



Automotive & Powersports THE FACTS ABOUT YOUR INTAKE & AIR

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

Part Number: 75-5082, 75-5082D
Description: Performance Intake Kit & Filter
Vehicle Applications: 2015-2017 Nissan Titan Cummins 5.0L

Test Date: 11/09/16
Test Report #: 8, 9, 10, 11, 13, 14, 15, 16

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 27% 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 @ 494 cfm)
S&B Intake w/ Cleanable Filter (Plug Removed)	27.25%
S&B Intake w/ Cleanable Filter (Plug Installed)	26.44%
S&B Intake w/ Dry Filter (Plug Removed)	27.45%
S&B Intake w/ Dry Filter (Plug Installed)	25.02%

TEST CONDITIONS

Barometric Pressure	28.98
Airflow Setpoint	494 cfm
Relative Humidity	50
Temperature	70.2F
Type of Dust	ISO Coarse
Batch #	13099C
Dust Feed Rate (grams/minute)	13.99

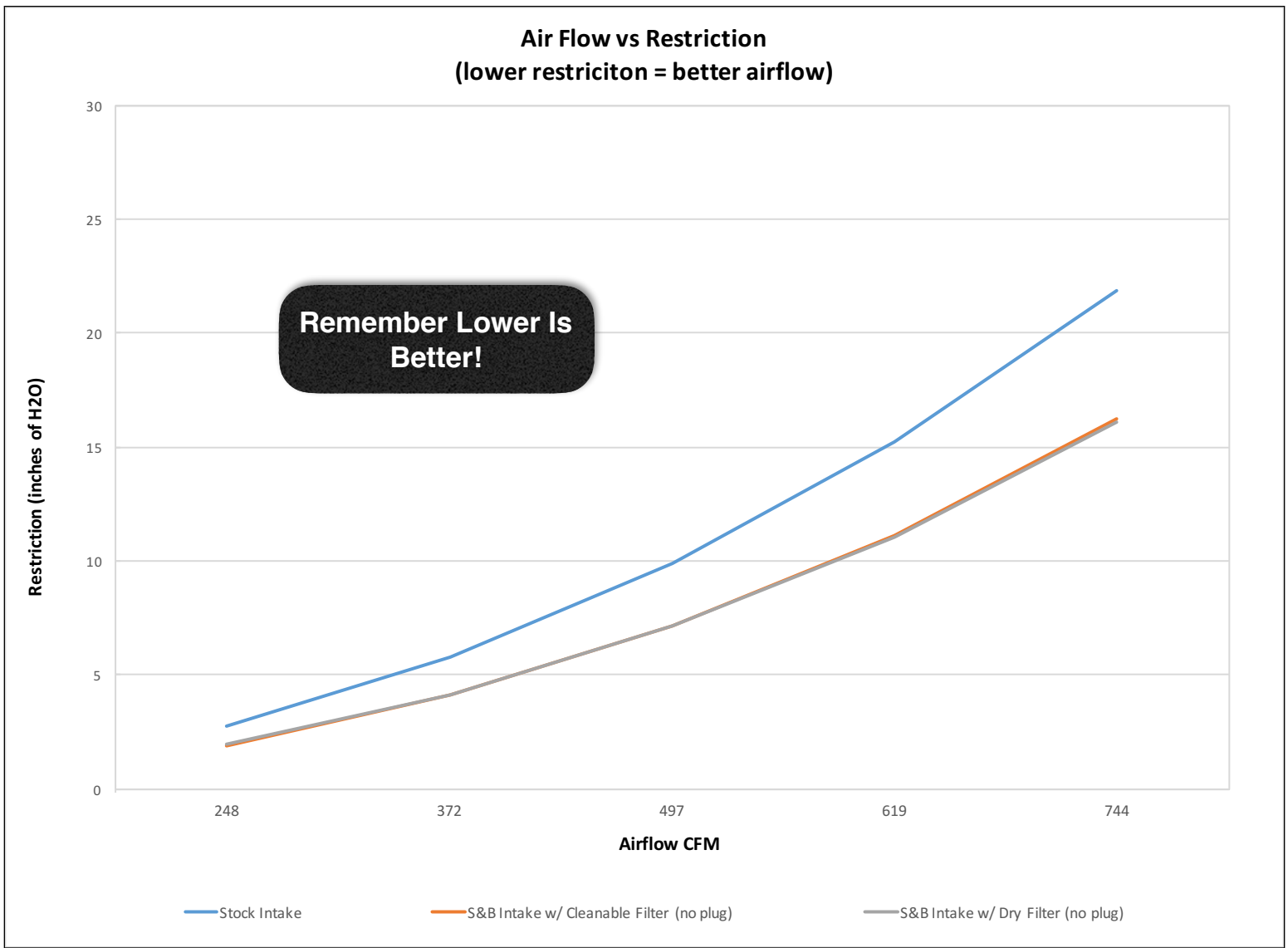
FACT: S&B Protects Your Engine

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 @ 494 cfm)
Stock	99.74%
S&B Intake w/ Cleanable Filter	99.29%
S&B Intake w/ Dry Filter	99.44%

