronado vehicles and Sterling A-Line vehicles manufactured August 29, 2005, through February 23, 2012, with Meritor WABCO Electronic Stability Control (ESC).

IMPORTANT: Advance arrangements are required for FL612C, FL612D, and FL612E due to the small number of vehicles involved (116 out of 7,000). Place a stock order for kit 25-FL612-001, 25-FL612-002, or 25-FL612-003 with the vehicle serial number in the notes of the order only when your location will be repairing a vehicle requiring one of these kits. Schedule the vehicle to arrive after you have received the kit. Freight may not be claimed. (Kits for FL612A and FL612B may be stocked appropriately for your location.)

General Procedure

1. Check the base label (Form WAR259) for a completion sticker for FL612 (Form WAR260) indicating this work has been done. The base label is usually located on the passenger-side door about 12 inches (30 cm) below the door latch. If a sticker for FL612 is present, no work is needed. If no sticker is present, proceed with the next step.
2. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.

Installing TOOLBOX® Version 10.2.3 or Later.

NOTE: Meritor TOOLBOX® version 10.2.3 or later is required for calibration of the updated Meritor WABCO ESC 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 10.2.3 or later, the PC is properly configured, and no software installation is required. Continue with the next procedures in the order they are listed.
If it is not 10.2.3 or later, 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 10.2.3 of TOOLBOX® from AccessFreightliner.com.
 - 3.1 Log onto AccessFreightliner.com.
 - 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® 10.2.3".
 - 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 10.2.3.
 - 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. Continue with the next procedures as follows:
 - For vehicles in FL612A-E, continue with the next procedure on this page, "Connect the Steering Angle Sensor and Electronic Stability Control Module."
 - For vehicles in FL612F, go to the "Enable ESC" procedure on page 17.

Connect the Steering Angle Sensor and Electronic Stability Control Module

NOTE: The steering angle sensor (SAS) and ESC module may have been disconnected as part of the interim recall, follow the instructions below to determine if they were disconnected and to connect them if needed.

1. Connect the SAS module as follows.
 - 1.1 On Cascadia, Century S/T, Columbia and Coronado vehicles, tilt the steering column to its lowest position, then remove the upper steering column cover to access the SAS. See Fig. 1.
On Business Class M2 vehicles, remove the lower steering column cover to access the SAS. See Fig. 2.
On A-Line vehicles, the SAS is on the underside of the steering column just above the u-joint. See Fig. 3.
 - 1.2 Connect the 7-pin connector to the SAS.
 - 1.3 Install any steering column covers that were removed.
2. Connect the wiring harness connector to the old ESC module. Hand tighten only. See Fig. 4.

Save the Steering Ratios

IMPORTANT: Complete all of the procedures on this vehicle before using the PC on another vehicle or the saved information will be lost.

1. Connect the laptop or PC to the vehicle.
2. Turn the ignition to ON, but do not start the engine.
3. Launch the Meritor WABCO TOOLBOX® diagnostic software and click on the blue truck. See Fig. 5.
4. Using TOOLBOX®, check for ABS fault codes. If any ABS related fault codes are present, clear them.
5. Return from the fault menu and select the "ESC Menu". See Fig. 6.
6. Click on "ESC5 Update" to save the vehicle steering ratio calibrations. The message, "Updating ESC ECU Parameters", will display in the lower left corner of the main screen.
7. One of two messages will be returned.
 - 7.1 If "The ESC Steering Ratios have been saved. You may now exchange ESC unit" is returned, click OK and continue. See Fig. 7.
 - 7.2 If "The learned steering ratios are 0. Please calibrate ESC manually" is returned, an additional procedure for steering ratio learning will be performed later in these Work Instructions. No additional steps are needed at this point. Click OK and continue. See Fig. 8.

