



Mack Trucks, Inc.
Greensboro, NC USA

Service Program Trucks

Date	Group	No.	Release	Page
8.2012	258	795	01	1(10)

Aftertreatment Diesel Particulate Filter (DPF)
Inlet Pipe

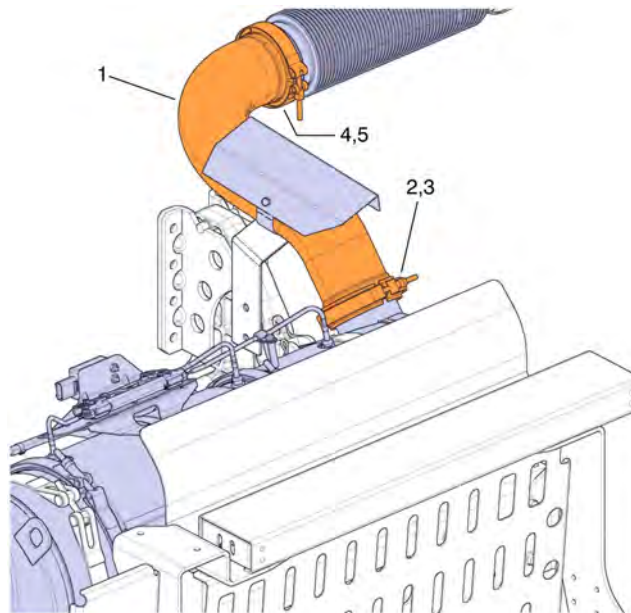
GU
Cummins ISL

PI0795, Aftertreatment Diesel Particulate Filter (DPF) Inlet Pipe

August 2012

Certain Mack GU trucks with the Cummins ISL engine built from 8-25-2011 to 4-11-2012 may exhibit an exhaust leak at the Aftertreatment Diesel Particulate Filter (DPF) inlet pipe. The DPF inlet pipe flange has been modified to improve the sealing function of the DPF inlet pipe. Trucks built between these dates should replace the DPF inlet pipe (21534291) with new inlet pipe (21921104). New gaskets are installed on both ends of the new DPF inlet pipe. Additionally, a new v-band clamp (21601828) is required to complete the installation.

Note: This bulletin does not apply to MACK Trucks Australia.



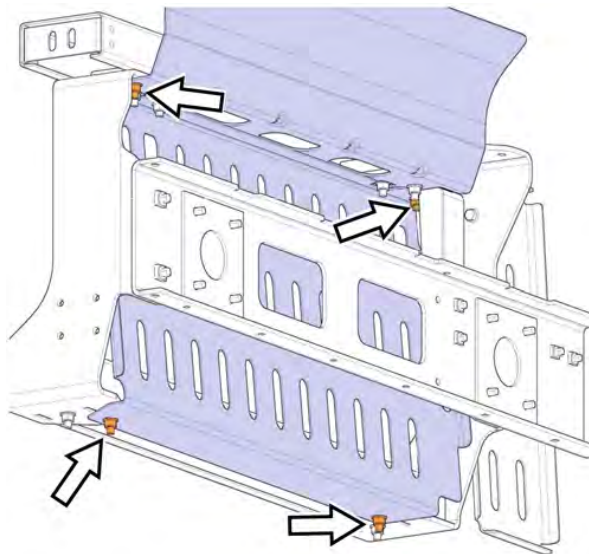
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DPF Inlet Pipe Parts			
Item #	QTY	Part Number	Description
1	1	21921104	Exhaust Pipe, DPF Inlet
2	1	21601828	V-Band Clamp, DPF Inlet Pipe to DPF
3	1	21601830	Gasket (DPF Inlet)
4	1	21095721	Gasket (Flex Pipe)
5	1	N/A	V-Band Clamp to Flex Pipe, Existing

Procedure

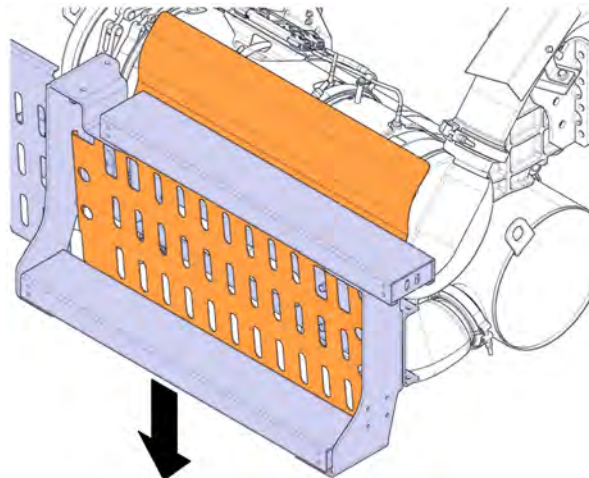
You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

- 1 Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheels, and placing the transmission in neutral or park.
- 2 Disconnect all battery cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components.
- 3 Remove fasteners securing the DPF heat shield assembly.



