

Subject: Delco Remy 44MT Starters

Models Affected: Specific Freightliner 114SD, 122SD, 132SD, Cascadia, and Coronado vehicles and Western Star 4700 and 4900 vehicles manufactured July 7, 2014, through March 31, 2015.

General Information

Daimler Trucks North America LLC, on behalf of its Freightliner Trucks Division and wholly owned subsidiary, Western Star Truck Sales, Inc., is initiating Field Service Campaign SF515AB to modify the vehicles mentioned above.

Certain vehicles may experience water intrusion into the starter solenoid resulting in intermittent no-crank or click-no-crank events.

The vehicles will be inspected for a Delco Remy 44MT starter and if found, it will be replaced.

There are approximately 1,700 vehicles involved.

Additional Repairs

Dealers must complete all outstanding 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.

Please contact Warranty Campaigns for consideration of additional charges prior to performing the repair.

Work Instructions

Please refer to the attached work instructions. Prior to performing the campaign, check the vehicle for a completion sticker (Form WAR261).

Replacement Parts

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

If our records show your dealership has ordered any vehicle(s) involved in campaign SF515AB, 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 campaign.

Table 1 - Replacement Parts for SF515AB

Campaign Number	Part Description	Part Number	Qty. per Kit
SF515A	39MT - 12V STARTER, ROT FLANGE	DR 8200434	1 ea
	COMPLETION STICKER	WAR260	1 ea
SF515B	39MT - 12V STARTER, ROT FLANGE	DR 8200308	1 ea
	COMPLETION STICKER	WAR260	1 ea

Table 1

Field Service Campaign

Daimler Trucks
North America LLC

October 2015
SF515AB

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	Corrective Action
SF515AB	Inspect starter; no replacement necessary	0.1	996-0959A	06-Inspect
SF515AB	Inspect and replace starter	0.9	996-0959B	12-Repair Recall/Campaign

Table 2

IMPORTANT: When the campaign has been completed, locate the base completion label in the appropriate location on the vehicle, and attach the gray completion sticker provided in the field service kit (Form WAR261). 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 field service kit is not required or there is no completion sticker in the kit, write the campaign 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 OWL:

- Claim type is **Field Service Campaign**.
- In the Campaign field, enter the campaign number and appropriate group (**SF515-A** or **SF515-B**).
- In the Primary Failed Part field, enter **25-SF515-000**.
- In the Parts section, enter the appropriate part number(s) as shown in the Replacement Parts Table.
- In the Labor section, enter the appropriate SRT from the Labor Allowance Table. Administrative time will be included automatically as SRT 939-6010A for 0.3 hours.
- The VMRS Component Code is **032-002-001** and the Cause Code is **A1 - Campaign**.

This Field Service Campaign will **terminate on October 31, 2016**. Dealers will be notified of any changes to the termination date via Important Campaign Information Letter posted on AccessFreightliner.com.

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

All claims must be submitted within 30 days of the repair and within 30 days of the termination date of the campaign. U.S. and Canadian Dealers: All excess inventory to be returned to the PDC following the conclusion of the campaign must be returned in resaleable condition to the Memphis PDC within 90 days from the termination date. Please submit a PAR to request return to the Memphis PDC. (Canadian dealers should return the kits to their facing PDC.) Export Distributors: Excess inventory is not returnable.

For questions, 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 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.

Copy of Notice to Owners

Subject: Delco Remy 44MT Starters

Daimler Trucks North America LLC, on behalf of its Freightliner Trucks Division and wholly owned subsidiary, Western Star Trucks Sales, Inc., is initiating Field Service Campaign SF515AB to modify specific Freightliner 114SD, 122SD, 132SD, Cascadia, and Coronado vehicles and Western Star 4700 and 4900 vehicles manufactured July 7, 2014, through March 31, 2015.

Certain vehicles may experience water intrusion into the starter solenoid resulting in intermittent no-crank or click-no-crank events.

The vehicles will be inspected for a Delco Remy 44MT starter and if found, it will be replaced.

Please contact an authorized Daimler Trucks North America dealer to arrange to have the campaign performed and to ensure that parts are available at the dealership. To locate an authorized dealer, search online at www.Daimler-TrucksNorthAmerica.com / Contact Us / Find a Dealer. The campaign will take approximately one hour and will be performed at no charge to you.

This Field Service Campaign will **terminate on October 31, 2016**. Please make sure the campaign is completed prior to this date. Work completed after this date will be done at the customer's expense.

As stated in the terms of your express limited warranty, Daimler Trucks North America LLC will not pay for any damage caused by failure to properly maintain your vehicle. Daimler Trucks North America LLC considers the work necessary under this campaign to be proper maintenance and will, therefore, not pay for any damage to your vehicle caused by your failure to have the repairs that are the subject of this campaign performed in a reasonable time.

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

October 2015
SF515AB

Work Instructions

Subject: Delco Remy 44MT Starters

Models Affected: Specific Freightliner 114SD, 122SD, 132SD, Cascadia, and Coronado vehicles and Western Star 4700 and 4900 vehicles manufactured July 7, 2014, through March 31, 2015.

Starter Inspection and Replacement Procedure

1. Check the base label (Form WAR259) for a completion sticker for SF515 (Form WAR261) indicating this work has been completed. The base label is usually located on the passenger-side door, about 12 inches (30 cm) below the door latch. If a completion sticker is present, no work is needed. If a completion sticker is not present, proceed to the next step.
2. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
3. Open the hood.
4. Check that the starter on the vehicle is a Delco Remy 44MT. Differentiate the starters using housing color and IMS (see **Fig. 1**):
 - The 39MT has an externally mounted IMS and a black motor frame.
 - The 44MT has an internal IMS and a red motor frame.
5. If the vehicle is not equipped with a Delco Remy 44MT starter, no further work is needed. Clean a spot on the base label (Form WAR259). Write the campaign number, SF515, on a blank grey completion sticker (Form WAR261) to indicate the campaign has been completed and attach it to the base label.

