1.40 - 1.90

Diesel Particulate Filter (DPF) - Cleaning History Worksheet

FSX www.fsxinc.com

Date: 12-21-17

Filter Style: (DPF) Catalyst

Serial Number: 3325314021O

Part Number: A04/C187

Other Number: 5297522

Customer: Vic's (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 7/8 ID 11 1/2

Overall Height 15

Ceramic Height 12

Pin Gauging

Depth of a totally clean cell 12 (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 or (No) (circle)

TrapTester Airflow test 2.0 **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: _____

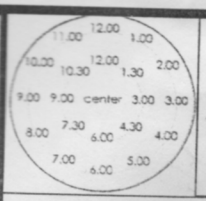
Step 2 - Pneumatic Stage 1 Cleaning

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.**



Location of target cells to test

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 1.5 **w.g.** (Clean side down no gaskets)

Compare to FSX Baseline Chart

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

Step 4 - After Thermal Cleaning

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

TrapBurner P1 (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

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

Final Step 4 status: ☐ Red Tag ☑ Green Tag ☐ Orange Tag

Final comments: _____

Operator's Initials: RJ

Pin Gauge Depth

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

Position	Clean Side Step 1	Dirty Side After Pneumatic Step 2	Dirty Side 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			