S&B FILTERS

INSTALLATION INSTRUCTIONS



1994-2002 Dodge Ram 2500 & 3500 5.9L Cummins Turbo Diesel

- Kit may not fit vehicles with the following Aftermarket Parts installed.
- **Body Lift**
- **Custom Hood**
- Turbo Upgrade
- **Intercooler Upgrades**

PARTS LIST QT DESCRIPTION

- (P) Intake Tube 1 3
- (I) Air Box Adapter
- 1 (D) Air Filter

(H) Air Box

1

1

1

- 1 (Q) Hump Adapter
- (N) Step Adapter 1
- 3 (F) 1/4-20 Lock Nut
- 3 (L) M6 Lock Nut
- 3 (R) Rubber Spacer

QTY DESCRIPTION

- (E) # 80 Hose Clamp
- (K) # 72 Hose Clamp
- 1 (M) # 64 Hose Clamp
- 2 (J) 5/16-18 SS Screw
- 1 (C) Clear Lid
- 5 (B) SS Concave Washer
- (A) SS 10/24 Phillips Screw 5

AIR IN. POWER OUT

THE TECHNOLOGY LEADER FOR PERFORMANCE FILTERS AND INTAKE KITS

3 (G) Fender Washer

TOOLS REQUIRED

- 10mm Wrench or Socket
- 13mm Wrench or Socket
- 5/16" Nut driver or
- Flat Blade Screwdriver
- Phillips Screwdriver

1. With the ignition switched off, place 4. Place a rubber spacer (R) over each of 7. Attach the S&B Filter Adapter (I) to the S&B vehicle in Park and or set Parking Brake. the factory studs on the inner fender, then Air box (H) while slipping the air filter over the Then disconnect both negative battery set the S&B air box (H) in place over the flange at the same time. cables studs 8. Secure the adapter using the 5/16 screws Determine whether your vehicle has SAE 5. (J) provided. Then tighten the # 80 hose clamp Loosen the hose clamp at the turbo inlet. or Metric threaded studs and use the to secure the filter to the adapter (I). then unclip the air box top and remove the appropriate 1/4-20(F) or M6(L) lock nuts OE intake tube and air filter. supplied and fender washers to secure the S&B air box (H) to the inner fender 9. Slide the Step Adapter (N) over the small 6. Place the S&B air filter (D) into the S&B air Remove the restrictive factory air inlet 3 end of the S&B Intake Tube (P) and secure the box (H). from the inner fender then pull up to remove #72 Hose Clamp (K). the air box from the vehicle.





INSTALLATION INSTRUCTIONS (continued)

10. Slide the Hump Adapter (Q) over the large end of the S&B Intake Tube (P) until almost flush with the end of the tube.



14. Place the clear lid on the air box and secure using the 8/32 SS Screws (A) and SS Washers (B).



11. Install the S&B air intake tube (P) to the turbo inlet, secure the # 64 hose clamp (M).



15. Reconnect both negative battery cables.

16. Inspect your installation, make sure kit is properly positioned and all fasteners are secure.

PERFORMANCE TESTING

- 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.

Emission Standards

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.

As of April 2009, S&B has never had a product where CARB denied an exemption request; however, 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.

5

12. Slide the S&B Hump Adapter (Q) over the filter adapter (I), center over the gap between the tubes and secure the #72 Hose Clamps (K).



13. Remove the protective covering from the S&B Clear Lid (C).





CONTACT S&B FILTERS

(909) 947-0015 Phone (909) 947-0603 FAX www.sbfilters.com



S&B P/N 75-5044D





(909) 947-0015 Phone (909) 947-0603 FAX www.sbfilters.com



THE TECHNOLOGY LEADER FOR PERFORMANCE FILTERS AND INTAKE KITS



S&B Filters Dry Disposable Filter FAQs

How often do I need to replace an S&B Dry Filter?

The frequency you replace your S&B Dry Disposable Air Filter will depend on the conditions in which you drive. As a rule, we recommend that you replace your filter at a minimum of every 12,000-15,000 miles. The Filter should be inspected during oil changes and regular service intervals. If you live in extreme dusty climates or frequently drive off road, we recommend that you replace your filter on a more frequent basis.

Can I clean an S&B Dry Disposable Filter?

Ultimately, the filter is disposable; however, the life of the filter can be significantly extended under most conditions by lightly tapping the filter top on a hard surface and using low-pressure compressed air (100 psi maximum) from the inside out to dislodge any dirt or debris from the filter pleats. Under NO circumstances should this filter be washed, as this will damage the filter media.

Will cleaning a Dry Filter with compressed air damage the filter?

No. We have tested this process in our ISO 5011 Test Lab and test results show that capacity of the filter was improved without damaging the efficiency. Visit <u>www.sbfilters.com/dryfilter</u> to see test results of a filter cleaned with compressed air.

Will cleaning a Dry Filter with compressed air help the performance of the filter?

While using compressed air to clean out an S&B Dry Filter will not return the filter to factory condition, it will extend the life of the filter and improve its airflow. Visit <u>www.sbfilters.com/dryfilter</u> for see the test results supporting this claim.

Can I apply oil to an S&B Dry Filter?

Oil should not be applied to S&B's Dry Filter.



(909) 947-0015 Phone (909) 947-0603 FAX www.sbfilters.com



THE TECHNOLOGY LEADER FOR PERFORMANCE FILTERS AND INTAKE KITS