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Diesel Particulate Filter (DPF) - Cleaning History Worksheet

Date: 12-21-17

Filter Style: DPF Catalyst

Serial Number: 23173095481

Part Number: 621430

Other Number: 4969542

Customer: Vics (Adam)

Manufacturer/Distributor (Circle)

Caterpillar	DCL	International	Mack
Cleaire	Detroit Diesel	Isuzu	PACCAR
Cummins	ECS	Johnson Matthey	Volvo

Other: _____

Mileage: _____ Vehicle #: _____

Engine: _____ Model: _____

Filter Dimensions

OD 13 1/4 ID 1 1/2

Overall Height 8 1/2

Ceramic Height 7

Pin Gauging

Depth of a totally clean cell 7

(Measure from Clean side)

Step 1 - Visual Inspection

Clean End Color (Circle): White, Cream, Tan, Gray, Brown, Black, Other: _____

Dirty End Color (Circle): White, Cream, Tan, Gray, Brown, Black, Other: _____

Pin Gauge clean side to check for melting and note measurements (see grid at right)

Refer to Filter Cleaning Reference Data Posters

Circle One

Chips, Gouges, Melting: Pass Fail

Surface Cracks: Pass Fail

Loose Ceramic (Ceramic moves): Pass Fail

Red Tag Continue

Oil Soaked (circle): Yes No

If Yes, then Red Tag.

FSX does not recommend cleaning oil, coolant, or fuel soaked DPF

Discoloration Ring: Yes No (circle)

TrapTester Airflow test 1.4 w.g. (Clean side down no gaskets)

Initial Black Hole Count (on clean side) (est.) (circle): 0 5 15 10 20 50 100 100+ 1000+ Other: _____

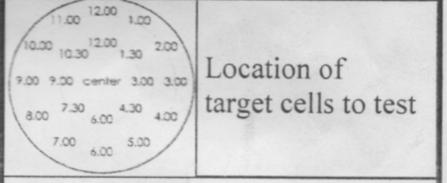
Step 2 - Pneumatic Stage 1 Cleaning

2-minute Bypass Inspection; Important - Closely watch top surface of the DPF during first 2-minutes of air blast. Count defective cells allowing distinct spurts of ash or soot, and indicate number below.

Circle: 0 1 2 3 4 5 10 15 20 50 100 100+ 1000+

Red Tag: stop process if over 20 cells have heavy spurts of black, white, or gray particulate blowing out the clean end of the DPF during the first two minutes.

Continue: if less than 20 defective cells (spurts) noted.



Step 3 - After Pneumatic Cleaning

TrapBlaster Time (in minutes) (circle one): 15 20 25 30 40 50 60 Other: _____

Pin Gauge dirty side for ash content and note measurement (see grid at right)

TrapTester Airflow test 1.08 w.g. (Clean side down no gaskets)

Compare to FSX Baseline Chart

Step 3 Status: Red Tag Green Tag-Process Complete Continue to Thermal

Pin Gauge Depth

(Measure available depth from dirty side of filter - tap **lightly** if necessary)

Position	Clean Side	Dirty Side	
	Step 1	After Pneumatic Step 2	After Thermal Step 3
Outer 1:00			
Outer 2:00			
Outer 3:00			
Outer 4:00			
Outer 5:00			
Outer 6:00			
Outer 7:00			
Outer 8:00			
Outer 9:00			
Outer 10:00			
Outer 11:00			
Outer 12:00			
Inner 1:30			
Inner 3:00			
Inner 4:30			
Inner 6:00			
Inner 7:30			
Inner 9:00			
Inner 10:30			
Inner 12:00			
Center			
Average			

Step 4 - After Thermal Cleaning

Important: Before putting the filter in the Trap-Blaster make sure core temp is at or below 125°F

TrapBurner PI (circle): Yes or No

TrapBlaster Time (in minutes) (circle one): 15 20 25 30 40 50 60 Other: _____

TrapTester Airflow test _____ w.g. (Clean side down no gaskets)

Compare to FSX Baseline Chart

Final Step 4 status: Red Tag Green Tag Orange Tag

Final comments: _____

Operator's Initials: AM