



FSX Equipment, Inc.

DPF Baseline Chart As Measured on FSX TrapTester

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 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,
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FSX Target Pressure/Airflow Ranges

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 to evaluate filter recovery

Measure with dirty side up (flow arrow pointing down)

Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
Case New Holland	84413370				5.40	5.40 - 5.90	5.95 - 6.40	> 6.40
Caterpillar	260-7807				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Caterpillar	261-2318	2020917			2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
Caterpillar	264-1556	2021619			2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
Caterpillar	272-2425				2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
Caterpillar	283-7213				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	285-3365				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	290-0045				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	291-8513			Y	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Caterpillar	291-8514				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	291-8519				2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Caterpillar	291-8520				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	292-2944				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	299-3513				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	304-7502				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Caterpillar	304-7578				2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
Caterpillar	305-4565				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Caterpillar	358-3661			Y	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Caterpillar	358-3668			Y	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Caterpillar	390-0643			Y	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Caterpillar	390-0659			Y	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Caterpillar	390-0663			Y	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Caterpillar	390-0673			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Clariant	27981428125			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Clariant	27981528125			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Clariant	29233728125			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Cleaire/ESW	All Retrofit Part Numbers	ESW Provided Measurements		Y	2.60	2.60 - 3.60	3.70 - 4.90	> 5.00
Cummins	2078587X			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Cummins	3384051X				1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Cummins	A029C893	2880168		Y	2.00 w/gap	2.00 - 2.50	2.55 - 3.00	> 3.00
Cummins	A029S553	Q102905			1.25	1.25 - 1.75	1.80 - 2.25	> 2.25



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FSX Target Pressure/Airflow Ranges

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Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
Cummins	A030F543	5283128			3.10	3.10 - 3.60	3.65 - 4.10	> 4.10
Cummins	A030K896	5273093		Y	1.40	1.40 - 1.90	1.95 - 2.40	> 2.40
Cummins	A030R326	2888190		Y	3.10	3.10 - 3.60	3.65 - 4.10	> 4.10
Cummins	A034X191	5283669			1.30	1.30 - 1.80	1.85 - 2.30	> 2.30
Cummins	A034X329	5283778			1.40	1.40 - 1.90	1.95 - 2.40	> 2.40
Cummins	A034X344	5283799			1.60	1.60 - 2.10	2.15 - 2.60	> 2.60
Cummins	A040K550				1.10 w/gap	1.10 - 1.60	1.65 - 2.10	> 2.10
Cummins	A040M135	5295603	Use a 9.5 ring		3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Cummins	A040M139	5295605	Use a 11 inch ring	Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
Cummins	A040M143	5295604			1.20 w/gap	1.20 - 1.70	1.75 - 2.20	> 2.20
Cummins	A041D442	5295607	Use a 9.5 ring on top of a 10 ring	Y	2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
Cummins	A041D445	5295606	DO NOT plug sensor ports	Y	1.60 w/gaps	1.60 - 2.10	2.10 - 2.60	> 2.60
Cummins	A041D448	5295609			1.10 w/gap	1.10 - 1.60	1.65 - 2.10	> 2.10
Cummins	A041D452	1906311			1.10 w/gap	1.10 - 1.60	1.65 - 2.10	> 2.10
Cummins	A041L187	5297522		Y	1.40	1.40 - 1.90	1.95 - 2.40	> 2.40
Cummins	A041M783	5297990		Y	1.70 w/gap	1.70 - 2.20	2.25 - 2.70	> 2.70
Cummins	A041M795	5297989		Y	1.60	1.60 - 2.10	2.15 - 2.60	> 2.60
Cummins	A041T202	21850658		Y	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	A041U457	5304873			2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Cummins	A042L911	5302645		Y	3.40	3.40 - 3.90	3.95 - 4.40	> 4.40
Cummins	A042L920	5302646		Y	2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
Cummins	A042N741	21851879		Y	1.60	1.60 - 2.10	2.15 - 2.60	2.60
Cummins	A043X536	2510616C91	Use a 12.5 ring on top of a 13.5 ring	Y	1.30	1.30 - 1.80	1.85 - 2.30	> 2.30
Cummins	A045G339	2513396C1		Y	1.40	1.40 - 1.90	1.95 - 2.40	> 2.40
Cummins	A046F194	4352989		Y	1.20	1.20 - 1.70	1.75 - 2.20	> 2.20
Cummins	A047B789	4352923		Y	1.30	1.30 - 1.80	1.85 - 2.30	> 2.30
Cummins	A047B793	4352920		Y	1.30	1.30 - 1.80	1.85 - 2.30	> 2.30
Cummins	A051G270	4388409		Y	1.70	1.70 - 2.20	2.25 - 2.70	> 2.70
Cummins	A054M203	4394227/2072898X		Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Cummins	A054M210	4394228		Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
Cummins	A054M210	4394228		Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20