Recall Campaign

Daimler Trucks
North America LLC

March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346

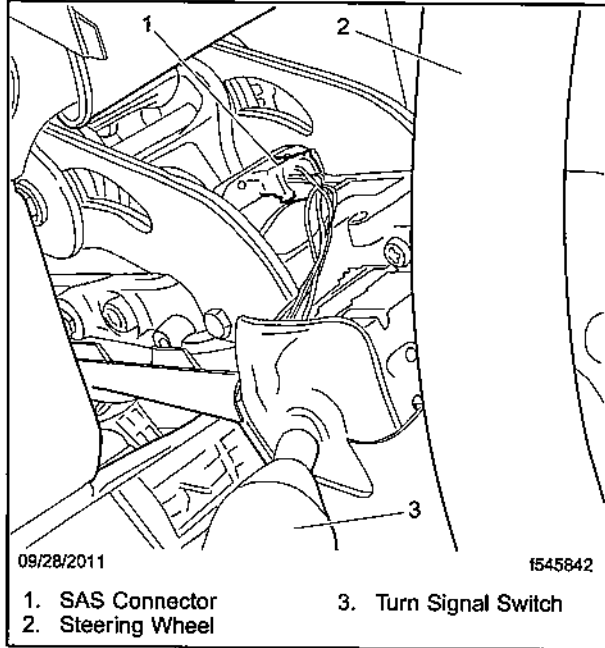


Fig. 1, SAS Connection (Cascadia, Century S/T, Columbia, and Coronado)

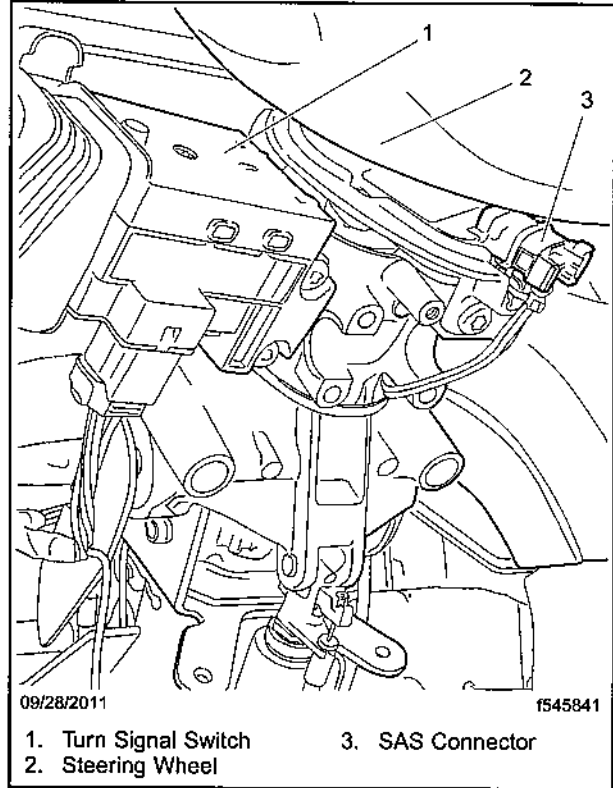


Fig. 2, SAS Connection (Business Class M2)

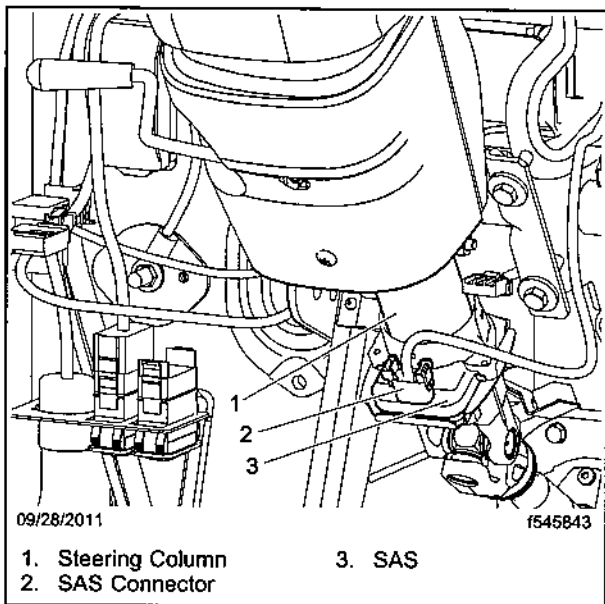


Fig. 3, SAS Connection (A-Line)

