

Installation Instructions

VEHICLE APPLICATION

Year: **2003 - 2008**
 Make: **RAM**
 Model: **1500*/2500**
 Engine: **5.7L Hemi**
***Note: Will only fit 1500 Mega Cab and Power Wagon.**

TOOLS REQUIRED

- 8mm, 10mm, 13mm Wrench & Socket
- 7/16" Wrench and Socket
- 5/16" Nut Driver or Flat Blade Screwdriver
- Phillips Screwdriver

S&B FILTER MAINTENANCE

Cleanable (**KF-1056**). If the enclosed filter is Red, it came pre-oiled from the factory. Please visit www.sbfilters.com for the exact oil amount required after cleaning.

Disposable (**KF-1056D**). If the enclosed filter is White, it is a disposable filter and should be discarded once it reaches capacity. This filter **does not require oil**. For more info on S&B's disposable filter, visit www.sbfilters.com.

NOTES

Kit may not fit with the following Aftermarket Parts installed:

- Body Lift or Lowering Kit
- Custom Hood
- Throttle body upgrades

CARB STATUS - Pending

Product will be submitted to Air Resources Board for approval shortly.

Not Legal for use in CA or other states adopting CA emissions standards"
 See Page 3 for more info.

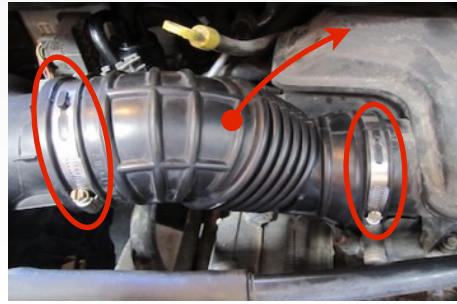
BEFORE YOU START

- Please read the entire product guide before proceeding.
- Ensure all components listed on page 4 are present.
- If you are missing any of the components, call our customer support at (909) 947-0015.
- Do not work on your vehicle while engine is hot.
- Make sure the engine is turned off and the vehicle is in Park or the Parking Brake is set.

- 1.** With the ignition switched off and the parking brake set, disconnect the negative battery cable on the driver's side. **Note: Failure to disconnect the battery may cause the CEL to illuminate upon completion of the installation and subsequent operation. Do not skip this step!**



- 2.** Loosen the hose clamp at the stock intake box and resonator then remove the intake tube from the vehicle.



- 3.** Loosen the two screws on the resonator assembly using a 10mm socket. Disconnect the temperature sensor wiring harness from the sensor.



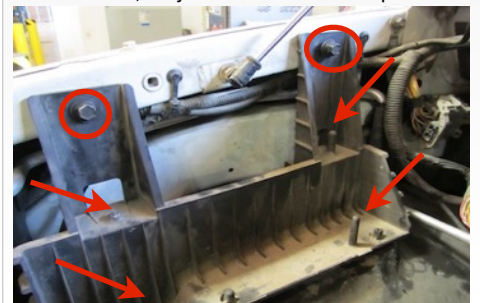
- 4.** Remove the stock throttle body gasket.



- 5. 2004-08 Models:** Disconnect the breather hose from the intake box lid. **2003 Models:** Remove the breather hose from the intake box lid and oil fill reservoir.



- 6.** Carefully lift the stock intake box out of the four pins from the intake box tray. Remove the two screws securing the intake box tray to the frame using a 13mm socket. Set one screw aside, they will be reused in Step 14.



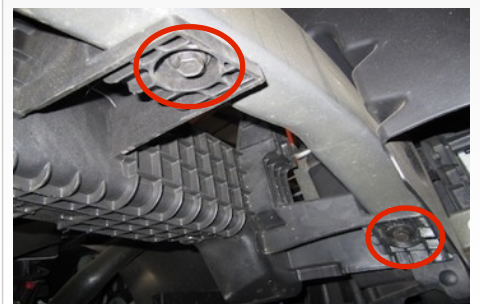
- 7.** Remove the screws securing the wheel liner using a 8mm Wrench/Socket.



- 8.** From inside the engine compartment, carefully pull the wiring harness clip out of the wheel liner. Then set the wheel liner aside.



- 9.** Using a 13mm socket, remove the other 2 screws securing the intake box tray inside the wheel well.