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Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
Cummins	A054T626				1.65	1.65 - 2.15	2.2 - 2.65	> 2.65
Cummins	A055B953	4394577			1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Cummins	A055B959	4394579		Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
Cummins	A055B965	4394580			1.80	1.80 - 2.30	2.30 - 2.80	> 2.80
Cummins	A055F100	2516807C91			1.50 w/gap	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	A055H506	2131533			1.65	1.65 - 2.15	2.20 - 2.65	> 2.65
Cummins	A055L670	2131896		Y	1.65	1.65 - 2.15	2.20 - 2.65	> 2.65
Cummins	A055S838	2134929			1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Cummins	A055T677	4394979			1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Cummins	A056D470	4395139			2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Cummins	A056Y231	2064075X		Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Cummins	A059P098	5418493			1.70	1.70 - 2.20	2.20 - 2.70	> 2.70
Cummins	A059P100	2191860			1.70	1.70 - 2.20	2.20 - 2.70	> 2.70
Cummins	A064F954	5509714			1.70	1.70 - 2.20	2.20 - 2.70	> 2.70
Cummins	Q617787				3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Cummins	Q617788				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q617940				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q618059				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Cummins	Q618458				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q618747				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q618750				3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Cummins	Q619495				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q619725				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q620145				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q620723				1.75 w/gap	1.75 - 2.25	2.30 - 2.75	> 2.75
Cummins	Q620940	4965055			2.10 w/gap	2.10 - 2.60	2.65 - 3.10	> 3.10
Cummins	Q621328	20864127		Y	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Cummins	Q621334				1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621371	4965286			2.5 w/gap	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q621376	4965227		Y	3.35	3.35 - 3.85	3.90 - 4.35	> 4.35
Cummins	Q621378	4965244			2.10 w/gap	2.10 - 2.60	2.65 - 3.10	> 3.10



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Cummins	Q621386	4965287			3.30	3.30 - 3.80	3.85 - 4.30	> 4.30
Cummins	Q621402	4965224		Y	2.25 w/gap	2.25 - 2.75	2.80 - 3.25	> 3.25
Cummins	Q621404	4965225			0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621414				1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621417				0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621418	20846316		Y	1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Cummins	Q621421				0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621430				0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q621560	4965392		Y	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Cummins	Q621936	4969701			1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621937	4969702			1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q621938	4969703		Y	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Cummins	Q622289		Use a 10 inch ring	Y	2.80	2.80 - 3.30	3.35 - 3.80	> 3.80
Cummins	Q622329			Y	2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
Cummins	Q622369				1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q623804	4969838			2.40 w/gap	2.40 - 2.90	2.95 - 3.40	> 3.40
Cummins	Q623875	4969846			0.80	0.80 - 1.30	1.35 - 2.00	> 2.00
Cummins	Q629355	2871461		Y	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Cummins	Q629356	2871462			3.30	3.30 - 3.80	3.85 - 4.30	> 4.30
Cummins	Q629361	2871459		Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Cummins	Q629362	2871463			1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
Cummins	Q629458	2871578	plug sensor ports for test		1.30	1.30 - 1.80	1.85 - 2.30	> 2.30
Cummins	Q629477	2871581			1.25 w/gap	1.25 - 1.75	1.80 - 2.25	> 2.25
DCL	3000-DQ-5C57-21				4.50	4.50 - 5.00	5.05 - 5.50	> 5.50
DCL	4000-DQ-5C55-21				4.00	4.00 - 4.50	4.55 - 5.00	> 5.00
DCL	4000-DQ-5C57-21				4.00	4.00 - 4.50	4.55 - 5.00	> 5.00
DCL	4000-FF-5S57-21		(Combo)		4.70	4.70 - 5.20	5.25 - 5.70	> 5.70
DCL	5000-DX-5C51-21				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
DCL	5215-SA-5C51-21				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
DCL	5500-DX-5C51-21				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
DCL	6000-DX-5C51-21				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00