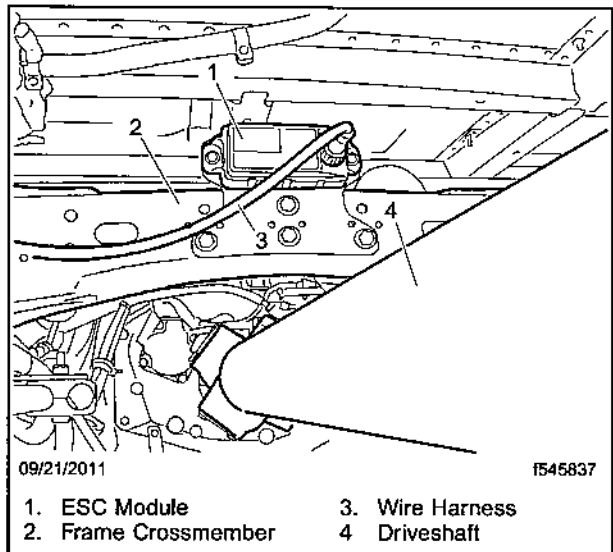


Fig. 4, ESC Module Connection

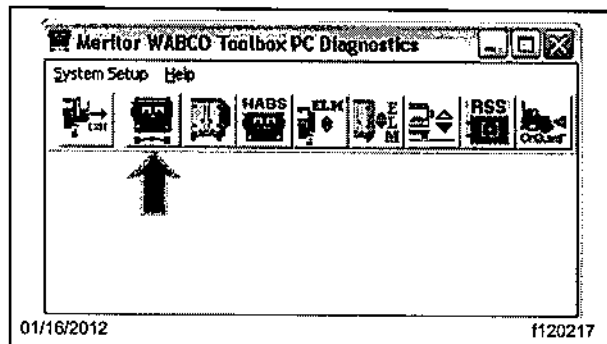


Fig. 5, Blue Truck Icon

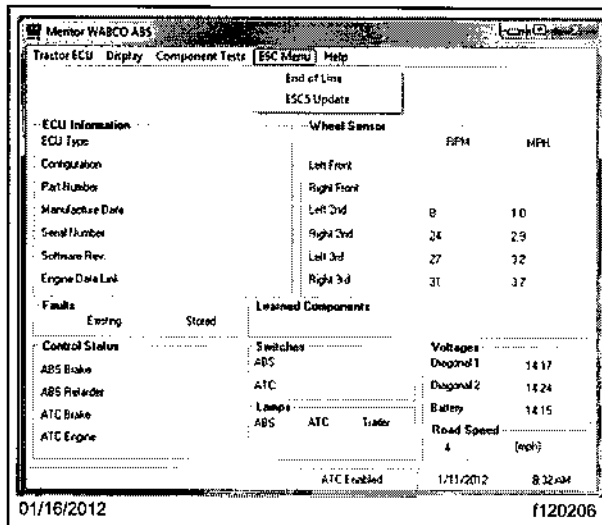


Fig. 6, ESC Menu

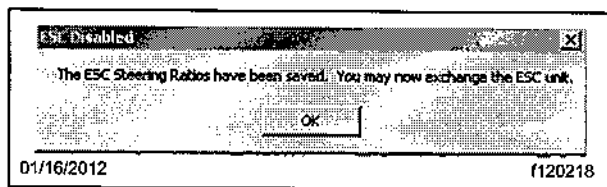


Fig. 7, ESC Steering Ratios Saved

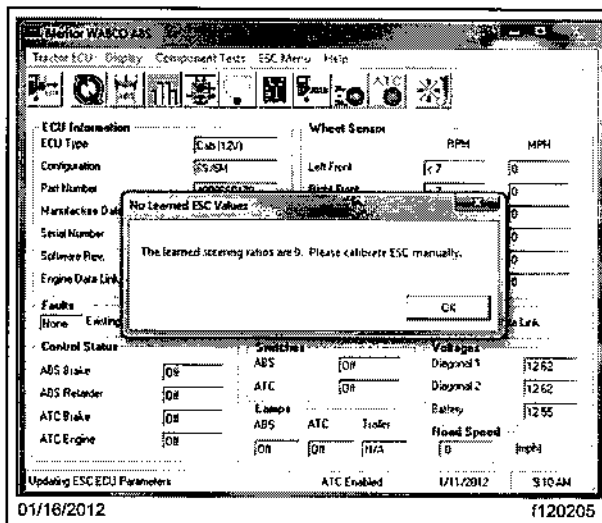


Fig. 8, No Learned ESC Values

Remove the ESC Module

1. Verify that the steering wheel is centered and the front wheels are positioned straight ahead.
2. Verify the ignition switch is in the OFF position.
3. Disconnect the wiring harness connector from the ESC module.
4. Remove the two mounting capscrews and nuts. Remove the ESC module. See Fig. 4.

Recall Campaign

Daimler Trucks
North America LLC

March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346

Install the New ESC Module

NOTE: It is important to align the module correctly and fit the tab on the ESC module mounting surface into the appropriate hole.