SEE EXPLODED VIEW ON PAGE 4



Installation Instructions (continued)

10. Insert the supplied Grommet (D) into the Air Box (M).



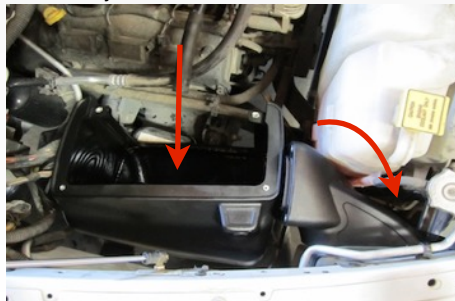
11. Determine if you want to install the Snorkel Plug (T) onto the Snorkel Tube (S) or leave it open. See the "Air Box Plug Testing" note on Page 3 for more information. If the Box Plug is desired, install 1/4-20 Screws (V), Split Lock Washers (U) and 1/4" Flat Washers (W).



12. **Note:** If your vehicle is equipped with 4x4, install the Rubber Cap (AA) over the screw on top of the passenger side shock tower to prevent the screw from rubbing on the Air Box (M) while driving.



13. Carefully place the Air Box (M) and the Snorkel Tube (S) into the vehicle as shown below. Keep the parts detached from each other. Gently push the hoses aside if necessary.



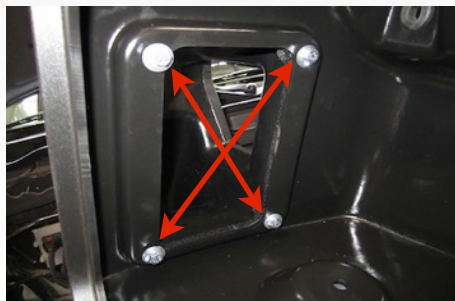
14. Use the stock screw removed in Step 6 to secure the Air Box (M) to the frame. Leave the screw loose.



15. Secure the bottom of the Air Box (M) From inside the wheel well, install the M8 Screw (K) and Flat Washer (L). Then fully tighten both screws mounting the air box to the frame.



16. Install the 1/4-20 Screws (V), Split Lock Washers (U) and 1/4" Flat Washers (W) to secure the Snorkel Tube (S) onto the Air Box (M).



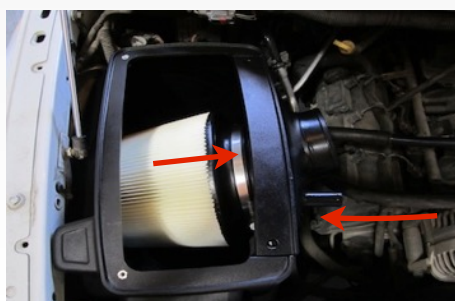
17. Reinstall the wheel liner and reconnect the wiring harness clip removed in Step 8.



17. Secure the wheel liner to the Air Box (M) with the 1/4-20 Screws (AB), Flat Washers (W), and 1/4-20 Lock Nuts (X). There will be four washers used in this step. Place a washer in between the screw and the nut.



18. Install the Air Filter (J) onto the Adapter Tube (H) and tighten the #104 Hose Clamp (I). **2004-08 Models:** Push the stock breather hose onto the stem on the adapter tube.



19. **2003 Models Only:** Install the Breather Hose (Z) onto the oil fill reservoir and stem on the Adapter Tube (H) with the #8 Hose Clamps (Y). Tighten the hose clamp and secure using the supplied Cable Tie (Y).



SEE EXPLODED VIEW ON PAGE 4



Installation Instructions (continued)

20. Remove the protective covering and secure the Clear Lid onto the Air Box (M) with the 1/4-20 Truss Screws (P&Q) and Washers (O). Do not over tighten.



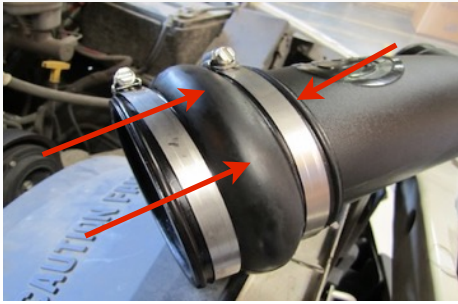
21. Note the stock temperature sensor orientation then carefully turn it counter clockwise and pull it out of the stock resonator. Remove the O-ring from the sensor.



22. Insert the supplied Grommet (D) into the Intake Tube (E) and carefully push the temperature sensor into Intake Tube (E) using a twisting motion. Be sure to match the stock orientation.



23. Install the Hump Coupler (G) with two #72 Hose Clamps (F) onto the Intake Tube (E). Stop when the coupler reaches the stop bead.



24. Slide the Step Coupler (B) with #56 #60 Hose Clamps (A & C) onto the throttle body. Tighten only the #56 Hose Clamp.



25. Install the Intake Tube (E) into the Step Coupler (B), then slide the Hump Coupler (G) over the Adapter Tube (H). Tighten all hose clamps when you are satisfied with the position.



