



FSX, Inc.

DPF Air Pressure Baseline Cleaning Range Mastersheet.

As measured on FSX TrapTester

Baselines are under constant development and are subject to change.

Contact FSX to have your baseline data considered for inclusion.

Customer provided baselines not yet verified by FSX.

Note: Pressure/airflow reading can vary due to temperature, humidity, altitude and DPF manufacturing variances as much as 0.3" w.g. In high altitude areas the variance can exceed 0.3" w.g.

FSX Target Pressure/Airflow Ranges

Use these target ranges in conjunction with the other inspection and testing methods described in your FSX DPF cleaning manual to evaluate filter recovery

Measure with dirty side up (flow arrow pointing down)

Manufacturer	Part No	Alt Part No.	Catalyst Only	Customer Provided Baseline	Red Tag (if below)	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
Caterpillar	260-7807				< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Caterpillar	261-2318	2020917			< 2.35	2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
Caterpillar	264-1556	2021619			< 2.35	2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
Caterpillar	272-2425				< 2.35	2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
Caterpillar	283-7213				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	285-3365				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	290-0045				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	291-8514				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	291-8519				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	291-8520				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	292-2944				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	299-3513				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	304-7502				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	304-7578				< 2.35	2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
Caterpillar	305-4565				< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cleair	CJF-110				< 3.00	3.00	3.00 - 3.50	3.55 - 4.05	> 4.05
Cleair	CJF-201-EPF				< 3.00	3.00	3.00 - 3.50	3.55 - 4.05	> 4.05
Cleair	JC-02		Y		< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cleair	JF-110				< 3.00	3.00	3.00 - 3.50	3.55 - 4.20	> 4.20
Cleair	JF-203			Y	< 3.00	3.00	3.00 - 3.50	3.55 - 4.20	> 4.20
Cleair	JF-210				< 3.00	3.00	3.00 - 3.50	3.55 - 4.20	> 4.20
Cleair	KC-02		Y		< 3.00	3.00	3.00 - 3.50	3.55 - 4.20	> 4.20
Cleair	KF-110				< 3.00	3.00	3.00 - 3.50	3.55 - 4.20	> 4.20
Cummins	Q102905	A029S553			< 1.25	1.25	1.25 - 1.75	1.80 - 2.25	> 2.25
Cummins	Q617723		Y		< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	Q617785		Y		< 1.25	1.25	1.25 - 1.75	1.80 - 2.25	> 2.25
Cummins	Q617786		Y		< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	Q617787				< 3.00	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Cummins	Q617788				< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q617937		Y		< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	Q617939		Y		< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	Q617940				< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q618059				< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Cummins	Q618117		Y		< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	Q618458				< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q618747				< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q618750				< 3.00	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00