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Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
DCL	6125-FF-5S56-11				1.75	1.75 - 2.25	2.30 - 2.75	> 2.75
DCL	95E5-SA-5C57-21				4.50	4.50 - 5.00	5.05 - 5.50	> 5.50
DCL	RDJ6-FF-5S57-21		(Combo)		4.75	4.75 - 5.25	5.30 - 5.75	> 5.75
DCL	RDJ6-FF-5S57-21		(Trap only)		4.70	4.70 - 5.20	5.25 - 5.70	> 5.70
Detroit Diesel	23535826				1.75	1.75 - 2.25	2.30 - 2.75	> 2.75
Detroit Diesel	23535827				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Detroit Diesel	29278B				3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Detroit Diesel	29278N				3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Detroit Diesel	A0014903492			Y	2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
Detroit Diesel	A0014907692			Y	2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
Detroit Diesel	A0074908214				2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Detroit Diesel	A6804910094			Y	4.80	4.80 - 5.30	5.30 - 5.80	> 5.80
Detroit Diesel	A6804910294			Y	2.70	2.70 - 3.20	3.25 - 3.75	> 3.75
Detroit Diesel	A6804910394			Y	2.20	2.20 - 2.50	2.55 - 3.20	> 3.20
Detroit Diesel	A6804910494			Y	3.50	3.50 - 4.00	4.05 - 4.50	> 4.50
Detroit Diesel	A6804910594			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Detroit Diesel	A6804910794			Y	2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
Detroit Diesel	A6804910894			Y	2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
Detroit Diesel	A6804913494				2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
Detroit Diesel	A6804913594			Y	2.80	2.80 - 3.30	3.35 - 3.80	> 3.80
Detroit Diesel	A6804914194				2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
Detroit Diesel	A6804914894				3.50	3.50 - 4.00	4.00 - 4.50	> 4.50
Deutz	04602688			Y	3.20	3.20 - 3.70	3.70 - 4.20	> 4.20
Deutz	04602694			Y	2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
Deutz	04604636			Y	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Dinex Aftermarket	58007		Use 9.5 inch ring		2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
Dinex Aftermarket	82010				1.55	1.55 - 2.05	2.10 - 2.55	> 2.55
Donaldson	232172			Y	2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
Donaldson	P226355				2.95	2.95 - 3.50	3.55 - 4.00	> 4.00
Donaldson	P226355-N3				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Doosan	240103-00362	11-0301		Y	2.60	2.60 - 3.10	3.15 - 3.60	> 3.60



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ECS / CDTI	EGR DCS34			Y	3.20	3.20 - 3.70	3.75 - 4.20	> 4.20
ECS / CDTI	SC13, SCP13M, & EGR PCS13				3.80	3.80 - 4.30	4.35 - 4.80	> 4.80
ECS / CDTI	SC17, SCP17M, & EGR PCS17				3.20	3.20 - 3.70	3.75 - 4.20	> 4.20
ECS / CDTI	SC20 & SCP20M				3.10	3.10 - 3.60	3.65 - 4.10	> 4.10
ECS / CDTI	SC23, SCP23M, & EGR PC23				2.80	2.80 - 3.30	3.35 - 3.80	> 3.80
ECS / CDTI	SC28, SCP28M, & EGR PC28				2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
ECS / CDTI	SC35, SCP35M, & EGR PC35				2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
ECS / CDTI	SC43				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
EMD	82022894B	82022893-00			2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Engelhard	B108-107				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
ESW/Cleaire	All Retrofit Part Numbers	ESW provided measurements		Y	2.60	2.60 - 3.60	3.70 - 4.90	> 5.00
Fleetguard/Nelson	23532502				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	29410A				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	29410A				1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Fleetguard/Nelson	29411A				1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Fleetguard/Nelson	29411A				3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Fleetguard/Nelson	29412A				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	29412A				1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Fleetguard/Nelson	29866A				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	29972A				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Fleetguard/Nelson	Q619296A	23534378		Y	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Ford	All 07-09 6.4L		Use a 7.5 ring. Place DPF bolt end up		5.00	5.00 - 5.50	5.55 - 6.00	> 6.00
Hino	1804078090			Y	3.60	3.60 - 4.10	4.15 - 4.60	> 4.60
Hino	S1805E0270		DPF/DOC Combo		4.20	4.20 - 4.70	4.75 - 5.20	> 5.20
Hino	S1805E068				2.05	2.05 - 2.55	2.60 - 3.05	> 3.05
Hino	S1805E069			Y	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Hino	S1805E0B5			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Hino	S1805E0C4				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Hino	S1850E0270		DPF/DOC Combo - 4 cylinder	Y	5.00	5.00 - 5.50	5.55 - 6.00	> 6.00
Hino	S1850E0281		DPF/DOC Combo - 6 cylinder	Y	4.20	4.20 - 4.70	4.75 - 5.20	> 5.20
Hino	S1850E0741			Y	2.80	2.80 - 3.30	3.35 - 3.80	> 3.80



