



Installation Instructions: S&S Stealth Two Air Cleaner Kit for 2015–2020 Indian[®] Scout[®], Scout 60, and 2017 Victory[®] Octane[™] Models

DISCLAIMER:

Many S&S parts are designed for high performance, closed course, racing applications and are intended for the very experienced rider only. The installation of S&S parts may void or adversely affect your factory warranty. In addition such installation and use may violate certain federal, state, and local laws, rules and ordinances as well as other laws when used on motor vehicles used on public highways. Always check federal, state, and local laws before modifying your motorcycle. It is the sole and exclusive responsibility of the user to determine the suitability of the product for his or her use, and the user shall assume all legal, personal injury risk and liability and all other obligations, duties, and risks associated therewith.

Exempt from emissions tampering regulations under CARB EO# D-355-33

SAFE INSTALLATION AND OPERATION RULES:

Before installing your new S&S part it is your responsibility to read and follow the installation and maintenance procedures in these instructions and follow the basic rules below for your personal safety.

- Gasoline is extremely flammable and explosive under certain conditions and toxic when breathed. Do not smoke. Perform installation in a well ventilated area away from open flames or sparks.
- If motorcycle has been running, wait until engine and exhaust pipes have cooled down to avoid getting burned before performing any installation steps.
- Before performing any installation steps disconnect battery to eliminate potential sparks and inadvertent engagement of starter while working on electrical components.
- Read instructions thoroughly and carefully so all procedures are completely understood before performing any installation steps. Contact S&S with any questions you may have if any steps are unclear or any abnormalities occur during installation or operation of motorcycle with a S&S part on it.
- Consult an appropriate service manual for your motorcycle for correct disassembly and reassembly procedures for any parts that need to be removed to facilitate installation.
- Use good judgment when performing installation and operating motorcycle. Good judgment begins with a clear head. Don't let alcohol, drugs or fatigue impair your judgment. Start installation when you are fresh.
- Be sure all federal, state and local laws are obeyed with the installation.
- For optimum performance and safety and to minimize potential damage to carb or other components, use all mounting hardware that is provided and follow all installation instructions.
- Motorcycle exhaust fumes are toxic and poisonous and must not be breathed. Run motorcycle in a well ventilated area where fumes can dissipate.

IMPORTANT NOTICE:

Statements in this instruction sheet preceded by the following words are of special significance.



WARNING

Means there is the possibility of injury to yourself or others.



CAUTION

Means there is the possibility of damage to the part or motorcycle.

NOTE

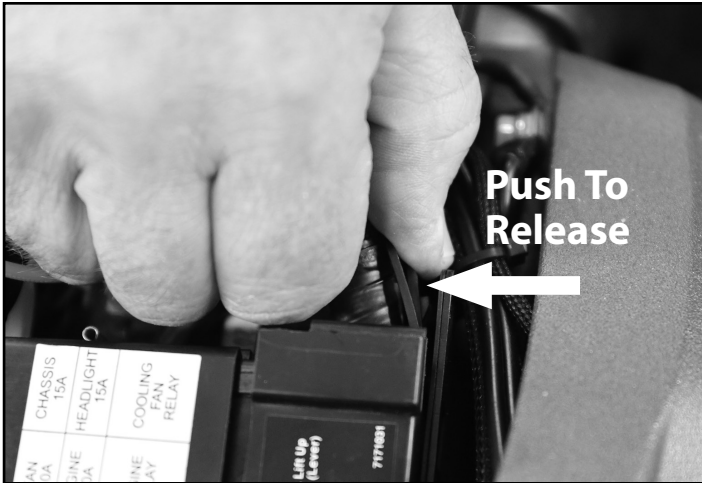
Other information of particular importance has been placed in italic type.

S&S recommends you take special notice of these items.

Installation Steps

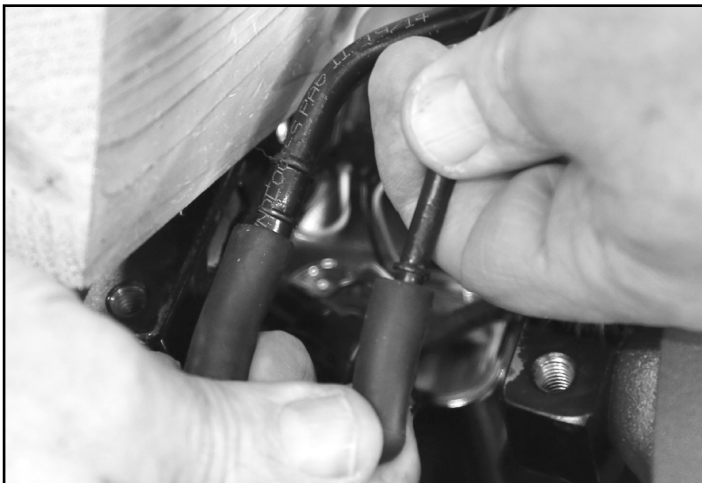
Note - An Indian® Scout® model is used for illustrations in these instructions. Installation on a Victory® Octane® model is the same except as noted.

1. Place the motorcycle on a lift and strap it securely in place.
2. Remove the seat from Scout models by pulling up on the front until it pops off the fastener, and pull the seat toward the rear. On Octane models, remove the bolt at the front edge of the seat and then lift the seat up and off.
3. Press the release tab to unclip the fuse box. Move the fuse box out of the way. **See Picture 1.** Disconnect the negative battery terminal.