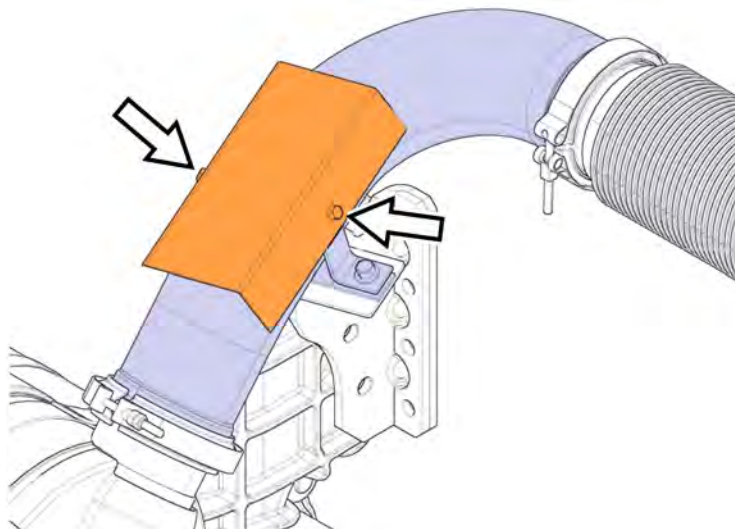
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- 4 Remove DPF heat shield assembly.



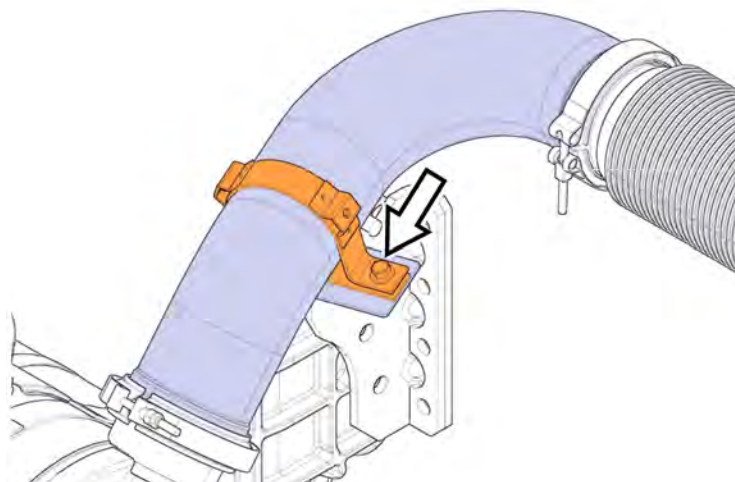
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- 5 Remove fasteners from inlet pipe heat shield and remove heat shield.



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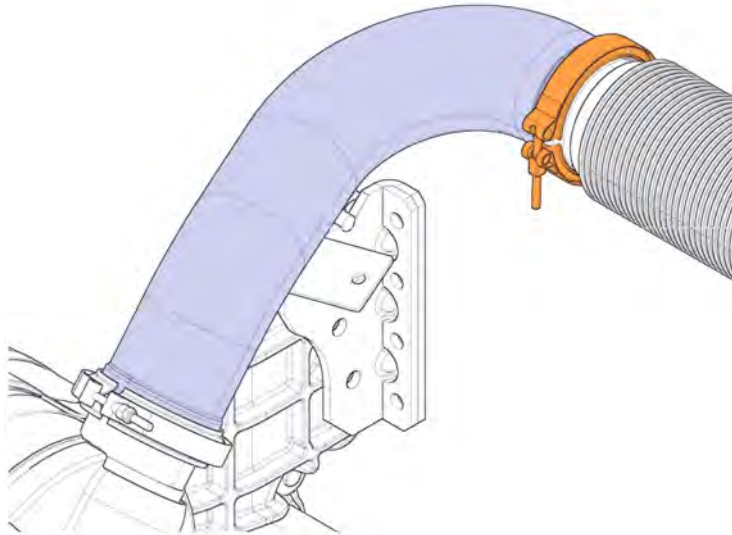
- 6 Loosen DPF inlet pipe clamp fastener and remove clamp.