FSX Equipment, Inc.

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FSX Target Pressure/Airflow Ranges
Use these target ranges in conjunction with the other inspection & testing methods described in your FSX Owner's manual to evaluate filter recovery

Measure with dirty side up (flow arrow pointing down)

Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
Hug	R26		Call FSX for Custom Bake Program	Y	2.80	2.40 - 3.30	3.35 - 3.80	> 3.80
Hug	R32		Call FSX for Custom Bake Program	Y	2.10	1.90 - 2.60	2.65 - 3.10	> 3.10
Hug	R40		Call FSX for Custom Bake Program	Y	1.80	1.60 - 2.30	2.35 - 2.80	> 2.80
Huss	30022007				4.50	4.50 - 5.00	5.00 - 5.50	> 5.50
Huss	30044001				4.50	4.50 - 5.00	5.00 - 5.50	> 5.50
Huss	FS100MKL			Y	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Huss	FS100MKM			Y	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Huss	MK150				3.20	3.20 - 3.70	3.75 - 4.20	> 4.20
Huss	MK200				2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Huss	MK300				2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
Huss	MK35				6.00	6.00 - 6.50	6.50 - 7.00	> 7.00
Huss	MK50				5.00	5.00 - 5.50	5.55 - 6.00	> 6.00
International	2510616C91	A043X536	Use a 12.5 ring on top of a 13.5 ring	Y	1.30	1.30 - 1.80	1.85 - 2.30	> 2.30
International	2511209C91			Y	1.20	1.20 - 1.70	1.75 - 2.20	2.20
International	2516807C91	A055F100			1.50 w/gap	1.50 - 2.00	2.05 - 2.50	> 2.50
International	2593981C91				4.30	4.30 - 4.80	4.85 - 5.30	> 5.30
International	2594131C91				3.40	3.40 - 3.90	3.95 - 4.40	> 4.40
International	2594165C91				3.20	3.20 - 3.70	3.75 - 4.20	> 4.20
International	2594356C91				4.20	4.20 - 4.70	4.75 - 5.20	> 5.20
International	2594363C91				3.95	3.95 - 4.45	4.50 - 4.95	> 4.95
International	2594369C91				3.85	3.85 - 4.35	4.40 - 4.85	> 4.85
International	2595055C91				4.60	4.60 - 5.10	5.10 - 5.60	> 5.60
International	2596665C91	Q622369			1.90 w/gap	1.90 - 2.40	2.45 - 2.90	> 2.90
International	2601229C91	Q621944			1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
International	2603961C91				2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
International	2604043C91	2604828C91			2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
International	2604046C91				2.35	2.35 - 2.85	2.85 - 3.35	> 3.35
International	2604430C91				2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
International	2604823C91	3859549C93		Y	2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
International	2604823C91	2603961C91			2.30	2.30 - 2.80	2.85 - 3.30	> 3.30
International	2604828C91	2604043C91			2.30	2.30 - 2.80	2.85 - 3.30	> 3.30



FSX Equipment, Inc.