1. Install the new ESC module from the kit with two capscrews and nuts. Tighten the capscrews 7 to 8 lbf-ft (9 to 11 N·m).
2. Connect the wiring harness connector to the ESC module. Hand tighten only.

Replace the ABS ECU Module (Vehicles in FL612C, FL612D, and FL612E Only)

NOTE: For vehicles in FL612A and FL612B, skip this procedure and go to "Calibrate the Steering Angle Sensor."

NOTE: The ABS ECU is installed on the swing-out panel behind the driver's seat.

1. Loosen the retaining screws on the access cover. See Fig. 9 for location of the ABS ECU.

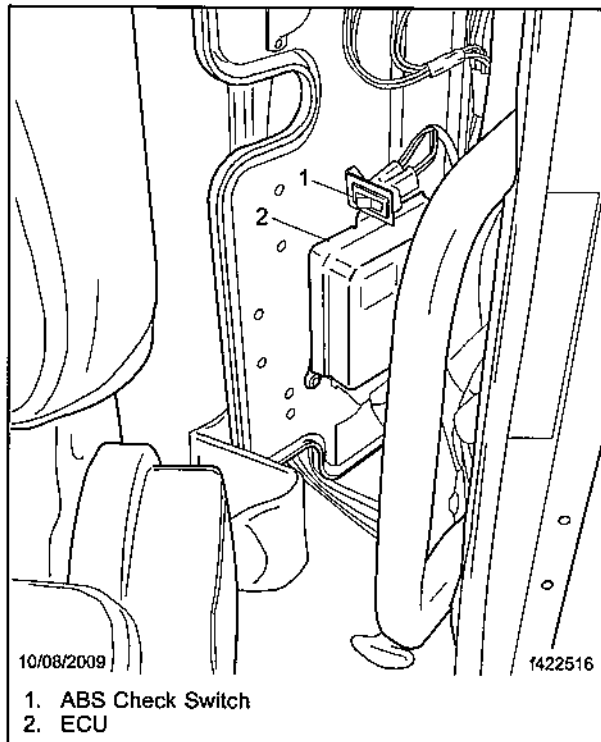


Fig. 9, ABS ECU

2. Disconnect the electrical harness connectors from the ABS ECU.
3. Remove the hexnuts that attach the ABS ECU to the mounting plate. Remove the ABS ECU.
4. Place the new ABS ECU from the kit into position on the mounting plate and secure in place with the hexnuts.
5. Install the harness connectors in the ABS ECU. Make sure they are firmly in place.
6. Close the access covers and tighten the retaining screws.

Calibrate the Steering Angle Sensor

NOTE: The front tires must be positioned straight ahead before performing the SAS calibration.

1. Turn the ignition to ON, but do not start the engine.
2. Launch the Meritor WABCO TOOLBOX[®] diagnostic software and click on the blue truck. See Fig. 5.
3. On the main ECU screen, on the top bar click "ESC Menu". See Fig. 6.
4. A drop down list will open. Select the "End of Line" option.
5. In the message box, click "SAS Calibration". See Fig. 10.

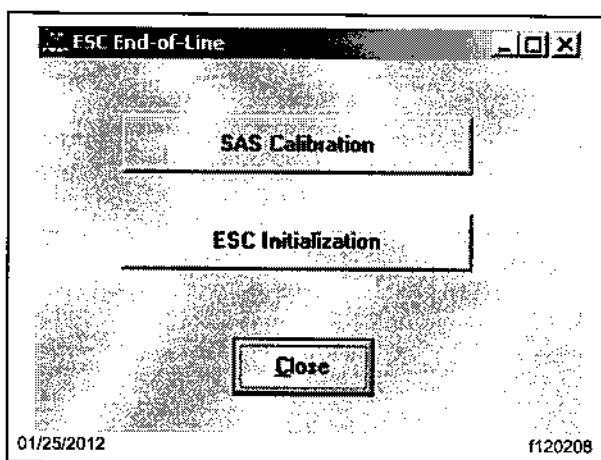


Fig. 10, SAS Calibration/ESC Initialization

6. Follow the instructions in the message box. See Fig. 11.
7. The message box will indicate when the SAS has been calibrated. Once the SAS is calibrated, click "Close" or press the space bar to continue. See Fig. 12