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- 7 Remove DPF inlet pipe to DPF flex pipe clamp v-band clamp.

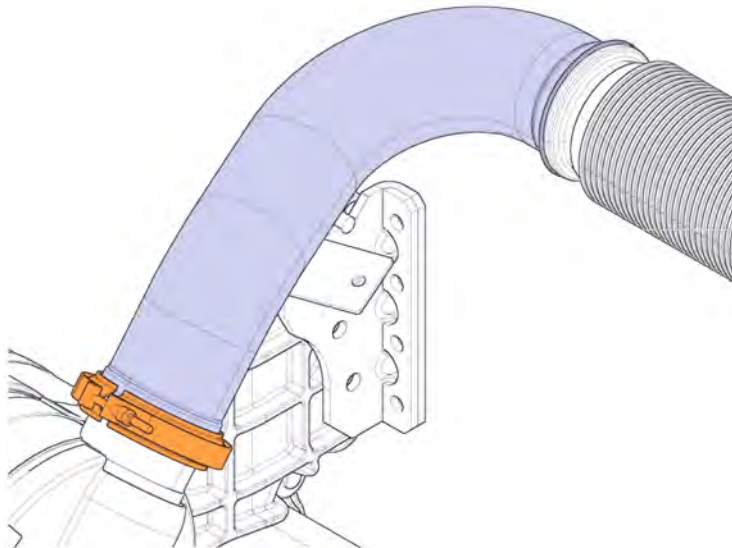
Note: Inspect the existing DPF inlet pipe to DPF flex pipe v-band clamp for damage. Replace the clamp if damage is present. If no damage is present, store the clamp for reuse.



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- 8 Remove DPF inlet pipe to DPF v-band clamp and discard.

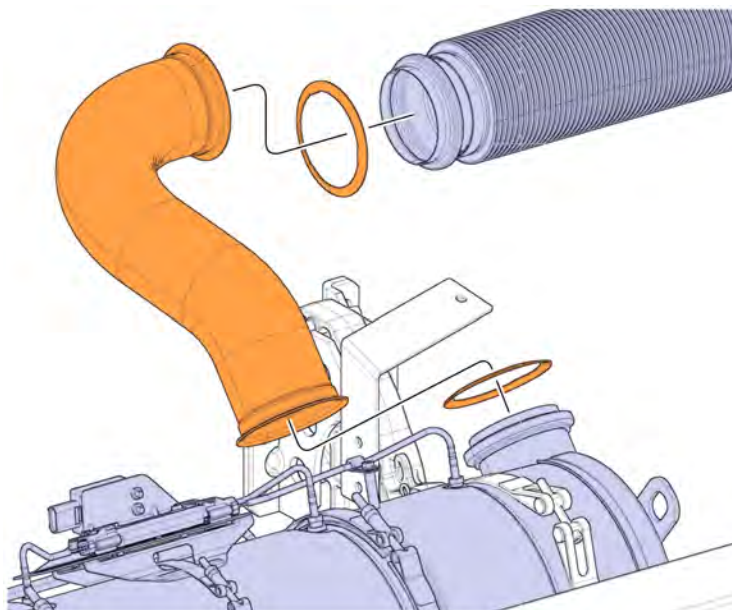
Note: Do not reuse the v-band clamp to the DPF inlet.



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9 Remove the DPF inlet pipe with gaskets and discard.

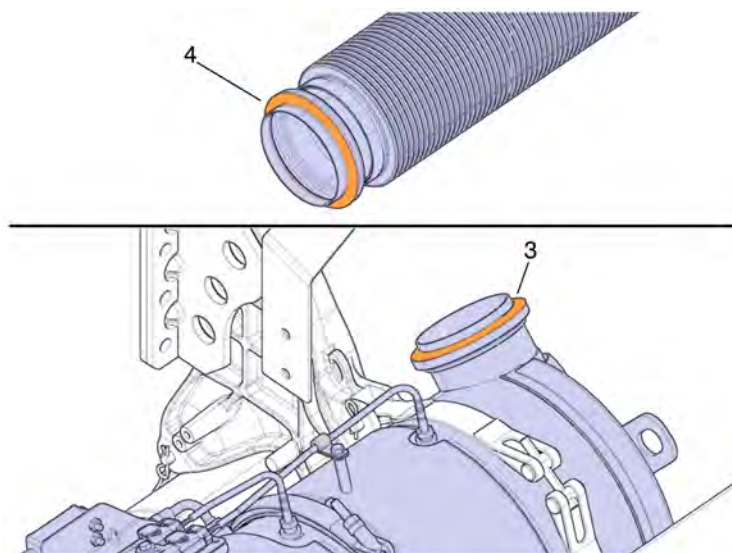
Note: Do not reuse old Gaskets.



