Automotive & Powersports

THE FACTS ABOUT YOUR INTAKE & AIR

ISO 5011 Tested to Make Sure You Maximize Airflow While Still Protecting Your Engine.

Part Number: 75-5122, 75-5122D
Description: Performance Intake Kit & Filter
Vehicle Applications: 2018 Ford F-150 2.7L, 3.5L EcoBoost

Test Date: 12/15/16
Test Report #: 4, 6, 9

TECHNICAL BULLETIN

There is a lot of misinformation in the marketplace. S&B publishes specific test results for each of our intakes & filters as shown below, so you can make an informed decision. Remember, improving your airflow is only good if your engine is still protected. That's the S&B difference!

FACT: S&B Flows 43.10% Better than Stock
In tests performed in our climate controlled laboratory according to the ISO5011 Test Standard, S&B's intake kit (and filter) had significantly lower restriction (better airflow) than the stock intake system. See the graph on the next page.

WATCH OUT: Some competitors over state airflow.
If they state that their filter will flow, lets say 1000 cfm, without stating at what restriction level, they are trying to mislead you.

Description	% S&B Flowed Better than Stock (tested @ 541 cfm)
S&B Intake w/ Cleanable Filter	43.10%
S&B Intake w/ Dry Filter	36.69%

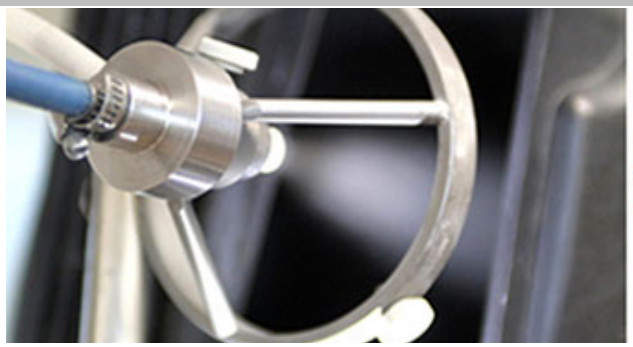
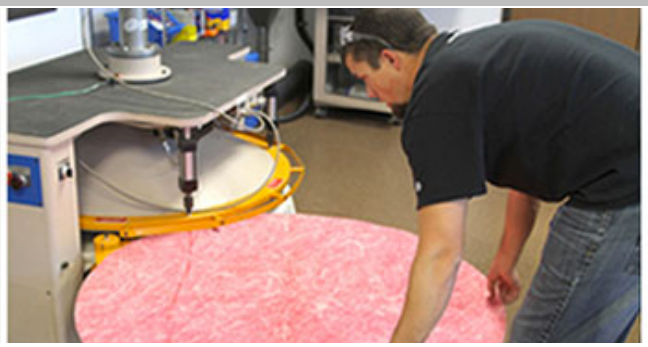
TEST CONDITIONS