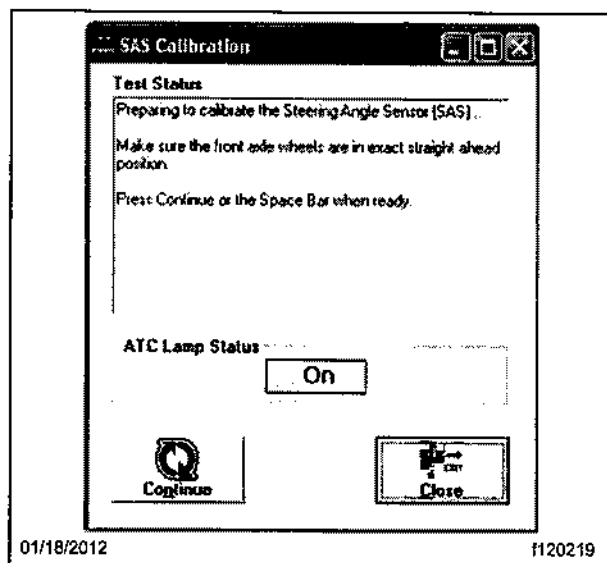


Fig. 11, SAS Calibration

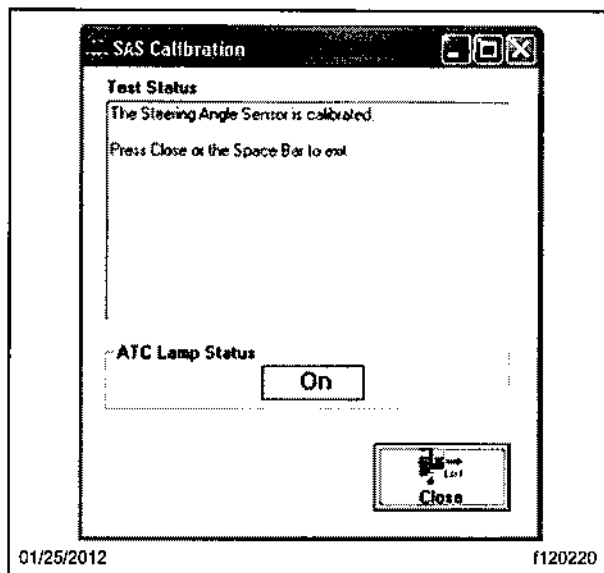


Fig. 12, SAS Calibrated

Recall Campaign

Daimler Trucks
North America LLC

March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346

Calibrate the ESC System – Straight Driving

NOTE: The straight driving can be done in segments and the ECU will accumulate the information until 800 feet (240 meters) is reached, but it must be done in the same ignition cycle.

1. Start the engine.
2. Begin with the vehicle at a complete stop. Click "ESC Menu" and select "End-Of-Line".
3. Click "ESC Initialization". See Fig. 10. The "End-of-Line Already Run" screen will appear. Click "Yes." See Fig. 13.
4. Once the message box displays as shown in Fig. 14, click continue or press the space bar when ready to drive.
5. Carefully follow the instructions from the message box.

The ATC stability light will start blinking when the vehicle reaches the minimum required speed of 15 mph (24 km/h).

After the vehicle has driven straight for about 880 feet (240 meters) at 15 mph (24 km/h), the ATC stability light will stop blinking and stay on solid.