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10 Clean sealing surfaces on DPF inlet and exhaust pipe from engine.

11 Position new gasket (Item 3, part number 21601830) on DPF inlet and (item 4, part number 21095721) on flex pipe as shown in figure below.



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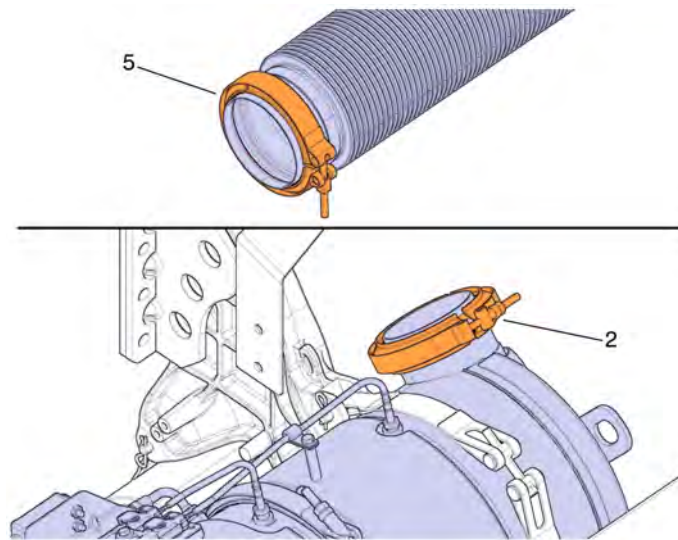
12 Position new clamp (item 2, part number 21601828) on the DPF inlet.

Note: Do not tighten clamps at this time.

13 Position existing v-band clamp (Item 5) on flex pipe.

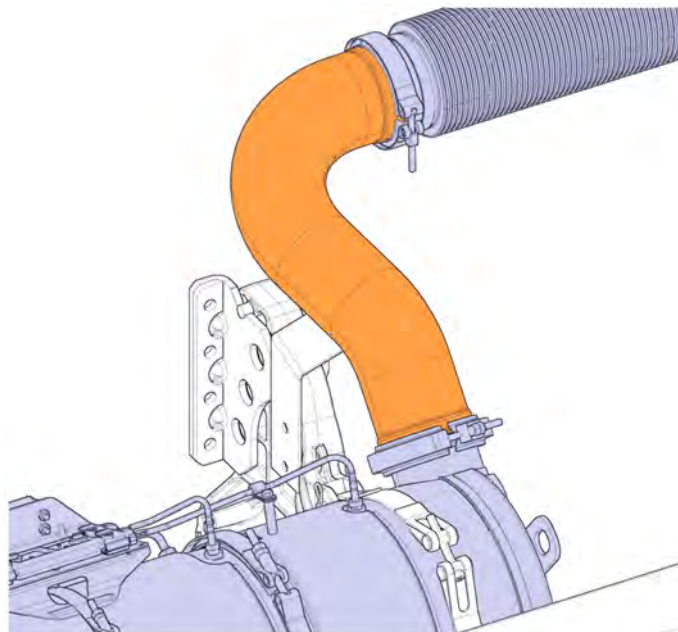
Note: Reuse the existing flex pipe v-band clamp.

Note: Do not tighten clamps at this time.