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 #: 425
Sample #: 8
Filter #: 16546-EZ40A
Housing #:
Date Code:

Operator: SD
Report Date: 11/9/2016
Filter Mfg.:
Housing Mfg.:



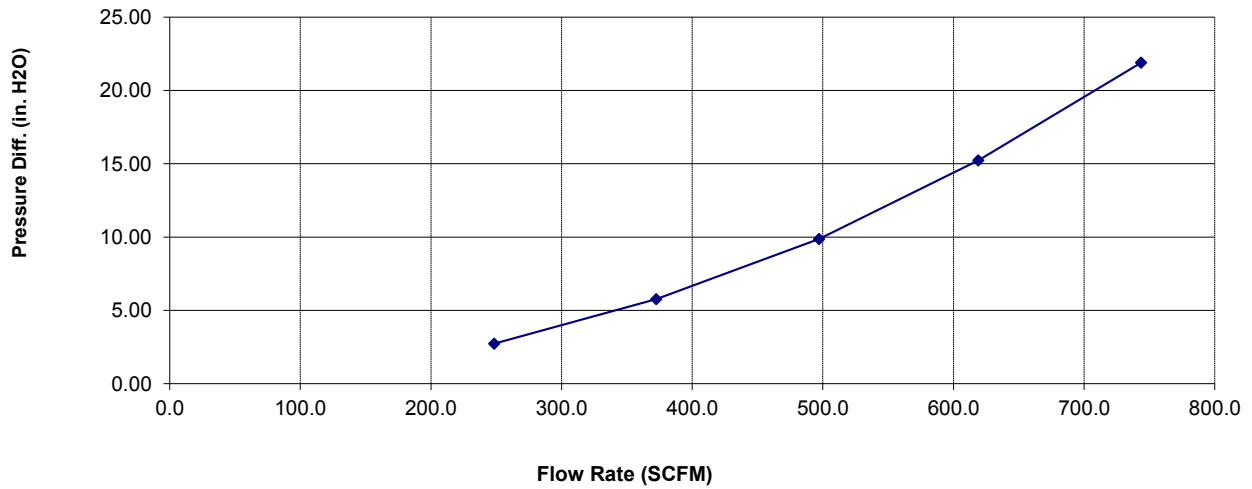
Test Description: STOCK INTAKE AND FILTER, SENSORS INSTALLED

Test Conditions

Barometric Pressure: 28.81798 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 49 %
Temperature: 68 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
248	2.73
372	5.76
497	9.87
619	15.24
744	21.90

Air Filter Restriction Test Report

Test #: 425
Sample #: 9
Filter #: KF-1063
Housing #: 75-5082
Date Code:

Operator: SD
Report Date: 11/9/2016
Filter Mfg.:
Housing Mfg.:



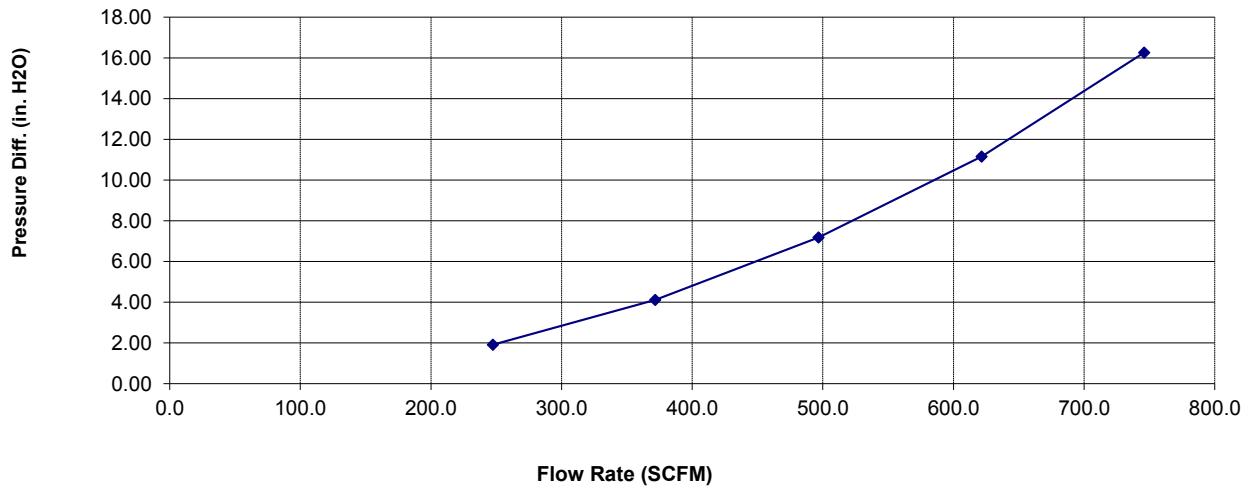
Test Description: 75-5082 Production Kit, Sensors installed, no plug

Test Conditions

Barometric Pressure: 28.81774 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 49 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
247	1.91
372	4.12
497	7.18
622	11.15
746	16.26

Air Filter Restriction Test Report

Test #: 425
Sample #: 11
Filter #: KF-1063
Housing #: 75-5082
Date Code:

Operator: SD
Report Date: 11/9/2016
Filter Mfg.:
Housing Mfg.:



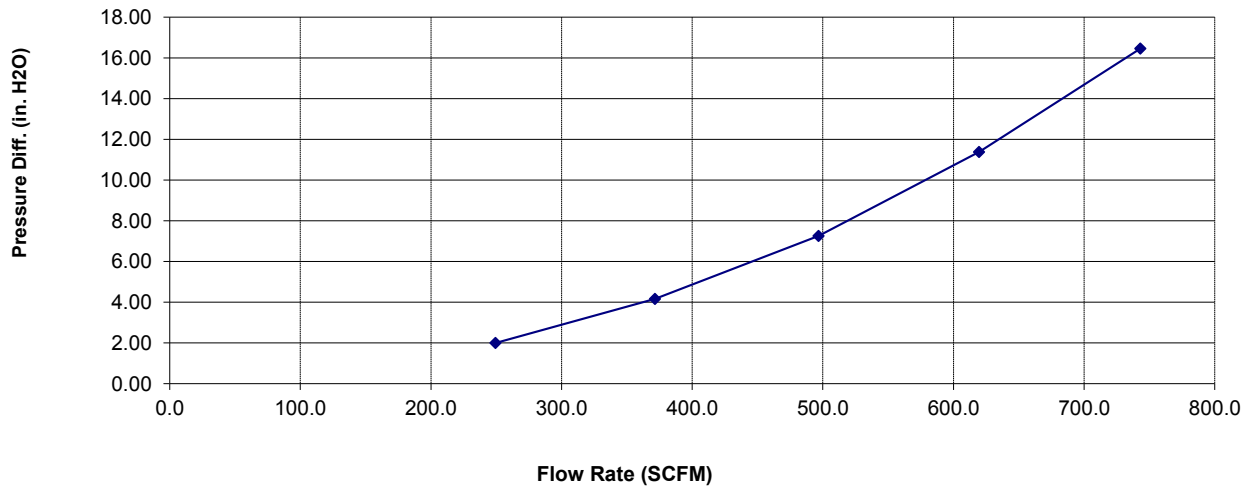
Test Description: 75-5082 PRODUCTION KIT, SENSORS INTALLED, PLUG IN, LID ON

Test Conditions

Barometric Pressure: 28.87232 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 55 %
Temperature: 70 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
249	2.00
372	4.16
497	7.26
620	11.38
743	16.46

Air Filter Restriction Test Report

Test #: 425
Sample #: 13
Filter #: KF-1063D
Housing #: 75-5082
Date Code:

Operator: SD
Report Date: 11/9/2016
Filter Mfg.:
Housing Mfg.:



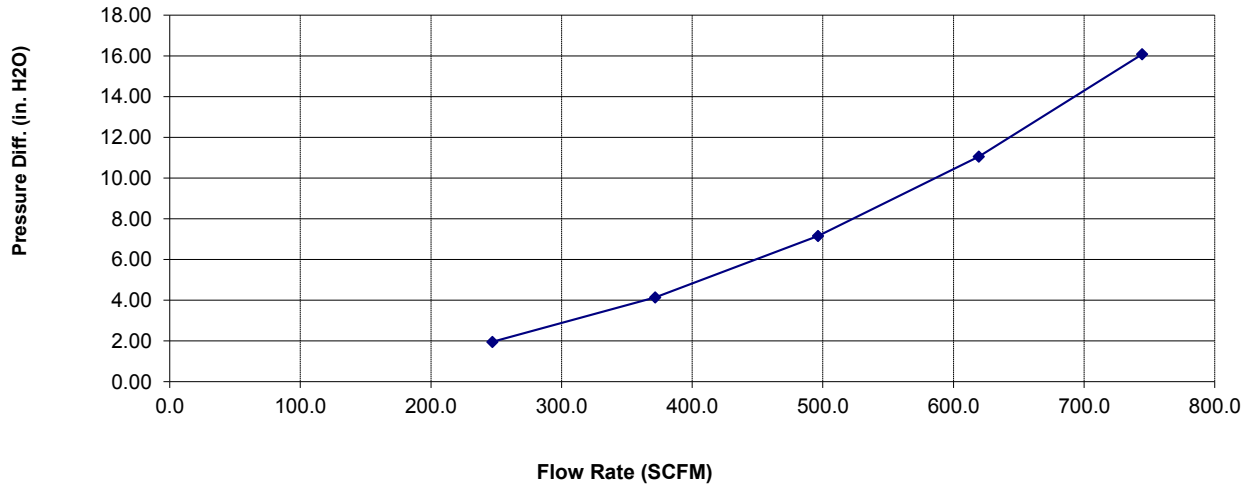
Test Description: 75-5082 PRODUCTION KIT, SENSORS INSTALLED, PLUG REMOVED, LID ON

Test Conditions

Barometric Pressure: 28.86619 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 53 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
247	1.96
372	4.14
496	7.16
620	11.06
744	16.08

Air Filter Restriction Test Report

Test #: 425
Sample #: 14
Filter #: KF-1063D
Housing #: 75-5082
Date Code:

Operator: SD
Report Date: 11/9/2016
Filter Mfg.:
Housing Mfg.:



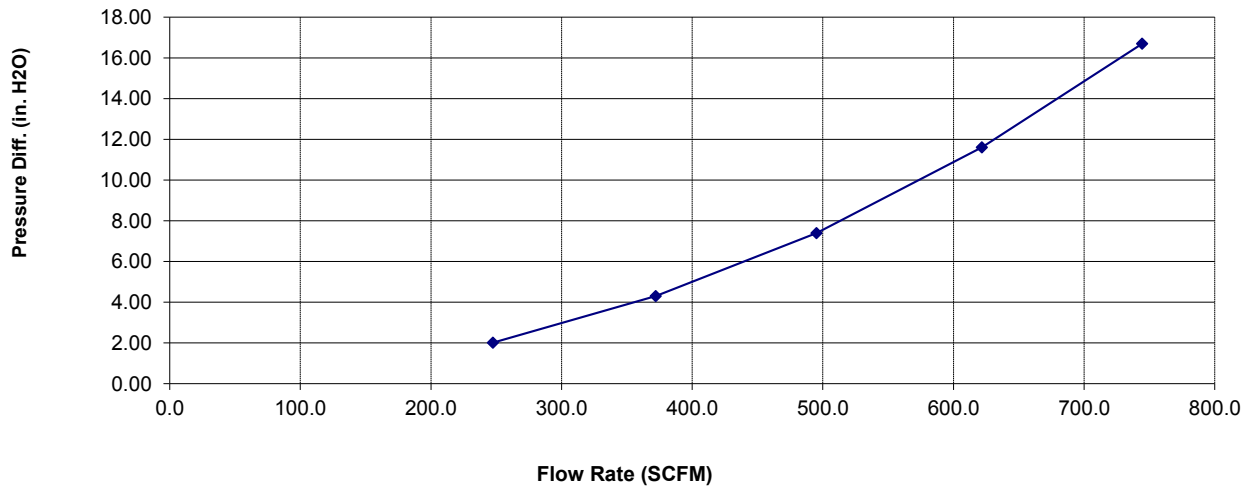
Test Description: 75-5082 PRODUCTION KIT, SENSORS INSTALLED, PLUG IN, LID ON

Test Conditions

Barometric Pressure: 28.86286 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 54 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
247	2.01
372	4.30
495	7.40
622	11.61
744	16.70

