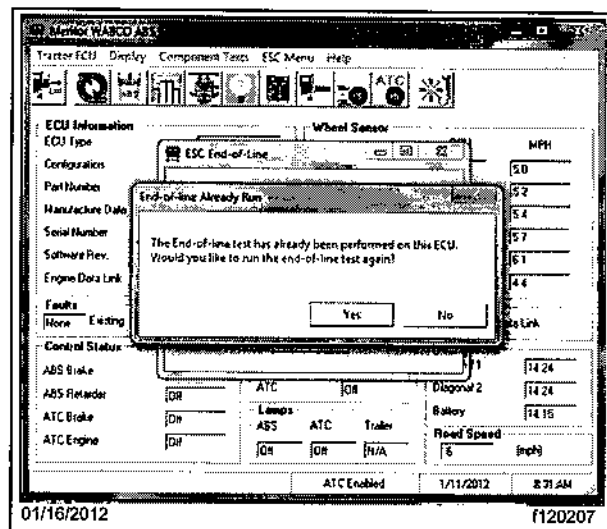


Fig. 13, End of Line Already Run

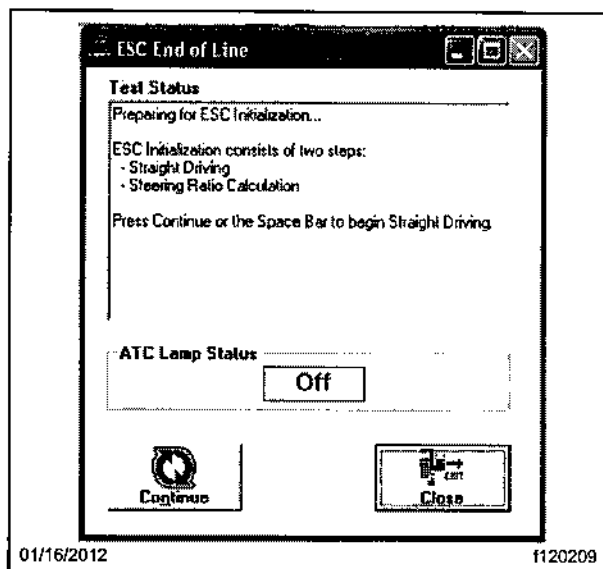


Fig. 14, Preparing for ESC Initialization

Calibrate the ESC System – Steering Ratio

NOTE: If the steering ratios were saved successfully in the earlier "Save the Steering Ratios" procedure, this task will automatically be bypassed. Go to step 6 below in this procedure. If the steering ratios were not saved earlier, perform the next steps.

NOTE: The circle driving may be done in segments and the ECU will accumulate the information until the desired distance is reached, but it must be done in the same ignition cycle.

1. After completing the straight driving procedure, the next message will appear. Carefully read the message box and follow the instructions. See Fig. 15 .

- Turn the steering wheel 360 degrees in one direction (left or right) and begin driving with the steering wheel held in that position.

The ATC stability light will start blinking when the required conditions are met. Keep driving until the light turns off. See Fig. 16.

