



## INSTALLATION INSTRUCTIONS

### BEFORE YOU START

- Please read the entire installation manual before proceeding.
- **WARNING:** Do not power the fan on while the particle separator is partially or completely disassembled. Doing so may result in severe injuries.

### TOOLS REQUIRED

- 2.5mm Hex Key

### WHO NEEDS TO USE THIS?

If you are a racer or a consumer who is frequently getting roosted (rocks, pebbles and other hard objects flying up and hitting you and your UTV), you may want to install the S&B Roost Protector in order to keep the fan blades on your scavenge fan from chipping.

### WHAT DOES IT DO?

The Roost Protector sits just above the scavenge fan (which ejects the dust) and keeps larger pebbles and rocks that are thrown up by other UTVs into the Particle Separator from damaging the fan's blades. The Scavenge Fan is IP rated and can endure harsh conditions including small debris and dust; however, if a larger pebble/rock hits the fan, the blades will chip.

### WHAT HAPPENS IF THE SCAVENGE FAN IS DAMAGED?

If your Scavenge Fan is damaged during a race, the airflow to your UTV is NOT affected. The only result of a damaged Scavenge Fan is that the amount of dust the system separates will be reduced.

### WHAT MAINTENANCE IS REQUIRED?

The S&B Particle Separator does not require any maintenance; however, if you have installed the Roost Protector, we recommend that you remove the exhaust (according to these instructions) and inspect the screen before each race to make sure there is no build up of rocks, etc as this will reduce the system's ability to separate the dust somewhat. Inspecting your Roost Protector should just be a part of your pre-race checklist. Another way to see if anything is blocking your Roost Protector is just to start your UTV and place your hand where the scavenge air exits. If the airflow appears to be the same, then there is nothing obstructing the Roost Protector. If you airflow seems to be less, you should clean out the Roost Protector.



### INSTALLATION INSTRUCTIONS

1. Disconnect the electrical wire harness and set your Particle Separator down with the exhaust facing up towards you.



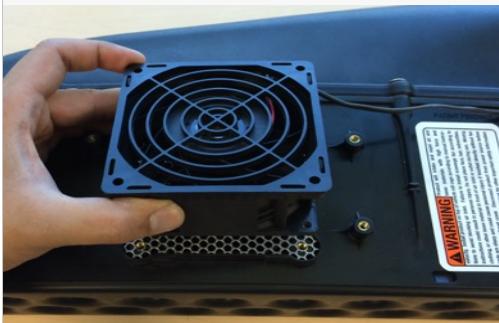
2. Remove all four screws and remove the fan exhaust with a 2.5mm hex key.



3. Remove the four screws securing the scavenge fan to the housing. Remove the fan. Note where the fan harness is located and how the fan is sitting on the housing. The fan guard is installed on the exhaust side of the fan. **Do not remove the fan guard.** Removal of the fan guard will not increase the performance of the Particle Separator and could result in serious injuries. The fan must be reinstalled the same way it was disassembled.



5. Place the scavenge fan on top of the roost protector screen.



6. Press the wire harness into the tabs.



7. Insert and tighten the four screws. Be careful not to over tighten.



8. Reinstall the fan exhaust and tighten the four screws. Be careful not to over tighten.