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FSX Target Pressure/Airflow Ranges

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Measure with dirty side up (flow arrow pointing down)

Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
International	2604830C91	3859691C94		Y	2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
International	2604830C91	2604046C91			2.35	2.35 - 2.85	2.90 - 3.35	> 3.35
International	2604870C91	82002756			4.15	4.15 - 4.65	4.70 - 5.15	> 5.15
International	2604873C91				4.30	4.30 - 4.80	4.85 - 5.30	> 5.30
International	2605837C91				3.25	3.25 - 3.75	3.80 - 4.25	> 4.25
International	2608438C91	2606157C91			2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
International	2609066C91		Set DPF inside TrapTester hole		4.85	4.85 - 5.35	5.40 - 5.85	> 5.85
International	2611475C91			Y	4.15	4.15 - 4.65	4.70 - 5.15	> 5.15
International	2611630C91	82073162		Y	3.80	3.80 - 4.30	4.35 - 4.80	> 4.80
International	2612517C91			Y	2.80	2.80 - 3.30	3.35 - 3.80	> 3.80
International	2612521C91	82073122		Y	2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
Isuzu	897608056				3.25	3.25 - 3.75	3.80 - 4.25	> 4.25
Isuzu	897608057				3.25	3.25 - 3.75	3.80 - 4.25	> 4.25
Isuzu	898136183			Y	3.90	3.90 - 4.40	4.45 - 4.90	> 4.90
Isuzu	898147066			Y	4.30	4.30 - 4.80	4.85 - 5.30	> 5.30
Isuzu	898152422			Y	3.10	3.10 - 3.60	3.65 - 4.10	> 4.10
Isuzu	898152557				2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
Isuzu	898155142				3.40	3.40 - 3.90	3.95 - 4.40	> 4.40
Isuzu	898185386				4.10	4.10 - 4.60	4.65 - 5.10	> 5.10
Isuzu	898205061				4.20	4.20 - 4.70	4.70 - 5.20	> 5.20
Isuzu	898248360			Y	2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
Isuzu	898287808			Y	3.40	3.40 - 3.90	3.95 - 4.40	> 4.40
Isuzu Link-Belt (LBX)	898152557-2				2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
Isuzu Link-Belt (LBX)	898152562-0	897608056-0			3.30	3.30 - 3.80	3.85 - 4.30	> 4.30
Isuzu Link-Belt (LBX)	898185386-2				4.10	4.10 - 4.60	4.65 - 5.10	> 5.10
John Deere	RE541179			Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
John Deere	RE541180			Y	1.60	1.60 - 2.10	2.15 - 2.60	> 2.60
John Deere	RE541181			Y	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
John Deere	RE545852	RE120011153		Y	4.20	4.20 - 4.70	4.75 - 5.20	> 5.20
John Deere	RE551031			Y	3.20	3.20 - 3.70	3.75 - 4.20	> 4.20
John Deere	RE551148	RE551032		Y	3.30	3.30 - 3.80	3.85 - 4.30	> 4.30



FSX Equipment, Inc.

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FSX Target Pressure/Airflow Ranges
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Measure with dirty side up (flow arrow pointing down)

Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
John Deere	RE554651			Y	2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
John Deere	RE559541			Y	2.80	2.80 - 3.30	3.35 - 3.80	> 3.80
John Deere	RE560421			Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
John Deere	RE560442				1.40	1.40 - 1.90	1.90 - 2.40	> 2.40
John Deere	RE565681			Y	3.20	3.20 - 3.70	3.75 - 4.20	> 4.20
John Deere	RE566858			Y	3.60	3.60 - 4.10	4.15 - 4.60	> 4.60
John Deere	RE567689	82180949			4.20	4.20 - 4.70	4.75 - 5.20	> 5.20
John Deere	RE574212				2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Johnson Matthey	9188M				2.90	2.90 - 3.40	3.45 - 3.90	> 3.90
Johnson Matthey	9198M				2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Johnson Matthey	9199M				1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Johnson Matthey	9200KD				1.65	1.65 - 2.15	2.20 - 2.65	> 2.65
Johnson Matthey	94106MD				1.50	1.50 - 2.00	2.05 - 2.50	> 2.50
Johnson Matthey	99106MD				2.55	2.55 - 3.05	3.10 - 3.55	> 3.55
Johnson Matthey	99120KD				2.15	2.15 - 2.65	2.70 - 3.15	> 3.15
Johnson Matthey	99124MD				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Johnson Matthey	K99130KD				1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Kobelco	32K34-03010	3010		Y	5.20	5.20 - 5.70	5.75 - 6.20	> 6.20
Kobelco	32K34-03011			Y	5.20	5.20 - 5.70	5.75 - 6.20	> 6.20
Komatsu	N6524311010				3.10	3.10 - 3.60	3.60 - 4.10	> 4.10
Komatsu	N6526311010	3514944773		Y	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Kubota	129C01-16400-B0			Y	5.00	5.00 - 5.50	5.55 - 6.00	> 6.00
Kubota	1J451-18251			Y	4.80	4.80 - 5.30	5.35 - 5.80	> 5.80
Kubota	1J500-18252		Use FSX Kubota Oval Adapter Plate		4.70	4.70 - 5.20	5.20 - 5.70	> 5.70
Kubota	1J520-18252			Y	2.50	2.50 - 3.00	3.05 - 3.50	> 3.50
Kubota	1J770-18252			Y	4.80	4.80 - 5.30	5.35 - 5.80	> 5.80
Kubota	1J801-18251			Y	5.00	5.00 - 5.50	5.55 - 6.00	> 6.00
Kubota	1J802-18251			Y	5.20	5.20 - 5.70	5.75 - 6.20	> 6.20
Kubota	1J804-18251			Y	5.00	5.00 - 5.50	5.55 - 6.00	> 6.00
Liebherr	10130546			Y	2.90	2.90 - 3.40	3.45 - 3.90	3.90
Mack	20863859				2.60	2.60 - 3.10	3.15 - 3.60	> 3.60



FSX Equipment, Inc.

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FSX Target Pressure/Airflow Ranges

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 described in your FSX Owner's manual
 to evaluate filter recovery

Measure with dirty side up (flow arrow pointing down)

Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
Mack	20864316				1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Mack	20864558				2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Mack	21048577	2023111			2.55	2.55 - 3.05	3.10 - 3.55	> 3.55
Mack	21212426				2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Mack	21212428				2.05	2.05 - 2.55	2.60 - 3.05	> 3.05
Mack	21212429				1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Mack	21212431				1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Mack	21353482			Y	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Mack	21353489			Y	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Mack	21395825	85124613			2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Mack	21471269	85124653			1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Mack	21804785			Y	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Mack	21851879				1.60	1.60 - 2.10	2.15 - 2.60	> 2.60
Mack	22069507		Handles on outlet. Use 13.5 adaptor.		1.80	1.80 - 2.30	2.30 - 2.80	> 2.80
Mack	22342601			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Mack	22413832			Y	1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Mack	22810502			Y	1.75	1.75 - 2.25	2.30 - 2.75	> 2.75
Mack	22810503				1.80	1.80 - 2.30	2.30 - 2.80	> 2.80
Mitsubishi	ME 226350	7QG		Y	4.25	4.25 - 4.75	4.80 - 5.25	> 5.25
Mitsubishi	ME 228931			Y	4.50	4.50 - 5.00	5.05 - 5.50	> 5.50
Mitsubishi	ME 304313			Y	3.50	3.50 - 4.00	4.05 - 4.50	> 4.50
Nett	SN-1200-5,0				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Nett	SN-1200CB				2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
PACCAR	2088082X	A055H506		Y	1.65	1.65 - 2.15	2.15 - 2.65	> 2.65
PACCAR	A029C893	2880168		Y	2.00 w/gap	2.00 - 2.50	2.55 - 3.00	> 3.00
PACCAR	A029J952	2880281		Y	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
PACCAR	A029S553	1827310			1.25	1.25 - 1.75	1.80 - 2.25	> 2.25
PACCAR	A029S844	1827739			1.25	1.25 - 1.75	1.80 - 2.25	> 2.25
PACCAR	A034X191	5283669			1.30	1.30 - 1.80	1.85 - 2.30	> 2.30
PACCAR	A034X329	5283778			1.40	1.40 - 1.90	1.95 - 2.40	> 2.40
PACCAR	A034X344	5283799			1.60	1.60 - 2.10	2.15 - 2.60	> 2.60



FSX Equipment, Inc.