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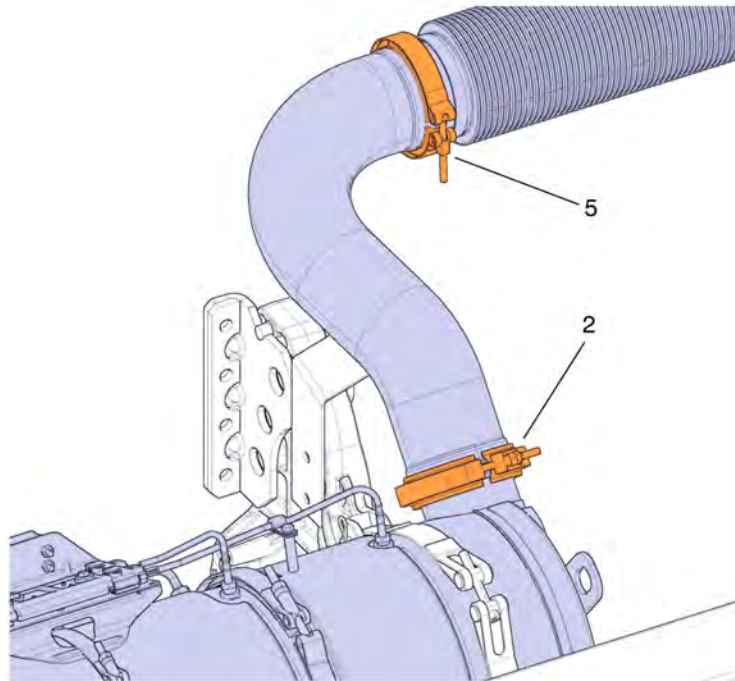
14 Position new DPF inlet pipe (part number 21921104) to DPF inlet and flex pipe.



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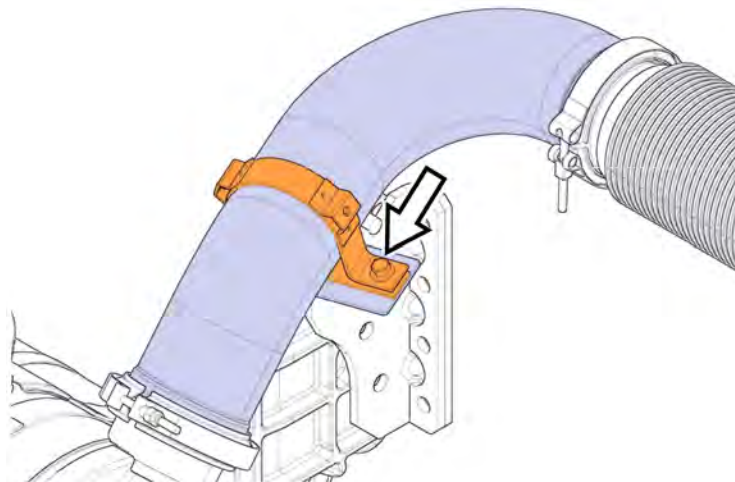
15 Tighten DPF inlet pipe to DPF v-band clamp (Item 2) $13 \pm 2/0$ Nm ($10 \pm 1/0$ ft-lb).

16 Tighten DPF inlet pipe to DPF flex pipe v-band clamp (Item 5) $8 \pm 2/0$ Nm ($6 \pm 1/0$ ft-lb).



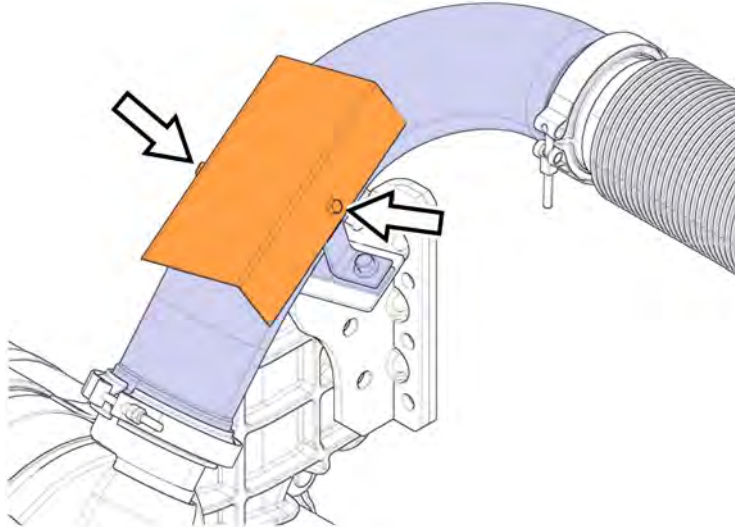
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17 Install DPF inlet pipe clamp and tighten fastener to 24 ± 4 Nm (18 ± 3 ft-lb).



