

INSTALLATION INSTRUCTIONS

VEHICLE APPLICATION

Year: **1997 - 2006**
Make: **Jeep**
Model: **Wrangler TJ**
Engine: **4.0L**

TOOLS REQUIRED

- 10mm , 11 mm, 13mm Wrench & Socket
- 5/16" Nut Driver or Flat Blade Screwdriver
- Phillips Screwdriver, Pliers or Channel locks

S&B FILTER MAINTENANCE

Cleanable (KF-1058). If the enclosed filter is Red, it came pre-oiled from the factory. Please visit www.sbfilters.com for exact oil amount required after cleaning.

Disposable (KF-1058D). 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 Spacer/ Upgrade

CARB STATUS - PENDING

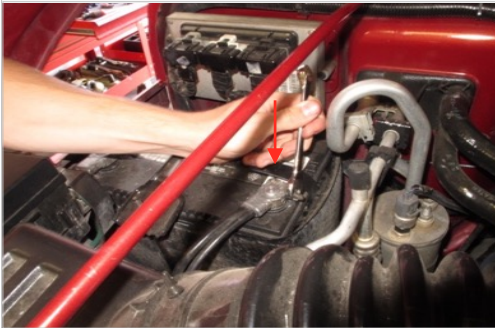
Product will be submitted to Air Resources Board for approval shortly.

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.

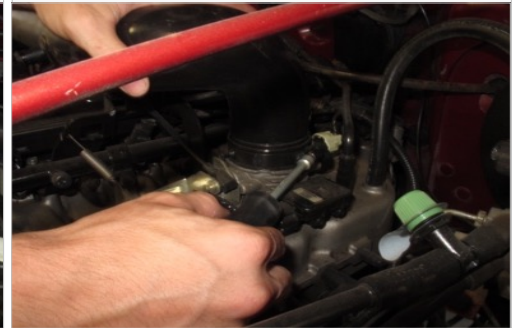
1. With the ignition switched off and the parking brake set, disconnect the negative battery cable from the battery.



2. Remove the crossbar by removing the two bolts holding it in place.



3. Loosen the hose clamp at the throttle body and lift the tube from the inlet.



4. Pull and remove the hose from the stock intake and valve cover fitting completely. **Note:** If you have model year 2005-2006 and have an IAT sensor, disconnect the wiring harness and remove the IAT sensor.



5. Remove three nuts securing the stock air box located under the passenger side wheel well.



6. Lift up and pull the stock intake out. It should come out as one piece.



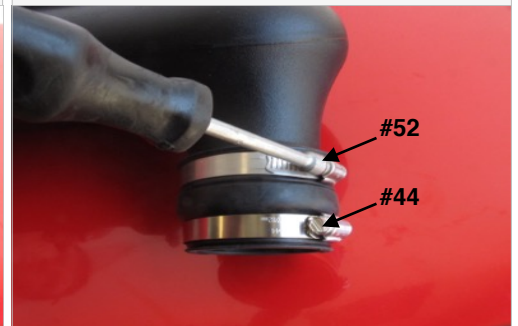
7. Install the Hose Barb (N) into the side of the Air Tube (H) until finger tight, then turn it one to two complete turns with a wrench.



8. Install the Grommet Plug (S) into the side of Air Tube (H). **Note:** If you have model year 2005-2006 and have an IAT sensor, you must install the Grommet (R) with the 1/2" ID hole.



9. Install Coupler (I) onto the Air Tube (H) on the throttle body side. Tighten the #52 Hose Clamp (K). Leave the #44 Hose Clamp (J) loose.



SEE EXPLODED VIEW ON PAGE 4



INSTALLATION INSTRUCTIONS (CONTINUED)

10. Install the Coupler (G) with the two #88 Hose Clamp (L) and connect Air Tube (F&H) together. Tighten both hose clamps.



11. Install the Rubber Cuff (E) with the #104 Hose Clamp (M) on the Air Box (A). Tighten the hose clamp.



12. Lower the Air Box (A) as shown and align the three holes on the box with the holes on the fender. **Note:** The fourth hole is for water drainage.



13. Use the hardware (T, U, and V) provided to secure the Air Box (A). The washers go in the air box and under the fender. If necessary you will have to use a two wrench method to tighten the down the air box. One wrench on the nut and one on the head of the bolt.