If the vehicle is equipped with a Delco Remy 44MT starter, replace it with a Delco Remy 39MT starter. Proceed with the next step.
6. Disconnect the negative battery cables at the batteries.
7. Disconnect and label the wiring that connects to the starter.

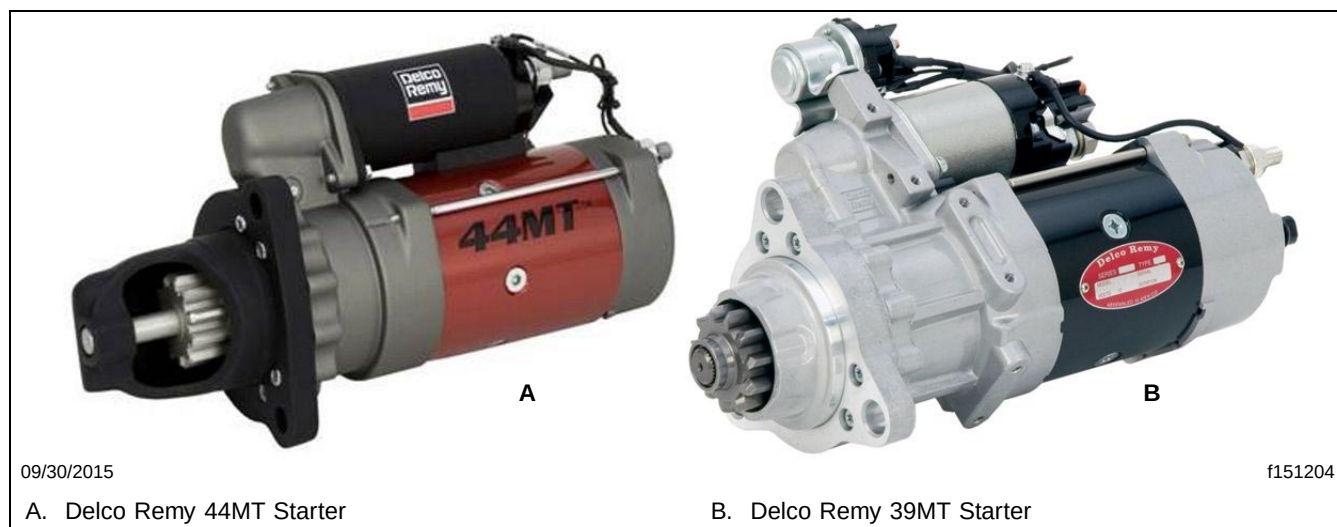


Fig. 1, Delco Remy 44MT and 39MT Starters

8. Support the starter, then remove the bolts that mount it to the flywheel housing.
9. Remove the starter from the vehicle. This 44MT starter should be returned to Delco Remy.
10. Place a new Delco Remy 39MT starter into the mounting hole in the flywheel housing.
11. Hand start the three mounting bolts for Cummins engines, or nuts for Detroit engines, then hand tighten them until snug. Using a torque wrench, tighten them:
 - 62 to 72 lbf·ft (84 to 98 N·m) for DD13, DD15, and DD16 engines.
 - 110 lbf·ft (150 N·m) for Cummins ISX engines.
12. Connect the wiring to the solenoid and starter as previously marked. Tighten the terminals as indicated in **Fig. 2**.

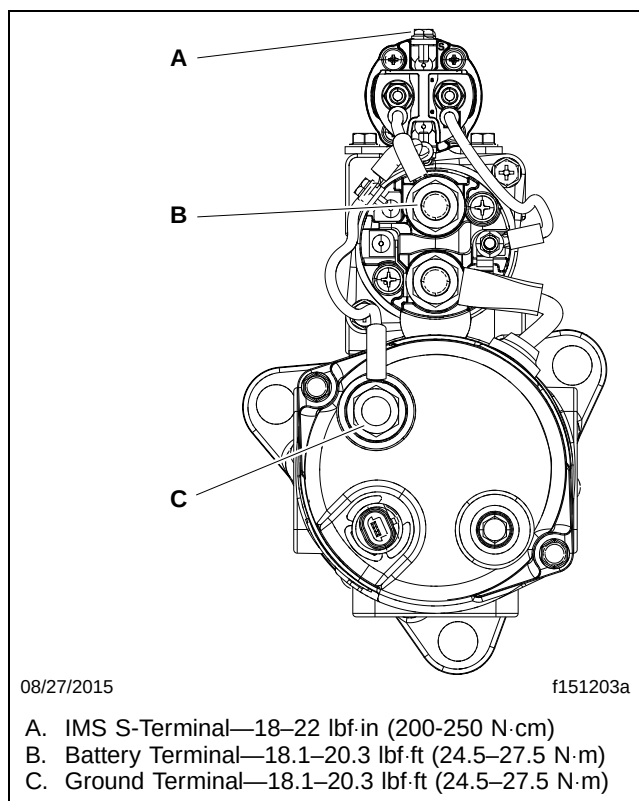


Fig. 2, Starter Terminal Torque Values

13. Protect all exposed terminal connectors with dielectric red enamel.
14. Connect the batteries.
15. Start the vehicle and verify proper starter operation, then shut down the engine.
16. Clean a spot on the base label (Form WAR259). Write the campaign number, SF515, on a blank grey completion sticker (Form WAR261) to indicate the work has been completed and attach it to the base label.