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Cummins	Q619494		Y	< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	Q619495			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q619723		Y	< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	Q619725			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q620145			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q620723			< 1.75	1.75 w/gap	1.75 - 2.25	2.30 - 2.75	> 2.75
Cummins	Q620940	4965055		< 2.10	2.10 w/gap	2.10 - 2.60	2.65 - 3.10	> 3.10
Cummins	Q621301	4965423	Y	< 0.80	0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621319	4965304	Y	< 0.80	0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621325			< 1.90	1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621328		Y	< 2.10	2.10	2.10 - 2.60	2.65 - 3.20	> 3.20
Cummins	Q621334			< 1.90	1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621371	4965286		< 2.50	2.5 w/gap	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q621376	4965227	Y	< 3.35	3.35	3.35 - 3.85	3.90 - 4.35	> 4.35
Cummins	Q621378	4965244		< 2.10	2.10 w/gap	2.10 - 2.60	2.65 - 3.10	> 3.10
Cummins	Q621386	4965287		< 3.30	3.30 w/gap	3.30 - 3.80	3.85 - 4.30	> 4.30
Cummins	Q621402	4965224	Y	< 2.25	2.25 w/gap	2.25 - 2.75	2.80 - 3.25	> 3.25
Cummins	Q621404	4965225	Y	< 0.80	0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621414			< 1.90	1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621417		Y	< 0.80	0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621418		Y	< 2.00	2.00	2.00 - 2.50	2.55 - 3.10	> 3.10
Cummins	Q621421		Y	< 0.80	0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621430		Y	< 0.80	0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621560	4965392	Y	< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q621936	4969701		< 1.90	1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621937	4969702		< 1.90	1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621938	4969703	Y	< 2.10	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Cummins	Q622369			< 1.90	1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q623804	4969838		< 2.25	2.25 w/gap	2.25 - 2.75	2.80 - 3.25	> 3.25
Cummins	Q623875	4969846	Y	< 0.80	0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
DCL	3000-DQ-5C57-21			< 4.50	4.50	4.50 - 5.00	5.05 - 5.50	> 5.50
DCL	4000-DQ-5C55-21			< 4.00	4.00	4.00 - 4.50	4.55 - 5.00	> 5.00
DCL	4000-DQ-5C57-21			< 4.00	4.00	4.00 - 4.50	4.55 - 5.00	> 5.00
DCL	4000-FF-5S57-21	(Combo)		< 4.70	4.70	4.70 - 5.20	5.25 - 5.70	> 5.70
DCL	5000-DX-5C51-21			< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
DCL	5215-SA-5C51-21			< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
DCL	5500-DX-5C51-21			< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
DCL	6000-DX-5C51-21			< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
DCL	6125-FF-5S56-11			< 1.75	1.75	1.75 - 2.25	2.30 - 2.75	> 2.75
DCL	95E5-SA-5C57-21			< 4.50	4.50	4.50 - 5.00	5.05 - 5.50	> 5.50
DCL	RDJ6-FF-5S57-21	(Trap only)		< 4.70	4.70	4.70 - 5.20	5.25 - 5.70	> 5.70
DCL	RDJ6-FF-5S57-21		Y	< 1.75	1.75	1.75 - 2.25	2.30 - 2.75	> 2.75
DCL	RDJ6-FF-5S57-21	(Combo)		< 4.75	4.75	4.75 - 5.25	5.30 - 5.75	> 5.75
Detroit Diesel	23535826		Y	< 1.75	1.75	1.75 - 2.25	2.30 - 2.75	> 2.75
Detroit Diesel	23535827			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50



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Detroit Diesel	29278B			< 3.00	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Detroit Diesel	29278N			< 3.00	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Detroit Diesel	A680 490 1592		Y	< 2.70	2.70	2.70 - 3.20	3.25 - 3.75	> 3.75
Detroit Diesel	A680 491 0094		Y	< 3.00	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Detroit Diesel	A680 491 0294		Y	< 2.70	2.70	2.70 - 3.20	3.25 - 3.75	> 3.75
Detroit Diesel	A680 491 0594		Y	< 2.70	2.70	2.70 - 3.20	3.25 - 3.75	> 3.75
Donaldson	P226355-N3			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
ECS	SC23		Y	< 2.70	2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
EMD	82022894B	82022893-00		< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Englehard	B108-107			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	23532502			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	29410A			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	29410A		Y	< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Fleetguard/Nelson	29411A			< 3.00	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Fleetguard/Nelson	29411A		Y	< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Fleetguard/Nelson	29412A			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	29412A		Y	< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Fleetguard/Nelson	29866A			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	29972A			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	Q619296A	23534378	Y	< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Huss	FS100MKL		Y	< 2.40	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Huss	FS100MKM		Y	< 2.10	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
International	2593981C91			< 4.30	4.30	4.30 - 4.80	4.85 - 5.30	> 5.30
International	2594131C91			< 3.40	3.40	3.40 - 3.90	3.95 - 4.40	> 4.40
International	2594165C91			< 3.20	3.20	3.20 - 3.70	3.75 - 4.20	> 4.20
International	2594356C91			< 4.20	4.20	4.20 - 4.70	4.75 - 5.20	> 5.20
International	2594363C91			< 3.95	3.95	3.95 - 4.45	4.50 - 4.95	> 4.95
International	2594369C91			< 3.85	3.85	3.85 - 4.35	4.40 - 4.85	> 4.85
International	2595055C91			< 4.60	4.60	4.60 - 5.10	5.10 - 5.60	> 5.60
International	2596665C91	Q622369		< 1.90	1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
International	2601229C91	Q621944		< 1.80	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
International	2604430C91			< 2.90	2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
International	2604870C91			< 4.15	4.15	4.15 - 4.65	4.70 - 5.15	> 5.15
International	2604873C91			< 4.30	4.30	4.30 - 4.80	4.85 - 5.30	> 5.30
Isuzu	897608056			< 3.25	3.25	3.25 - 3.75	3.80 - 4.25	> 4.25
Isuzu	897608057			< 3.25	3.25	3.25 - 3.75	3.80 - 4.25	> 4.25
Johnson Matthey	9188M			< 2.90	2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
Johnson Matthey	9198M			< 2.50	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Johnson Matthey	9199M			< 1.90	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Johnson Matthey	9200KD			< 1.65	1.65	1.65 - 2.15	2.20 - 2.65	> 2.65
Johnson Matthey	94106MD		Y	< 1.50	1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Johnson Matthey	99106MD			< 2.55	2.55	2.55 - 3.05	3.10 - 3.55	> 3.55
Johnson Matthey	99120KD			< 2.15	2.15	2.15 - 2.65	2.70 - 3.15	> 3.15
Johnson Matthey	99124MD			< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Johnson Matthey	K99130KD			< 1.80	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80