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FSX Target Pressure/Airflow Ranges
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Measure with dirty side up (flow arrow pointing down)

Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
PACCAR	A040M143	5295604			1.20 w/gap	1.20 - 1.70	1.75 - 2.20	> 2.20
PACCAR	A041D451	1900626		Y	1.10 w/gap	1.10 - 1.60	1.65 - 2.10	> 2.10
PACCAR	A041D452	1906311			1.10 w/gap	1.10 - 1.60	1.65 - 2.10	> 2.10
PACCAR	A041L187	5297522		Y	1.40	1.40 - 1.90	1.95 - 2.40	> 2.40
PACCAR	A055H506	2131533			1.65	1.65 - 2.15	2.20 - 2.65	> 2.65
Renault	7421716416			Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
Renault	7421716419			Y	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Renault	7421750157			Y	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Renault	7421794709			Y	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
UD	20110Z503E			Y	4.20	4.20 - 4.70	4.75 - 5.20	> 5.20
UD	21476400			Y	3.00	3.00 - 3.50	3.55 - 4.00	> 4.00
Volvo	20863859				2.60	2.60 - 3.10	3.15 - 3.60	> 3.60
Volvo	20864127	Q621328		Y	2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Volvo	20864316				1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Volvo	20864558				2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Volvo	21048577	2023111			2.55	2.55 - 3.05	3.10 - 3.55	> 3.55
Volvo	21212426				2.10	2.10 - 2.60	2.65 - 3.10	> 3.10
Volvo	21212428				2.05	2.05 - 2.55	2.60 - 3.05	> 3.05
Volvo	21212429				1.85	1.85 - 2.35	2.40 - 2.85	> 2.85
Volvo	21212431				1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Volvo	21353482			Y	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Volvo	21353489			Y	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Volvo	21395825	85124613			2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Volvo	21471269	85124653			1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Volvo	21695829			Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
Volvo	21695832			Y	1.80	1.80 - 2.30	2.35 - 2.80	> 2.80
Volvo	21716416		European	Y	2.20	2.20 - 2.70	2.75 - 3.20	> 3.20
Volvo	21716419		European	Y	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Volvo	21750157		European	Y	2.40	2.40 - 2.90	2.95 - 3.40	> 3.40
Volvo	21804785			Y	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90
Volvo	21850658	A041T202		Y	1.90	1.90 - 2.40	2.45 - 2.90	> 2.90



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FSX Target Pressure/Airflow Ranges
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Measure with dirty side up (flow arrow pointing down)

Manufacturer	Part No.	Alt Part No.	Notes	Customer Provided Baseline	Baseline	Green Tag Range	Orange Tag Range	Red Tag (if above)
Volvo	21851879	A042N741			1.60	1.60 - 2.10	2.15 - 2.60	> 2.60
Volvo	22413830			Y	1.75	1.75 - 2.25	2.30 - 2.75	> 2.75
Volvo	22776213			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Volvo	22810502			Y	1.75	1.75 - 2.25	2.30 - 2.75	> 2.75
Volvo	22810503				1.80	1.80 - 2.30	2.30 - 2.80	> 2.80
Volvo	22936980			Y	2.00	2.00 - 2.50	2.55 - 3.00	> 3.00
Volvo	23037748			Y	2.70	2.70 - 3.20	3.25 - 3.70	> 3.70
Volvo / Eminox	21124510	Eminox WEBC 066			2.05	2.05 - 2.55	2.60 - 3.05	> 3.05
Volvo / Eminox	3183655	Eminox WE 12055			1.95	1.95 - 2.45	2.50 - 2.95	> 2.95
Volvo / Fleetguard	Q620731				2.25	2.25 - 2.75	2.80 - 3.25	> 3.25
Yanmar	129978-16400-A0			Y	4.80	4.80 - 5.30	5.35 - 5.80	> 5.80
Yanmar	129A00-16400-D0			Y	5.00	5.00 - 5.50	5.55 - 6.00	> 6.00
Yanmar	129C01-16400-B0				5.00	5.00 - 5.50	5.55 - 6.00	> 6.00
Yanmar	129C01-16410-B0			Y	5.10	5.10 - 5.60	5.65 - 6.10	> 6.10
Yanmar	129E23-16400-B0			Y	4.80	4.80 - 5.30	5.35 - 5.80	> 5.80