



Automotive & Powersports **THE FACTS ABOUT YOUR INTAKE & AIR**

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

Part Number: 75-5067, 75-5067D
Description: Performance Intake Kit & Filter
Vehicle Applications: 2011-2014 Ford F-150 3.5L Ecoboost

Test Date: 06/23/2017
Test Report #: 1, 3, 5

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 28.23% 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	28.23%
S&B Intake w/ Dry Filter	25.12%

TEST CONDITIONS

Barometric Pressure	28.98
Airflow Setpoint	541 cfm
Relative Humidity	50
Temperature	70.2F
Type of Dust	ISO Coarse
Batch #	13240C
Dust Feed Rate (grams/minute)	15.32

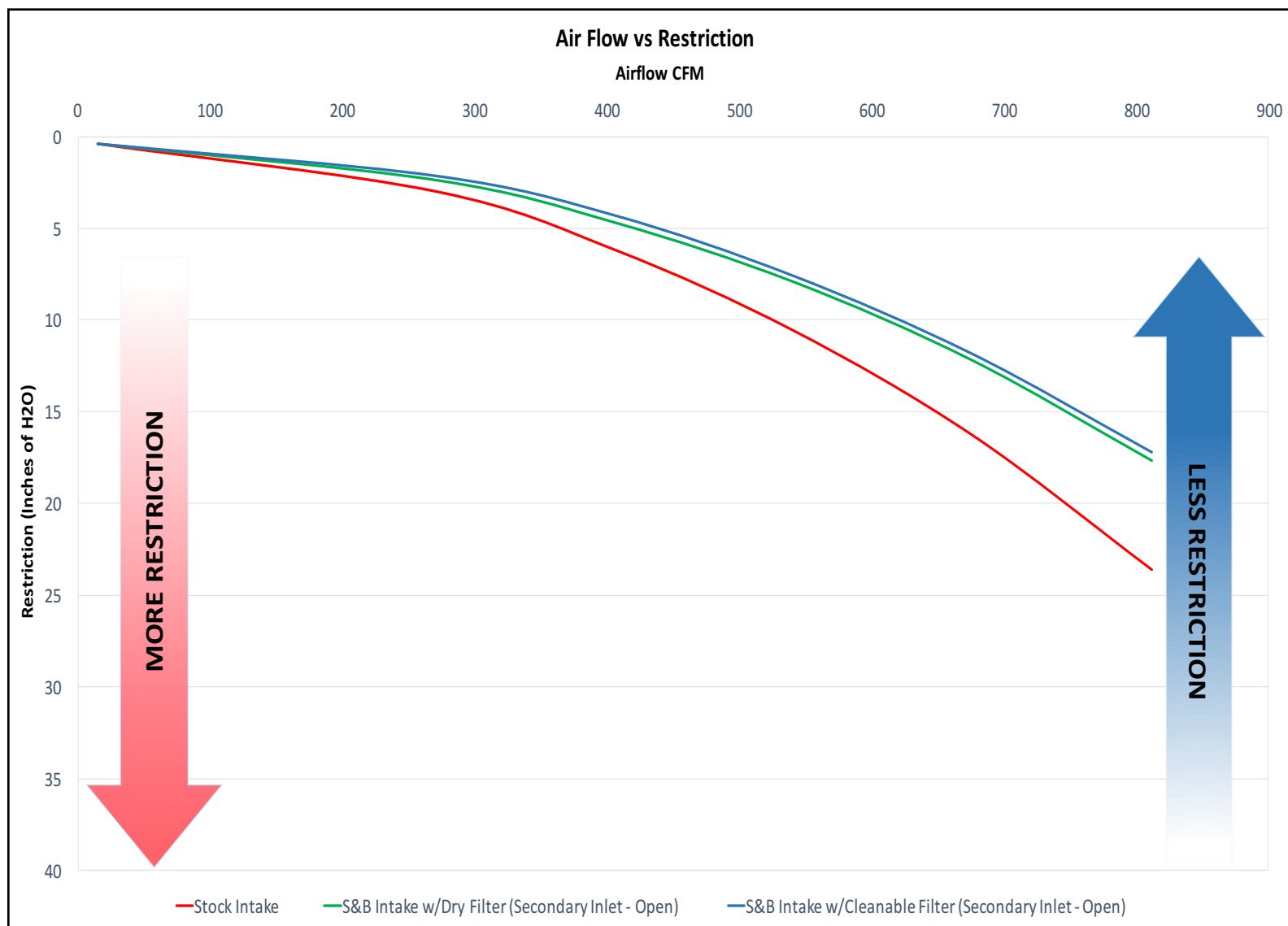
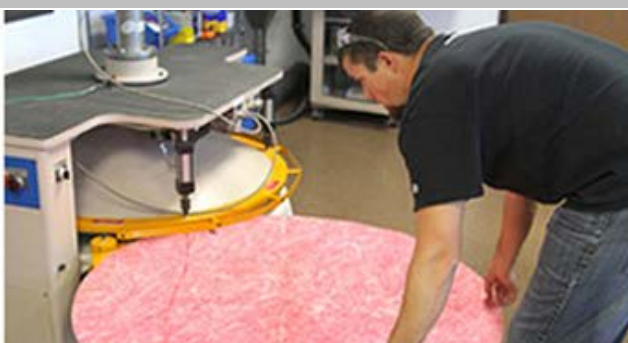
FACT: S&B Protects Your Engine