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Mack	208 63 859	Q621325	< 2.60	2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
Mack	208 64 316	Q621418	< 1.85	1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Mack	208 64 558	Q621414	< 2.40	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Mack	210 48 577	2023111	< 2.55	2.55	2.55 - 3.05	3.10 - 3.55	> 3.55
Mack	212 12 426		< 2.10	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Mack	212 12 428		< 2.05	2.05	2.05 - 2.55	2.60 - 3.05	> 3.05
Mack	212 12 429		< 1.85	1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Mack	212 12 431		< 1.90	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Mack	213 95 825	85124613	< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Mack	214 71 269	85124653	< 1.90	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Nett	SN-1200-5,0		< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Nett	SN-1200CB		< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Paccar	5229B4598		< 2.30	2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
Paccar	5229B5345		< 2.30	2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
Paccar	5229B5645		< 2.30	2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
Paccar	5229B5646		< 2.30	2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
Paccar	A029S553	1827310	< 1.25	1.25	1.25 - 1.75	1.80 - 2.25	> 2.25
Paccar	A029S844	1827739	< 1.25	1.25	1.25 - 1.75	1.80 - 2.25	> 2.25
Paccar	P229704		< 2.30	2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
Paccar	P231067		< 2.30	2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
Volvo	208 63 859	Q621325	< 2.60	2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
Volvo	208 64 316	Q621418	< 1.85	1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Volvo	208 64 558	Q621414	< 2.40	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Volvo	210 48 577	2023111	< 2.55	2.55	2.55 - 3.05	3.10 - 3.55	> 3.55
Volvo	212 12 426		< 2.10	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Volvo	212 12 428		< 2.05	2.05	2.05 - 2.55	2.60 - 3.05	> 3.05
Volvo	212 12 429		< 1.85	1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Volvo	212 12 431		< 1.90	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Volvo	213 95 825	85124613	< 2.00	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Volvo	214 71 269	85124653	< 1.90	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Volvo / EminoX	211 245 10	EminoX WEBC 066	< 2.05	2.05	2.05 - 2.55	2.60 - 3.05	> 3.05
Volvo / EminoX	3183655	EminoX WE 12055	< 1.95	1.95	1.95 - 2.45	2.50 - 2.95	> 2.95
Volvo / Fleetguard	Q620731		< 2.25	2.25	2.25 - 2.75	2.80 - 3.25	> 3.25