



Technical Information Bulletin

E215

Section

Inlet/Exhaust and Aftertreatment

Subject

Wet Soot Cleanup

Release Date

8/23/2018

Condition

Wet soot is found in the aftertreatment system while performing repairs guided by [PSB E214](#).

Chassis Affected

MY2017 MX-13 engines diagnosed with leaking exhaust valve guide seals.

Action

Fix-As-Fail

If a customer comes into your dealership and demonstrates the conditions above, use the procedures below to clean and/or repair the aftertreatment system.

Warranty

Through Standard Warranty (includes Extended Warranty) Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- 3.7 hours labor to flush the EGR Cooler, Clean the venturi, inspect the DOC for face plugging, reassemble and perform the parked regeneration. Use Quick Claim code E215A.
- 6.0 hours labor to flush the EGR Cooler, Clean the venturi, inspect the DOC for face plugging, remove the DOC and

DPF, check for DPF breach, clean the DPF in the FSX machine (baking only), and reinstall the parts. Use Quick Claim code E215B.

- 5.2 hours labor to flush the EGR Cooler, Clean the venturi, inspect the DOC for face plugging, remove the DOC and DPF, check for DPF breach, replace needed parts, and reinstall the parts. File a long form claim.
- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first. If you do not have the equipment to clean the DPF/DOC, then you may file an additional claim for subletting of the cleaning.

Kenworth dealers may perform E215 repairs on Peterbilt chassis, but Quick Claims do not apply. For Peterbilt chassis repairs, use the long claim input form in DWWC selecting "Draft/Offline Claims", the "General" tab, and in the "Type of Claim" drop down box, select "PACCAR Engine Claim", then manually enter claim codes (Campaign #, Failure type, and SRT).

Take-Off Parts Disposition: Destroy take-off parts 30 days after claim is paid.

CLAIM CODING			
Failure Location:	043-006-001	Work Accomplished:	21
Failure Type:	103	Responsibility Code:	01
SRT Code:	043-547 (2.6 hrs.) Flush EGR cooler off engine 043-523 (0.2 hrs.) Clean venturi 043-052 (0.5 hrs.) Inspect DOC face 101-014 (0.2 hrs.) Clean DOC face (Baking only) 043-841 (0.5 hrs.) R and R SCR canister 043-070 (1.0) R and R DPF 043-XXX (0.2 hrs.) Check for DPF breach 043-XXX (0.8 hrs.) Clean in FSX machine-baking only for this bulletin 043-630 (0.4 hrs.) Stationary Regen	Claim Type:	A/D

Parts

Parts are available from PACCAR Parts.

Table 1: EGR Flush and Clean venturi Parts

Quantity	Part Number	Description
1	1979190PE	V-CLAMP, 82MM
1	1917870PE	GASKET, EXHAUST
2	1924315PE	SEAL RING, VENTURI

1	2120190PE	GASKET-EGR
1	1858037PE	RING-USIT 11.4x22x1.5
2	1898204PE	RING SEAL
4	2116602PE	O-RING, 7.4x2
1	2035973PE	GASKET-EXHAUST, EGR
2	1204090105	CLEANING SOLUTION-EGR (GAL JUG)

Table 2: Inspect DOC for Face Plugging Parts

Quantity	Part Number	Description
1	1827320PE	EPA/GASKET
1	LP34216	EPA/CLAMP-V, 5 INCH SPHERICAL

Table 3: Remove DOC and DPF Parts

Quantity	Part Number	Description
1	2011939PE	CLAMP, V-BAND
1	2011938PE	GASKET, EXHAUST

Procedure

Follow instructions in Rapido, and for your FSX machine, to do the following.

- Flush the EGR cooler. EGR cooler cleaning may take up to 4 hours.
- Clean the venturi.
- Reinstall the EGR system.
- Inspect the DOC for face plugging.
- If the DOC face is not plugged, reassemble/reinstall the DOC and perform a parked Regeneration.
- If the DOC face is plugged, continue with this procedure.
- Check for a DPF breach.
- If the DPF is breached, replace the damaged components as needed.
- If the DPF is not breached, clean the DPF in the FSX machine.
- If face plugging is found, it *must* be baked out, using the FSX baking kiln. Blowing out of the DOC is not acceptable, as it will not clean out the wet deposits.
- Reinstall removed parts.

NOTE

MY17/18 (EPA 17) DOC Inlet may have interference with the side of some FSX cleaning traps. New 15-200557 DOC Cleaning Adaptor Plates Can Be Ordered Through PACCAR Parts to resolve the issue.

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