



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

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

Part Number: 76-1010B
Description: Performance Intake Elbow
Vehicle Applications: 2005-2007 Ford Powerstroke 6.0L

Test Date: 08/30/2017
Test Report #: 1, 2

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 47.54% Better than Stock

In tests performed in our climate controlled laboratory according to the ISO5011 Test Standard, S&B's Intake Elbow had significantly lower restriction (better airflow) than the stock intake elbow and competitors. See the graph on the next page.

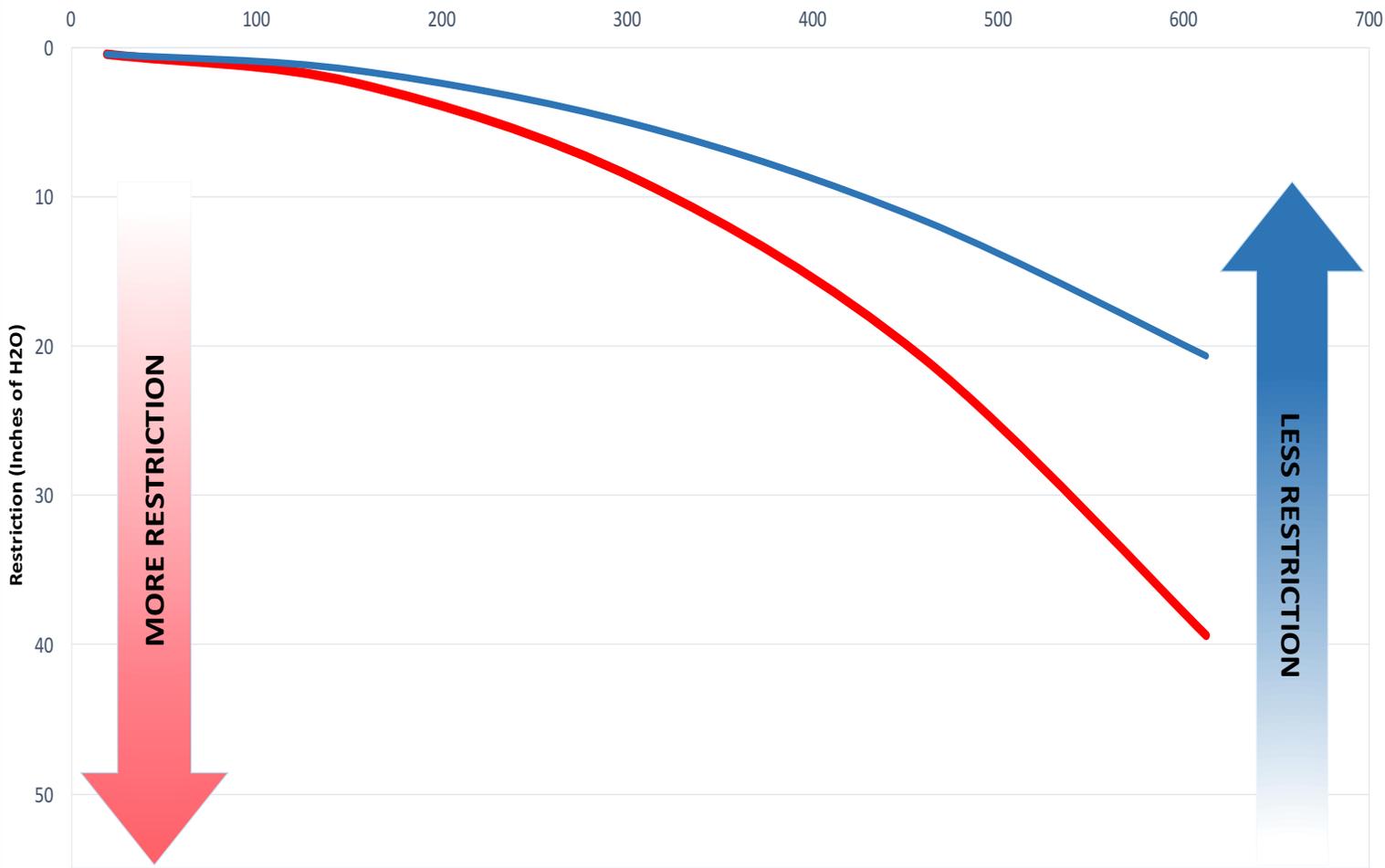
Description	% S&B Flowed Better than Stock (tested @ 612 cfm)
S&B Intake Elbow	47.54%

TEST CONDITIONS

Barometric Pressure	28.98
Airflow Setpoint	529 cfm
Relative Humidity	50
Temperature	70.2F

Air Flow vs Restriction

Airflow CFM



Stock Intake Elbow 76-1010B

Air Filter Restriction Test Report

Test #: 461
Sample #: 1
Filter #:
Housing #:
Date Code:

Operator: SD
Report Date: 8/30/2017
Filter Mfg.:
Housing Mfg.:



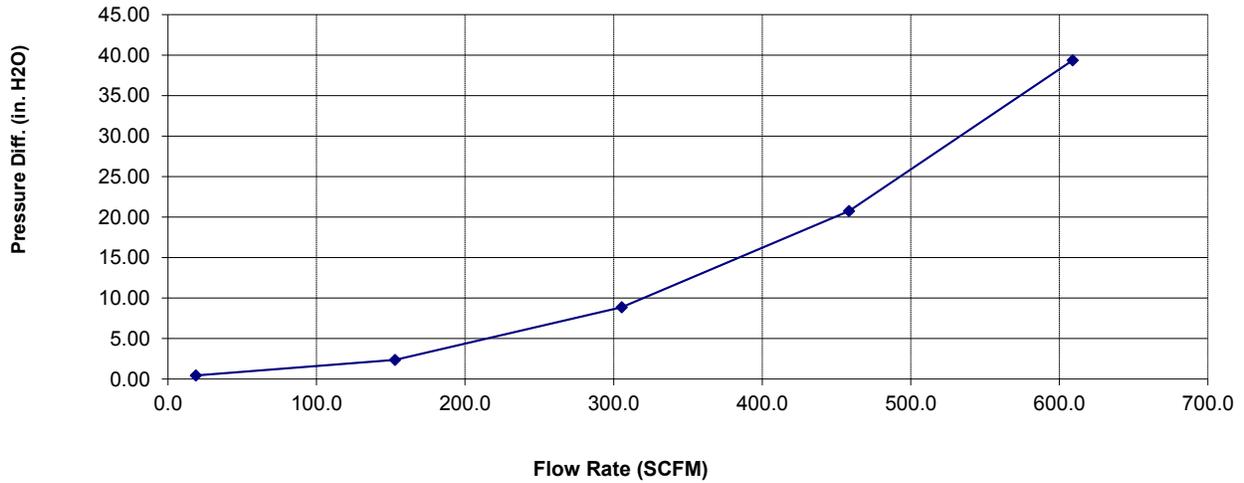
Test Description: STOCK INTAKE ELBOW AND BOOST TUBE WITH VENTURI

Test Conditions

Barometric Pressure: 28.6703 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 47 %
Temperature: 68 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
19	0.44
153	2.37
305	8.89
459	20.76
609	39.38

Air Filter Restriction Test Report

Test #: 461
Sample #: 2
Filter #:
Housing #:
Date Code:

Operator: SD
Report Date: 8/30/2017
Filter Mfg.:
Housing Mfg.:



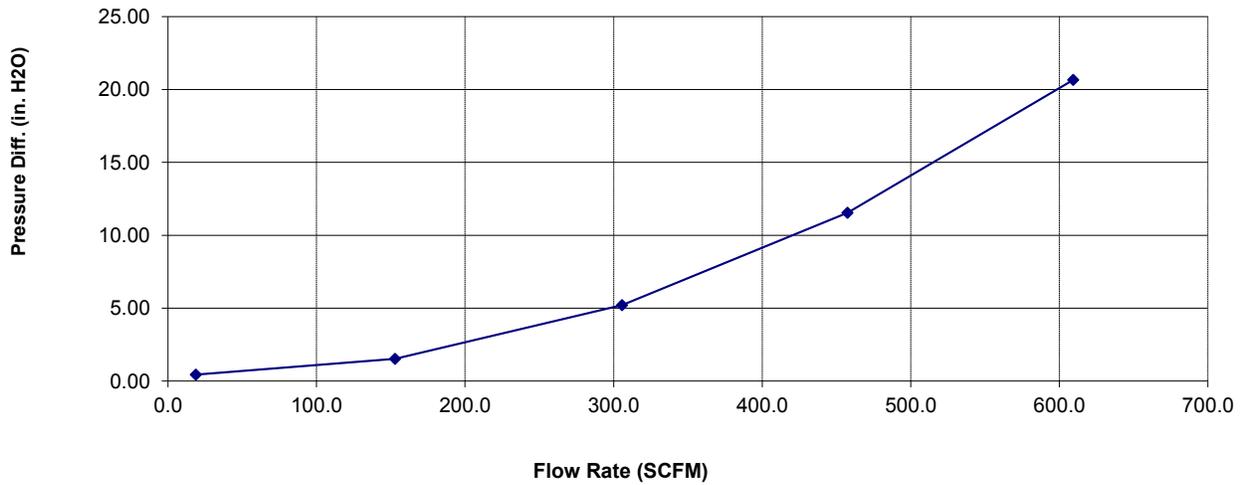
Test Description: 76-1010B, SPACER, AND S&B BOOST TUBE INSTALLED WITH VENTURI

Test Conditions

Barometric Pressure: 28.66452 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 47 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
19	0.44
153	1.52
306	5.20
457	11.55
609	20.66



DANGER
PELIGRO



DANGER
SAFETY LABELS
ARE REQUIRED
ON ALL
ELECTRICAL
EQUIPMENT
PELIGRO
ALTA TENSION
CONEXIONES
DEBEN SER
ETIQUETADAS

SB FILTERS

CURRENT
OUTPUT
PRECISION

Scale