26. Reconnect the temperature sensor wiring harness into the sensor



27. Reconnect the negative terminal on both batteries. Inspect your installation, make sure the kit is properly positioned and all fasteners are secure. Keep all stock parts in case you would ever need to reinstall the stock intake assembly. Affix the ID label near the intake kit. The installation is now complete.



Related Items

Available at www.sbfilters.com

- Precision II Filter Cleaning & Oiling Kit (S&B P/N: 88-0008)
- Replacement Air Filter (Oiled) (S&B P/N: KF-1056)
- Replacement Air Filter (Dry) (S&B P/N: KF-1056D)
- Air Filter Wrap (S&B P/N: WF-1034)
- Air Scoop (S&B P/N: AS-1005)

Testing and Maintenance

- Engage parking brake and start your engine. Listen for abnormal noises. If an air leak is detected, re-inspect hoses and connections as they may need to be repositioned and tightened.
- S&B FILTERS recommends that you keep your OE intake system in the event it is required in the future.
- In order to maintain your warranty, all connections and components must be checked periodically for alignment and for proper tension on all connections. Failure to do so may void your warranty.
- Use only S&B FILTERS cleaning and oil products to service your filter. Using any other brand oil and or cleaners on your S&B air filter will void your warranty.

Air Box End Cap Testing

Stock air boxes are a significant contributor to poor air flow which is why S&B designs custom air boxes with secondary and/or enlarged openings. With that said, S&B recognizes the benefits of cooler air, so we have included a plug to seal off the opening if so desired. For optimal performance, we recommend that the intake be used without the end cap except in conditions of extreme heat.

Emissions Standard

The California Air Resource Board (CARB) requires that an E.O. identification label be applied to the vehicle in order to pass a smog check inspection when a Performance Intake Kit has been installed. You must place the E.O. label provided on or near the intake kit after installation so that a smog check technician can easily verify the E.O. number. The exemption process with CARB can take as long as 18 months. Check the status of the exemption process by looking up a specific part number at www.sbfilters.com. The CARB Exemption number and/or status is listed under the Product Details section for each part number. If the status shows as "Pending," CARB has yet to issue an exemption. Products that have not been issued an EO number are street legal in most states, but may not be used on emission controlled vehicles in the state of California and are for off road use only. If you purchased your kit from S&B Filters directly, we will automatically mail you your Exemption Sticker when it is issued to us. If you purchased your kit from an authorized S&B Filters Dealer, log onto our web site and register to receive your Exemption Sticker.

SEE EXPLODED VIEW ON PAGE 4



Exploded View



ITEM	QTY.	DESCRIPTION	P/N
A	1	Hose Clamp, #56	AG1019-00
B	1	Step Coupler	AI1306S-00
C	1	Hose Clamp, #60	AG1008-00
D	2	Grommet	AI1563-00
E	1	Intake Tube	AL1130-00
F	2	Hose Clamp, #72	AG1009-00
G	1	Hump Coupler	AI1609C-00
H	1	Adapter Tube	AL1212A-00
I	1	Hose Clamp, #104	AG1012-00
J	1	Air Filter	KF-1056
K	1	Screw, Hex, M8	AI1163-00
L	1	Washer, Flat, M8	AI1080-00
M	1	Air Box	AL1212-00
N	1	Clear Lid	AI1710-00
O	4	Washer, Sealing, 1/4"	AI1571-00

ITEM	QTY.	DESCRIPTION	P/N
P	2	Screw, Truss, 1/4-20 x 5/8	AI1569-00
Q	2	Screw, Truss, 1/4-20 x 1-1/4	AI1568-00
R	1	Hose Clamp, #8	AG1000-00
S	1	Snorkel Tube	AL1131-00
T	1	Snorkel Plug	AL1133-00
U	6	Washer, Locking, 5/16"	AI1309-00
V	6	Screw, Hex, 1/4-20	AI1068-00
W	10	Washer, Flat, 1/4"	AI1073-00
X	2	Lock Nut, Nylon, 1/4-20	AI1074-00
Y	3	Cable Tie (2003 Models only)	AL1212-00
Z	1	Breather Hose (2003 Models only)	AI1040-06
PARTS BELOW ARE NOT IN THE EXPLODED VIEW			
AA	1	RUBBER CAP	AI1629-00
AB	2	SCREW, HEX, 1/4-20 x 1-1/2	AI1132-00

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Warranty

Visit www.sbfilters.com/Support/Why-S-B/Million-Mile-Limited-Warranty for S&B Filter's complete warranty.