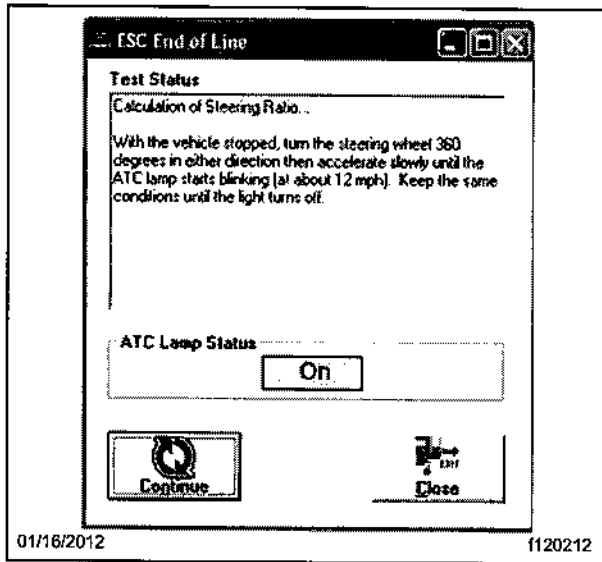


Fig. 15, Calculation of Steering Ratio

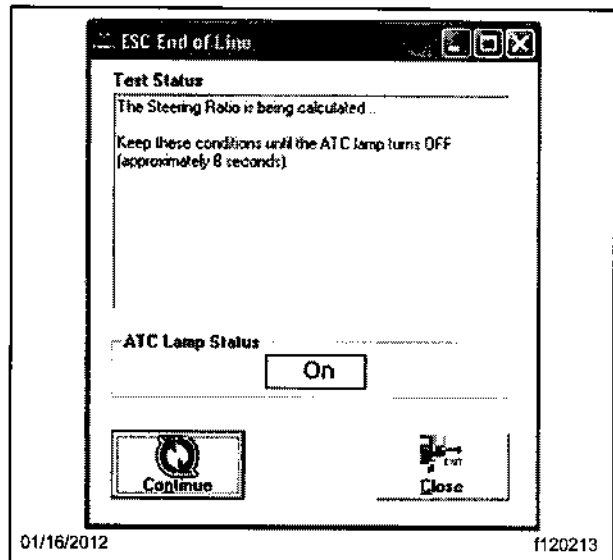


Fig. 16, The Steering Ratio is Being Calculated

- Stop the vehicle. Turn the steering wheel back to straight ahead and then continue turning it another 360 degrees and repeat the driving, turning in the opposite direction.
Again, the ATC stability light will start blinking when the required conditions are met. Keep driving until the light turns off. See Fig. 17.
- A message box with the steering ratio and steering angle offset values will appear. Click "Close". See Fig. 18.
- Read the message box and follow the instructions very carefully. Click "Close." Fig. 19. If the data connection to TOOLBOX® is lost, click on the "Restart ECU" menu item.
- Shut down the vehicle for at least 5 seconds before turning the ignition on again to confirm the calibration of the ESC system.
- To confirm the calibration of the ESC system, turn on the ignition. When the ESC calibration is complete, the ABS and ATC/ESC lamps on the dash board instrument cluster should come on and go back off. The ATC/ESC lamp may remain on briefly after the ABS lamp goes off. There should be no active faults displayed in the ECU memory.
 - If the calibration was successful, clean a spot on the base label (Form WAR259) and attach a completion sticker for Recall FL612 (Form WAR260) to the base label.
 - If the calibration was not successful, contact Meritor OnTrac, (866) 668-7221, for assistance. Follow the advice given. When the calibration is finished successfully, clean a spot on the base label (Form WAR259) and attach a completion sticker for Recall FL612 (Form WAR260) to the base label. If additional labor was required, request the additional repair time in WSC or OWL as appropriate for your location.

Recall Campaign

Daimler Trucks
North America LLC

March 2012
FL612A-F
NHTSA #11V-465
Transport Canada #11-346

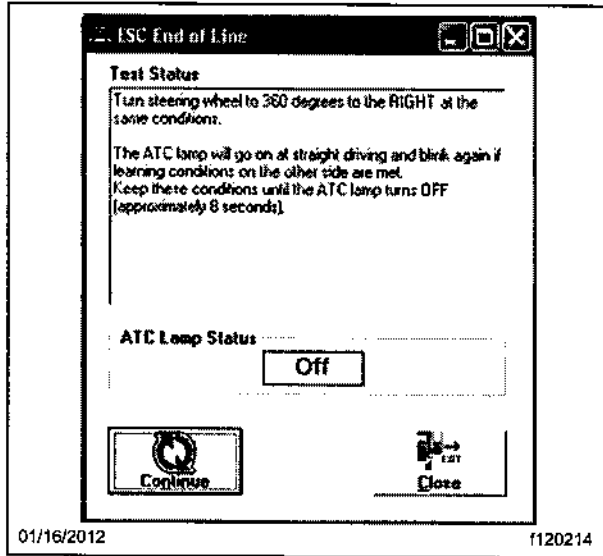


Fig. 17, Circle Driving Procedure

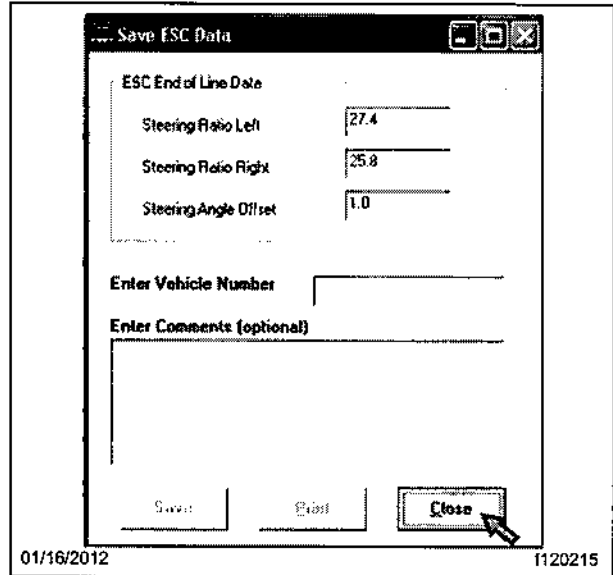


Fig. 18, ESC End of Line Data

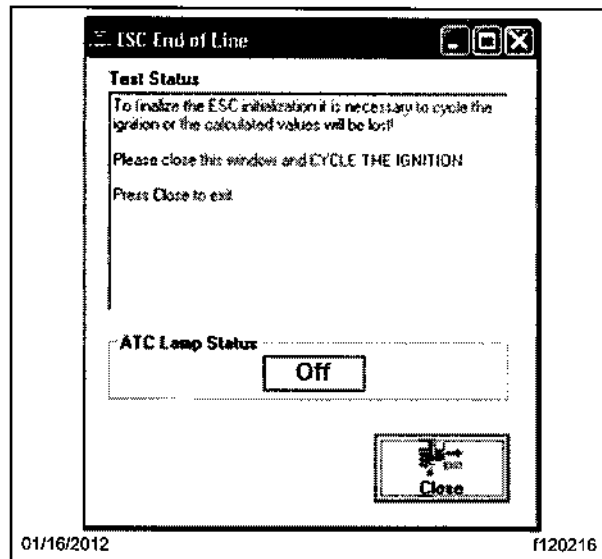


Fig. 19, Finalizing the ESC Initialization

Enable ESC (FL612F Only)