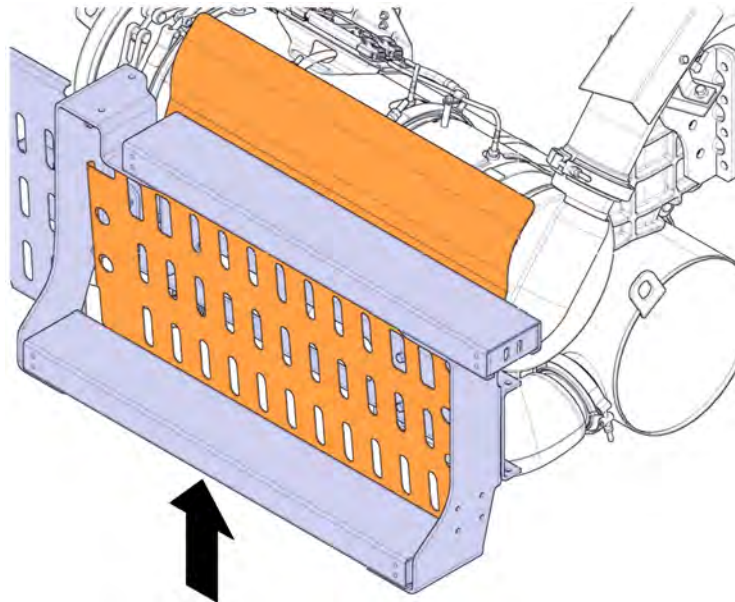
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18 Position inlet pipe heat shield and tighten fasteners to 24 ± 4 Nm (18 ± 3 ft-lb).



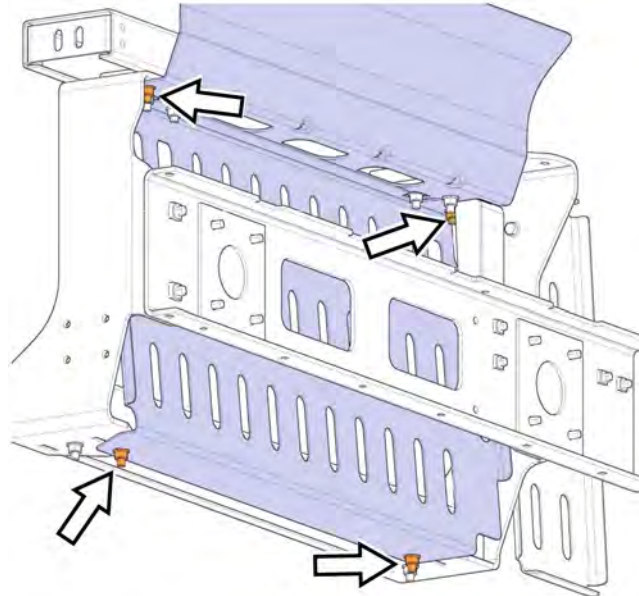
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19 Install DPF heat shield assembly.



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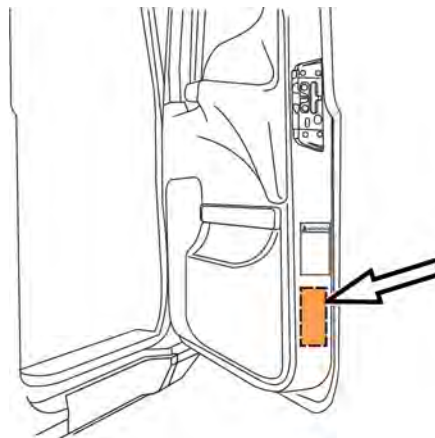
20 Install fasteners securing the DPF heat shield assembly and tighten fasteners to 24 ± 4 Nm (18 ± 3 ft-lb).



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21 Reconnect all previously removed cable to the negative (ground) battery terminals.
22 Start engine and check for leaks.

Note: To signify that the campaign has been completed, using a permanent-type marker (such as a Sharpie®) to write the campaign number (PI0795) and completion date in the spaces provided on the Campaign Completion label located inside the cab as shown in the illustration below. If a label is not already affixed inside the cab, apply a label (part No. TS897) and supply the information as required. Campaign Completion labels are available in packs of 50 and can be ordered by faxing a completed BR313 to Pacesetters Business Services at 610-264-9465.



W8034103

Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	B
Recall Status	
Vehicle inspected, repair not required	1- Inspected OK
Vehicle repaired per instruction	2- Modified per instruction
Labor Code	
Primary Labor Code	2344M-ZZ-96 0.7 hrs.
Time to take charge and determine campaign status	101AA-0A-00 0.3 hrs.
Causal Part	21534291
Authorization Number	PI0795
Expiration Date	28 AUG 2013

Note: Take Charge Time is not included in the Labor Code for this operation. Take charge may be eligible but can only be used once per repair visit. If vehicle is having other warranty repairs performed, take charge should be charged to the warranty repair, otherwise take charge can be charged to this service program.