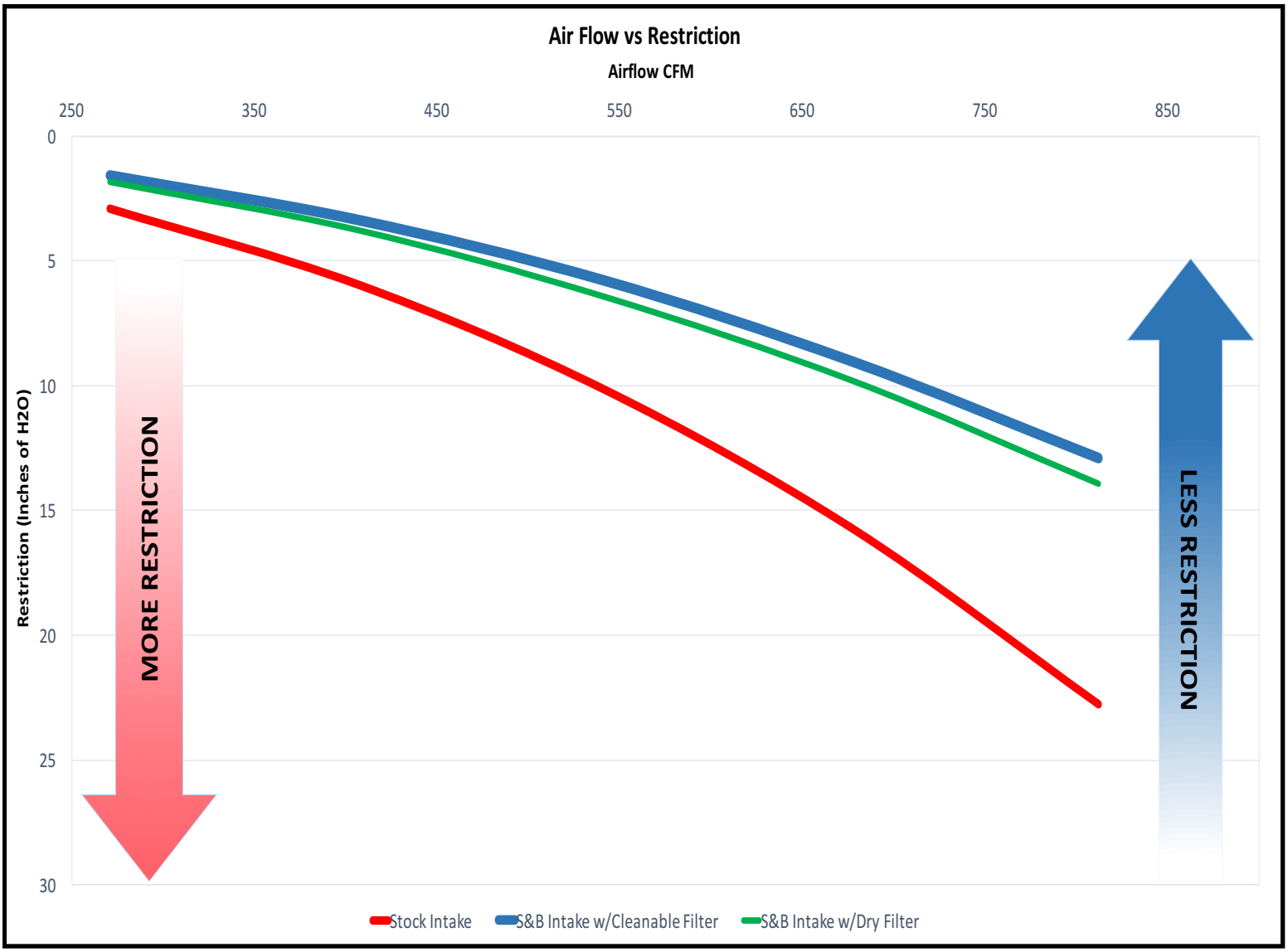
Barometric Pressure	28.98
Airflow Setpoint	541 cfm
Relative Humidity	50
Temperature	70.2F
Type of Dust	ISO Coarse
Batch #	13099C
Dust Feed Rate (grams/minute)	15.32

FACT: S&B Protects Your Engine
S&B tests at the highest rated CFM for your vehicle when determining the efficiency rate (amount of dust the filter stops), so that we can be sure that your engine will be protected.

Description	Efficiency Rate (tested @ 541 cfm)
Stock	99.69%
S&B Intake w/ Cleanable Filter	99.27%
S&B Intake w/ Dry Filter	99.69%

WATCH OUT: Some Competitors Use the Same Efficiency Rates for Multiple Part Numbers.
Many send one filter off to a lab to be tested at a low cfm and then publish this efficiency rate for all of their part numbers.

Air Filter Restriction Test Report

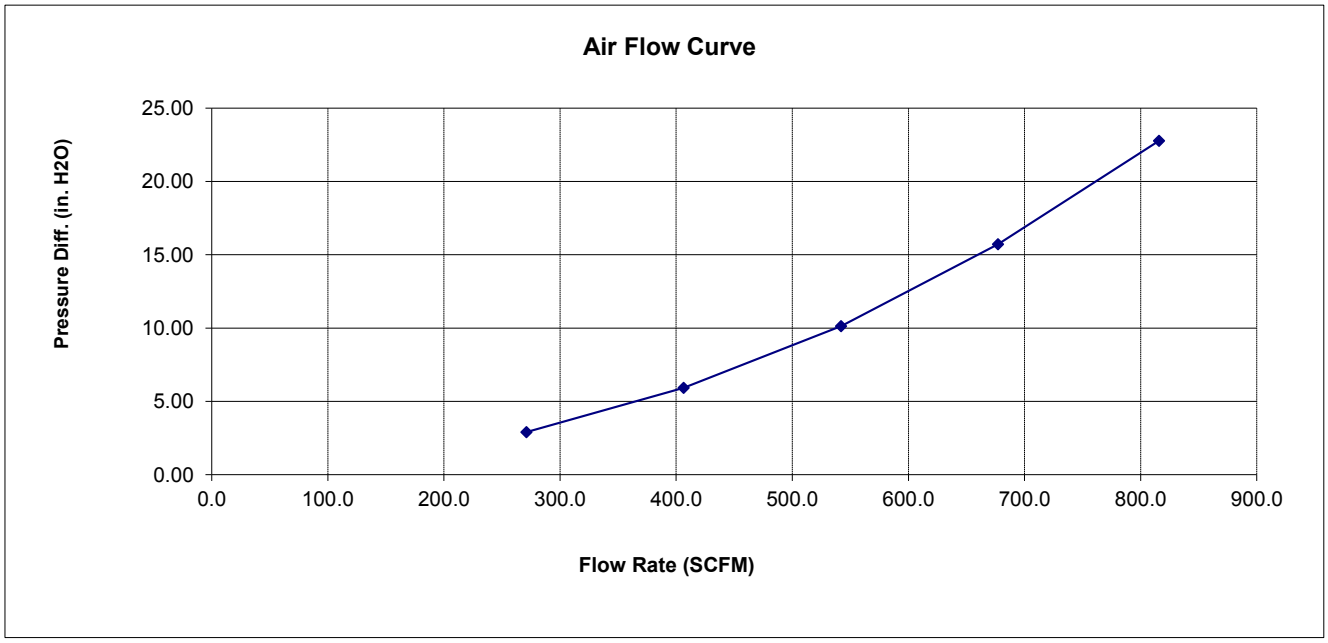
Test #: 416
Sample #: 4
Filter #: FA-1883
Housing #:
Date Code:

Operator: SD
Report Date: 12/15/2016
Filter Mfg.:
Housing Mfg.:

Test Description: STOCK INTAKE AND FILTER, NO CCV, PROTOTYPE INLET TUBES, FA-1883

Test Conditions

Barometric Pressure:	28.6882 in. Hg	**Relative Humidity:**	49 %
Air Flow Type:	SCFM	**Temperature:**	68 deg. F
Number of Pleats:		**Pleat Depth:**	in.
Flow Direction:			



Air Flow Curve Data

Flow Rate	Differential Pressure
271	2.91
407	5.93
542	10.14
677	15.72
816	22.78

Air Filter Restriction Test Report

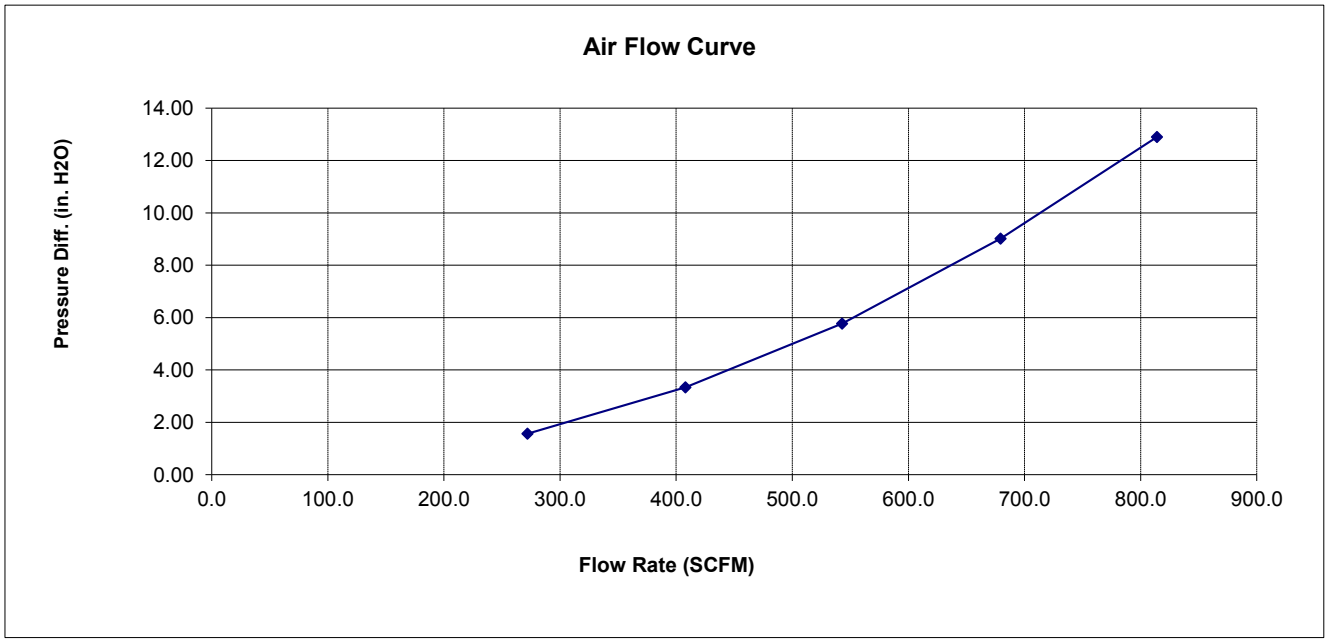
Test #: 416
Sample #: 6
Filter #: KF-1058
Housing #: 75-5122
Date Code:

Operator: SD
Report Date: 12/15/2016
Filter Mfg.:
Housing Mfg.:

Test Description: 75-5122 PRODUCTION KIT, NO CCV, LID ON, KF-1058

Test Conditions

Barometric Pressure:	28.88718 in. Hg	**Relative Humidity:**	47 %
Air Flow Type:	SCFM	**Temperature:**	69 deg. F
Number of Pleats:		**Pleat Depth:**	in.
Flow Direction:			



Air Flow Curve Data

Flow Rate	Differential Pressure
272	1.57
408	3.34
543	5.77
679	9.02
814	12.90

Air Filter Restriction Test Report

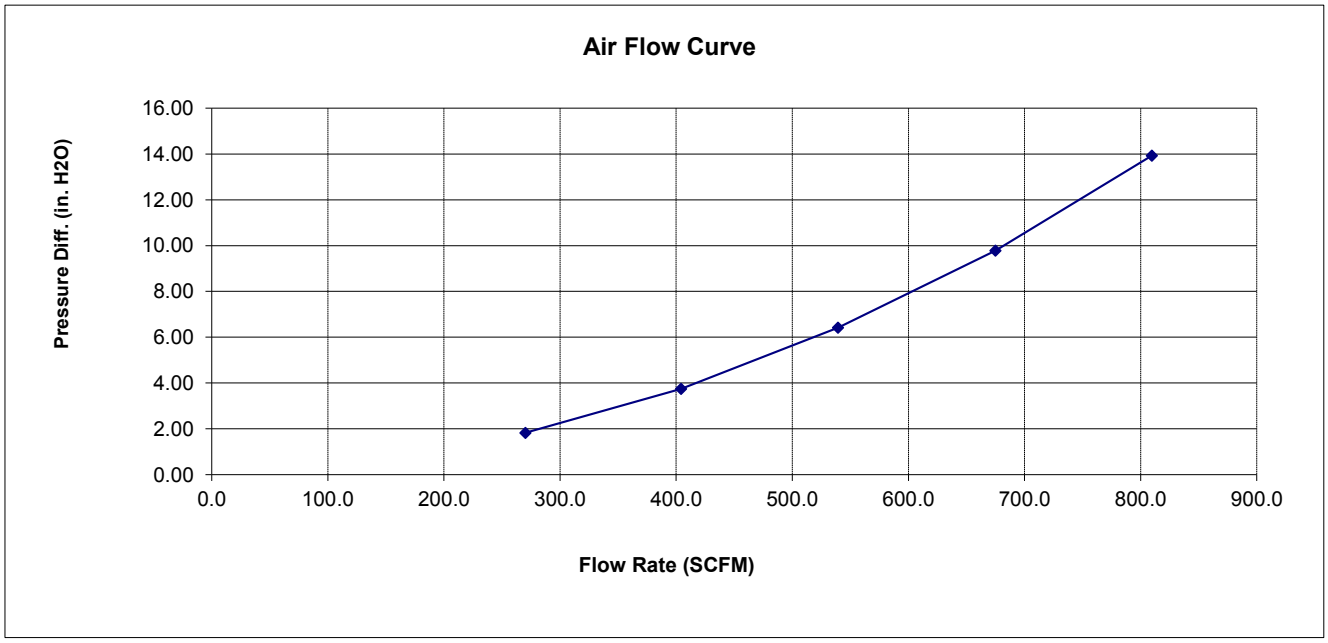
Test #: 416
Sample #: 9
Filter #: KF-1058D
Housing #: 75-5122
Date Code:

Operator: SD
Report Date: 12/15/2016
Filter Mfg.:
Housing Mfg.:

Test Description: 75-5122 PRODUCTION KIT, NO CCV, LID INSTALLED, KF-1058D

Test Conditions

Barometric Pressure:	28.87908 in. Hg	**Relative Humidity:**	49 %
Air Flow Type:	SCFM	**Temperature:**	69 deg. F
Number of Pleats:		**Pleat Depth:**	in.
Flow Direction:			



Air Flow Curve Data

Flow Rate	Differential Pressure
270	1.83
404	3.75
539	6.42
675	9.79
810	13.93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