1. Verify that the steering wheel is centered and the front wheels are positioned straight ahead.
2. Turn the ignition to ON, but do not start the engine.
3. Launch the Meritor WABCO TOOLBOX® diagnostic software and click on the blue truck. See Fig. 5.
4. Check the Engine Data Link field. It should include "ESC." See Fig. 20.

If the field shows "ESC", the ESC is enabled, no further work is required. Clean a spot on the base label (Form WAR259) and attach a completion sticker for Recall FL612 (Form WAR260) to the base label.

If the window does not show "ESC," perform calibration procedures "Calibrate the Steering Angle Sensor," "Calibrate the ESC System – Straight Driving," and "Calibrate the ESC System – Steering Ratio" above. When complete, clean a spot on the base label (Form WAR259) and attach a completion sticker for Recall FL612 (Form WAR260) to the base label.

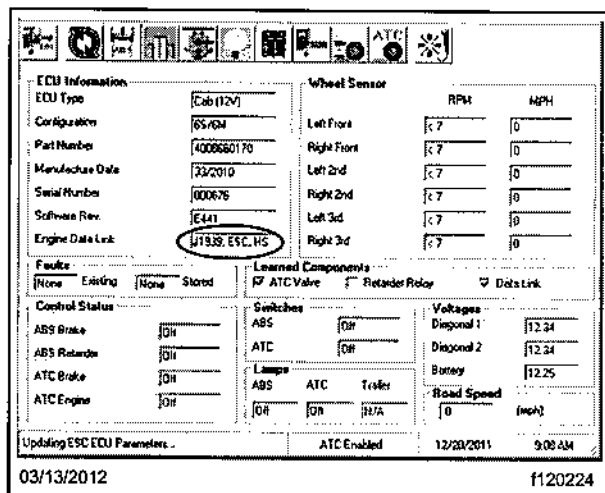


Fig. 20, ESC Enabled

IMPORTANT CAMPAIGN INFORMATION

ATTENTION: Dealer Principal, Warranty Manager, Service Manager, Parts Manager
Freightliner Dealers – U.S. and Canada
Western Star and Sterling Dealers – U.S. and Canada
FCCC Dealers – U.S. and Canada
Thomas Built Bus Dealers – U.S. and Canada
Export Distributors
Direct Warranty Customers – U.S. and Canada

Daimler Trucks North America LLC

WARRANTY CAMPAIGNS DEPARTMENT
P.O. Box 4090 800-547-0712
Portland, Oregon 97208-4090 FAX 503-745-8009

REF #: ICI12-007
Effective: 03/20/12
Release: 03/20/12

If you have questions about this Letter, please submit your inquiry on the Web at:
AccessFreightliner.com / Support / My Tickets and Submit an Inquiry

SUBJECT: Interim FL612 Ending – Final Recall to Begin

This letter is to inform you that the interim phase of Recall FL612, *Meritor WABCO Stability Control Systems*, will be ending and the final Recall repair will begin at the end of this week. Please note the important dates listed below and schedule work under FL612 accordingly. The final Recall bulletin will be available to dealers on 03/23/12.

Last Repair Date for Interim Repairs/Claims: 03/22/12

First Repair Date for Final Recall Repairs/Claims: 03/23/12

If the repair date on your claim will be *after* 03/22/12, do not perform or try to claim for the interim repair. All FL612 Recall repairs that will have a repair date on the claim of 03/23/12 or later must be for the final repair.

It is recommended that dealers stop performing the interim repair now, as it will not offer customers any benefit when the final repair may be done in a few days time.

If you have questions or need further information, contact the Warranty Campaigns Department by submitting an inquiry through www.AccessFreightliner.com / Support / My Tickets and Submit an Inquiry from 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday.

The information contained in this letter supercedes and supplements any related policies and procedures in any previously released bulletins, the Warranty Manual, and/or previously released letters. Failure to read or distribute this letter will not exempt addressees from compliance with the information contained herein.