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	99.83%
S&B Intake w/ Cleanable Filter	99.29%
S&B Intake w/ Dry Filter	99.68%

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 #: 412
Sample #: 1
Filter #: FA-1883
Housing #:
Date Code:

Operator: SD
Report Date: 6/23/2017
Filter Mfg.:
Housing Mfg.:



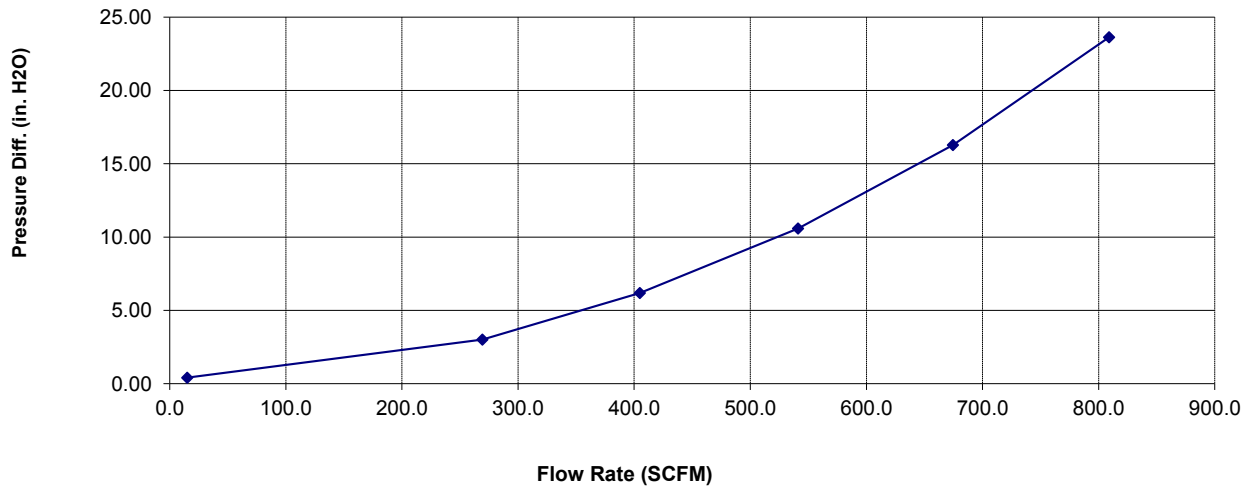
Test Description: STOCK INTAKE AND FILTER, NO SENSOR, NO CCV, STOCK INLET, FA-1883

Test Conditions

Barometric Pressure: 28.77169 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 48 %
Temperature: 67 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

Flow Rate	Differential Pressure
15	0.41
269	3.01
405	6.19
541	10.59
675	16.28
809	23.63

Air Filter Restriction Test Report

Test #: 412
Sample #: 3
Filter #: KF-1058
Housing #: 75-5067
Date Code:

Operator: SD
Report Date: 6/23/2017
Filter Mfg.:
Housing Mfg.:



