



Cleaning and Oiling Kit Installation Instruction Sheet

Please Read Carefully

Our S&B Cleaning and Oiling Kits are designed to work with all of our BigBully CAI filters. In order to get the performance and life out of your filter please read and follow these instructions.



STEP ONE 1



Remove the Filter from your vehicle

Clean the sealing area of filter and filter housing with a clean, soft rag.
DO NOT start your vehicle without a filter installed.

STEP ONE 2



Remove Debris

Shake or lightly tap the filter on a hard surface to remove and loosen large particles and debris. A soft brush may be used to loosen large pieces of debris. Make a note of which side of the filter was used to trap the dirt. DO NOT use tools of any kind to poke or pry on the filter media.

STEP ONE 3



Apply Cleaning Solution

The side of the filter where the dirt accumulates is known as the "Dirty Side." In a well-ventilated area, liberally apply filter cleaning solution to the dirty side of the filter element. Avoid breathing vapors. Wait 10-15 minutes for the solution to breakdown contaminants. Use only S&B Cleaning Solution. DO NOT use chemicals, solvents or soaps of any kind on the filter as this might cause damage to the filter.

STEP ONE 4



Rinse the Filter free of Debris and Oil

Rinse filter free of debris and oil using only water from a low-pressure source. DO NOT spray filter with high pressure water or compressed air. Spraying with high pressure water or using compressed air to clean the filter may damage the filter and void the warranty. Continue rinsing the filter until drainage is free from oil and dirt residue. The cleaning process (Steps 3-4) may need to be repeated several times for heavily soiled filters.

STEP ONE 5



Gently shake Filter to Remove Excess Water

After cleaning the filter, gently shake or tap the filter to remove any excess water. NOTE: The filter media may retain some of its color as the factory oil may stain the filter media. This will not hurt the performance of the filter. DO NOT attempt to remove the stain by using bleaching agents or other chemicals.

STEP ONE 6

Place Filter in a Warm, Dry Environment to Evaporate Water

To expedite the drying process, place filter at an angle in direct sunlight or use a small house fan. DO NOT use compressed air, a dryer or other heating devices to dry the filter. The drying process can take up to 24 hours depending on the conditions of the environment. DO NOT re-apply oil until the filter is completely dry.

STEP ONE 7

Determine the Amount of Oil to Apply

The amount of oil applied to the filter is critical to both the air flow and efficiency of the filter. Applying too much oil will cause the filter to be restrictive (poor air flow) and could damage the mass air sensor. Applying too little oil will allow dirt and other contaminants to bypass the filter resulting in possible engine damage.

BigBully 2.7 CAI Filter

38 grams on filter element, 7 grams of Power Stack (Top)

BigBully 3.5 CAI Filter

38 grams on filter element, 7 grams of Power Stack (Top)

BigBully 3.6 CAI Filter

38 grams on filter element, 7 grams of Power Stack (Top)

BigBully 5.7 CAI Filter

48 grams on filter element, 7 grams of Power Stack (Top)

STEP ONE 8



Fill Applicator Bottle with the Correct Amount of Oil

Remove seal from Large Oil Bottle and screw on the twist cap. Ensure that the bottle is level and dispense the proper amount of oil into the Applicator Bottle by using the measurement gauge on the side of the bottle. NOTE: Every tick mark equals 2.5g of oil. Re-apply applicator tip and remove the cap.



STEP ONE 9



Apply Oil to Side of Filter that Retains the Dirt

When re-oiling a filter, it is critical to place the oil on the side where the dirt will accumulate. Starting at the base of the filter (about $\frac{1}{2}$ " above the urethane), apply the oil around the diameter of the filter. Make 2-3 passes in the same area. Then run the applicator tip over the peak of each pleat while squeezing slightly on the applicator. DO NOT soak the pleat as the oil that is applied to the top of the pleat will bleed down through the rest of the pleat. As you go, keep an eye on the amount of oil you are using and the total amount allocated for the filter. By the time you are half-way done with the filter, you should have used slightly less than half the allocated oil. Then repeat this process, evenly spacing the applications until you have reached the last 10g of your oil amount in the Applicator Bottle for the touch-up process (See Step 10).



STEP ONE 10



Allow Oil to Bleed for 20-30 Minutes and then Apply Remaining Oil to any Un-oiled Areas

After allowing the oil to bleed for 20-30 minutes, inspect the filter for any un-oiled areas where the oil did not cover. (Bleeding is the absorption process of the oil as it distributes throughout the filter media.) With the remaining oil in the Applicator, apply a small amount of oil to those un-oiled areas. Look very closely at the edges of the filter where the filter pleats meet the urethane. If the oil has not bled to the urethane, use the applicator tip to place a small amount of oil inside the pleated area just under the urethane. Evenly apply any oil left in the Applicator Bottle on the filter. Place filter in a well-ventilated area and let sit until the oil has completely bled throughout the media and the filter is a uniformed color. Applying the correct amount of oil is critical to the proper performance of the filter. DO NOT over oil.

STEP ONE 11

Oil application for the filter Power Stack

Oil application for the filter Power Stack repeat steps 7 - 10



STEP ONE 12

Re-Install Air Filter

When re-installing the air filter, make sure that it seals properly around the CAI tube. Also check all hoses and connections are secure.

Thank you for purchasing an S&B Precision Cleaning & Oiling Kit. Using this kit will restore filters made by S&B to virtually their original condition from the factory. Frequent cleaning will enhance the performance of vehicles and improves fuel economy. The cleaning and re-oiling process takes approximately 24 hours to complete, so to avoid interruption to your vehicle, S&B recommends having a spare filter on hand.

S&B's Cleaning & Oiling Kit allows vehicle owners to properly maintain their filters by accurately measuring and applying the correct amount of oil. S&B has conducted extensive testing on its ISO 5011 Certified Stand to ensure that S&B's kit will meet or exceed other manufacturers cleaning and oiling specifications.

AIR FILTER CLEANER

DANGER: Contains Sodium Metasilicate (6834-92-0)

PRECAUTIONARY MEASURES: Do not swallow or breathe vapors. Avoid eye and skin contact. Do not get on clothing. Use in a well-ventilated area.

FIRST AID TREATMENT: If swallowed, do NOT induce vomiting. IMMEDIATELY call a poison control center or hospital emergency department. If in eyes, immediately flush eyes with water for 15 minutes. If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation develops and persists, call a doctor. If inhaled, move person into fresh air.

AIR FILTER OIL

DANGER: Contains Petroleum Distillate (64742-54-7, 64742-65-0, 64742-58-7, 64742-64-7) and proprietary additives.

PRECAUTIONARY MEASURES: Avoid skin and eye contact. Do not swallow or breathe vapors. Do not puncture or incinerate container. Keep away from heat, sparks and open flame. Do not store at temperatures above 120°F (48.9°C) or in direct sunlight. Do not store container in car. Deliberate concentration and inhalation or vapors may be fatal. Use in well-ventilated area.

FIRST AID TREATMENT: If swallowed, do NOT induce vomiting. IMMEDIATELY call a poison control center or hospital emergency department. If inhaled, move person into fresh air. If in eyes, immediately flush eyes with water for 15 minutes. If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation develops and persists, call a doctor.

KEEP OUT OF REACH OF CHILDREN

CALIFORNIA PROPOSITION 65 WARNING: This product and packaging contains chemicals, including lead, benzene, etc. known to the state of California to cause (cancer, and) birth defects or other reproductive harm. Wash hands after handling.