14. Insert the Air Filter (B) into the Air Box (A). Make sure the hose clamp is accessible. Push the connected Air Tube (F&H) through the Rubber Cuff (E) until you can slip on the air filter. Tighten the #88 Hose Clamp (L) at the air filter to secure the air filter to the tube.



15. Install the other end of the Air Tube (H) onto the throttle body. Make sure that the coupler is seated properly on the throttle body. Tighten down the #44 Hose Clamp (J). **Note:** If equipped install the IAT sensor into the Grommet (R). Seat the sensor into the grommet until the O-ring is not visible and reconnect the wiring harness before installing the air tube onto the throttle body.



16. Connect the Breather Hose (O) from the Hose Barb (N) to the fitting on the engine. If necessary, you can use a little motor oil on the fittings to aid installation.



SEE EXPLODED VIEW ON PAGE 4



INSTALLATION INSTRUCTIONS (CONTINUED)

17. Install the Lid Seal (C). Put the two ends of the seal in the groove next to each other, then push in the rest of the seal into the groove.



18. Remove the protective covering from the Lid (D). Place the lid on top of the Air Box (A) and secure the lid using the four provided Screws (P) and Washers (Q). Do not over-tighten.



19. Reinstall the crossbar and bolts.



20. Reconnect the battery. Inspect your installation, make sure the kit is properly positioned and all fasteners are secure. The installation is now complete.



RELATED ITEMS FOR YOUR PURCHASE

- Replacement Air Filter (Oiled) (S&B P/N: KF-1058)
- Replacement Air Filter (Dry) (S&B P/N: KF-1058D)
- Air Filter Wrap (S&B P/N: WF-1058)
- Precision II Filter Cleaning & Oiling (S&B P/N: 88-0008)

Order online today at www.sbfilters.com or through your local S&B distributor.

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.
- 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 may void your warranty.

Warning!

If your vehicle has a Vehicle Emission Control Information decal affixed to the factory airbox, a new replacement label must be obtained and installed in a readily visible position in the engine compartment in order to remain CARB compliant. Failure to do so will prevent the vehicle from passing a smog check. Replacement labels can be ordered from your local dealership. Regulations state that the VEI label shall not be affixed to any equipment which is easily detached from the vehicle. Label placement, under the hood on a painted surface is recommended.



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. 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. 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	ITEM	QTY.	DESCRIPTION	P/N
A	1	AIR BOX	AL1238B-00	O	1	HOSE, 1/2" ID X 9" LG, BK	AI1038-14
B	1	AIR FILTER	KF-1058	P	4	TRUSS HEAD PHILLIPS MACHINE SCREW, 1/4"-20 THREAD, 5/8" LENGTH, STAINLESS STEEL	AI1569-00
C	1	LID SEAL, SILICONE FOAM, 35" CUT LENGTH	AH1706-01	Q	4	SANTOPREME SEALING WASHER 1/4" SCREW SIZE, 5/8" OD, .078" THICK	AI1571-00
D	1	LID, POLYCARBONATE, DRAPE FORMED	AH1712-00	R	1	GROMMET, 1/2" ID X 1-1/16" OD, 7/16" THK, 3/16" PANEL	AI1563-00
E	1	RUBBER CUFF, SILICONE	AH1604C-00	S	1	GROMMET, PLUG, FITS 3/4" HOLE, 3/16" PANEL	AI1705-00
F	1	TUBE, FILTER SIDE	AL1238-00	T	3	1/4"-20 X 3/4" GRADE 5 ZINC-PLATED STEEL HEX HEAD CAP SCREW	AI1068-00
G	1	COUPLER, SILICONE	AH1703C-00	U	3	1/4"-20 GRADE 5 ZINC-PLATED STEEL NYLON-INSERT LOCKNUT	AI1047-00
H	1	TUBE, THROTTLE SIDE	AL1237-00	V	6	WASHER, SAE, FLAT, 1/4" SCREW SIZE, .625" OD, ZINC-PLATED	AI1713-00
I	1	COUPLER, SILICONE	AH1704C-00				
J	1	HOSE CLAMP, #44	AG1006-00				
K	1	HOSE CLAMP, #52	AG1007-00				
L	3	HOSE CLAMP, #88	AG1011-00				
M	1	HOSE CLAMP, #104	AG1012-00				
N	1	HOSE BARB, NYLON, 1/2" X 1/4" NPT, BLACK	AI1116-00				