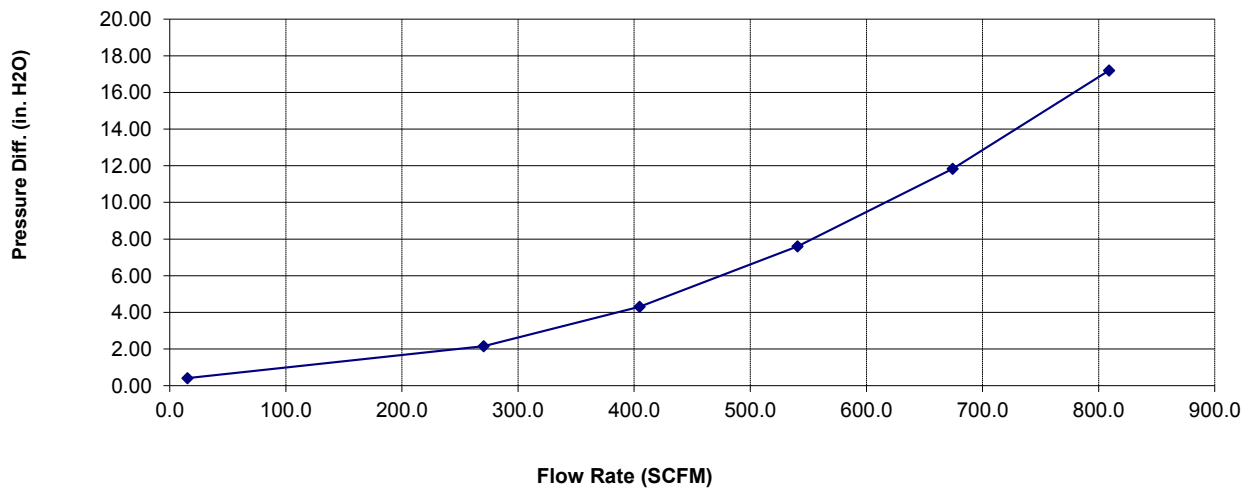
Test Description: 75-5067 PRODUCTION KIT, NO SENSOR, NO CCV, S&B INLET, KF-1058

Test Conditions

Barometric Pressure: 28.67417 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 48 %
Temperature: 68 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
15	0.41
271	2.16
405	4.31
541	7.60
674	11.84
809	17.20

Air Filter Restriction Test Report

Test #: 412
Sample #: 5
Filter #: KF-1058D
Housing #: 75-5067
Date Code:

Operator: SD
Report Date: 6/23/2017
Filter Mfg.:
Housing Mfg.:



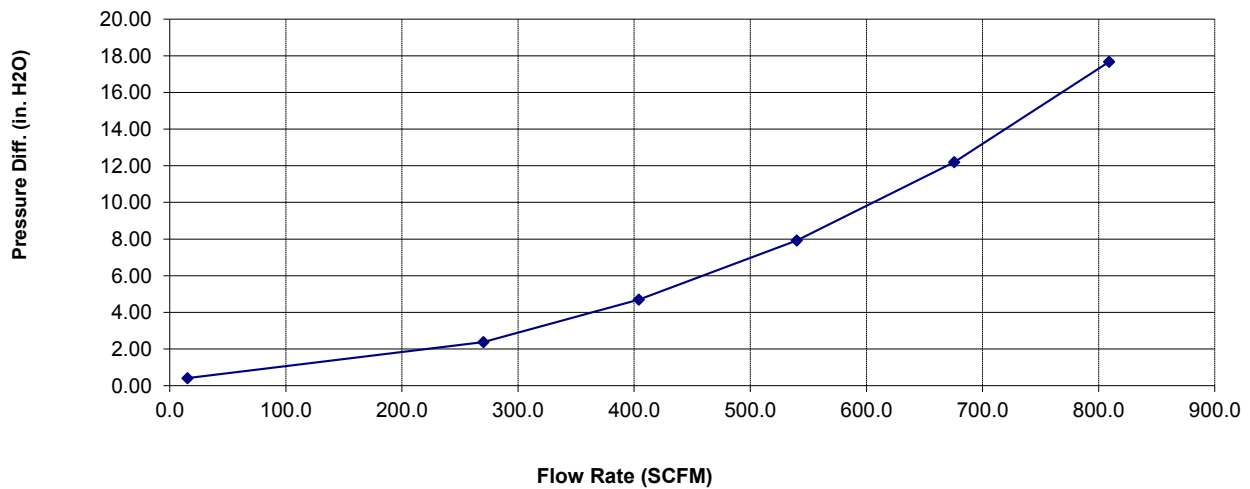
Test Description: 75-5067 PRODUCTION KIT, NO SENSOR, NO CCV, S&B INLET, KF-1058D

Test Conditions

Barometric Pressure: 28.65836 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 47 %
Temperature: 67 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

Flow Rate	Differential Pressure
15	0.41
270	2.39
404	4.70
540	7.93
676	12.20
809	17.67