Picture 1

4. Remove the four bolts from the bracket at the rear of the fuel tank.
5. Lift the rear of the fuel tank. Disconnect the overflow/evaporative emissions hoses from the rear of the tank. **See Picture 2.**



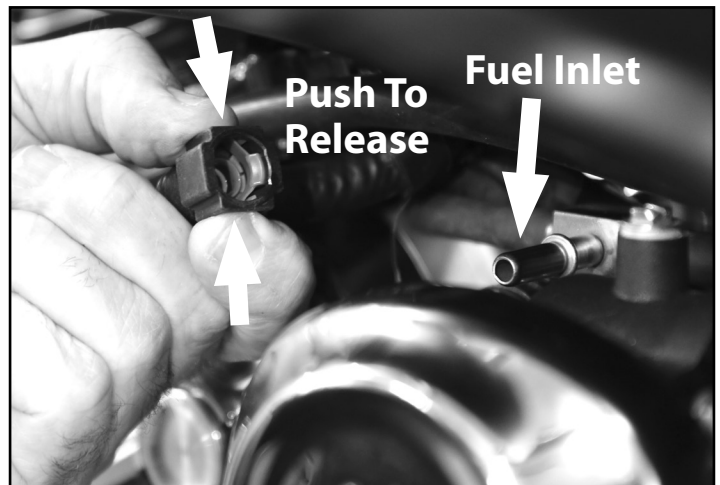
Picture 2

6. Disconnect the fuel pump electrical connector under the fuel tank. **See Picture 3.**



Picture 3

7. Pinch the two fuel line connector release buttons on the throttle body fuel inlet. Pull the fuel line from the throttle body inlet. **See Picture 4.** Push the fuel line back under the frame rail to clear the rail, other hoses, and wiring to facilitate fuel tank removal.



Picture 4

8. Remove the fuel tank and set it aside.



WARNING



Some fuel may leak out of the fuel line when it is disconnected. Have a shop rag ready to catch any spilled fuel.

9. Raise the lift to a comfortable working height.
10. Place a jack under the engine from the left side, and raise it until the rear tire almost comes off the lift. The purpose for this is to relieve stress on the frame members to allow the top frame rails to be easily removed. **See Picture 5.**

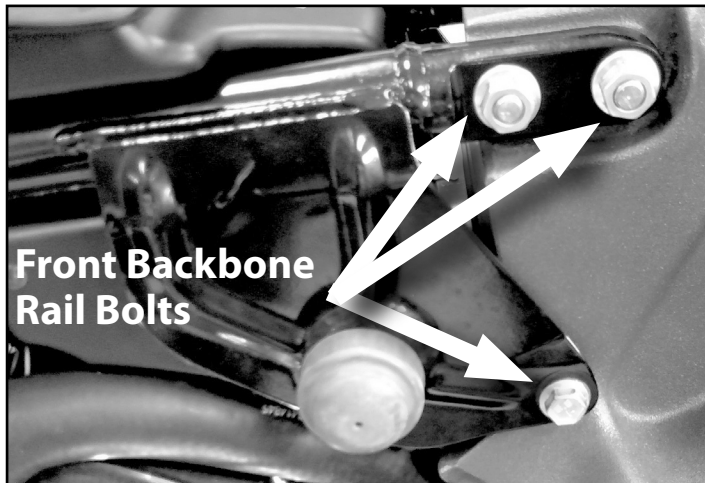


Picture 5

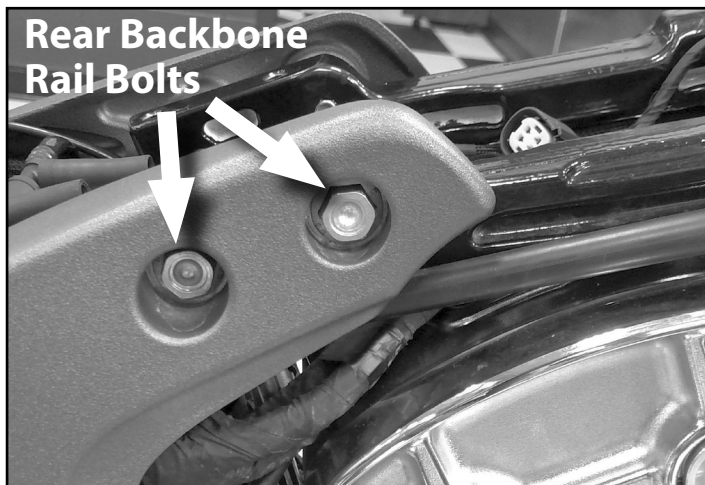
CAUTION

The rear brake line is bolted to the right side of the crankcase. Make sure the jack does not contact the brake line as damage may result.

11. Clip the wire ties holding the wiring harness to the backbone rails. Make a note of where the wire ties were attached to the rail.
12. Loosen the bolts holding the backbone rails to the chassis. Start with the smaller bolts on the front end of the rails. Loosen the larger bolts toward the rear, and loosen the through-bolts toward the front of the rails last. **See Picture 6 and Picture 7.**



Picture 6



Picture 7

NOTE - If bolts do not turn easily, there is tension on them and it may be necessary to adjust the height of the jack to relieve the stress.

13. Remove the bolts and remove the backbone rails.
14. Loosen the large hose clamp on the front of the stock air cleaner assembly.
15. Disconnect the two breather hoses from the cylinder heads
16. Work the air cleaner assembly off the throttle body. It may be quite tight. It may be easier to put the lift down to provide a better position to grip the assembly.
17. Remove the stock air cleaner and the large hose clamp that held it in place. Remove and save the rear breather hose from the stock air cleaner assembly.

18. Install the supplied T-fitting in the hole in the the bottom of the S&S air cleaner. Attach the stock rear breather hose to the rear leg of the T-fitting, and attach the supplied straight breather hose to the front leg of the T-fitting. **See Picture 8.**



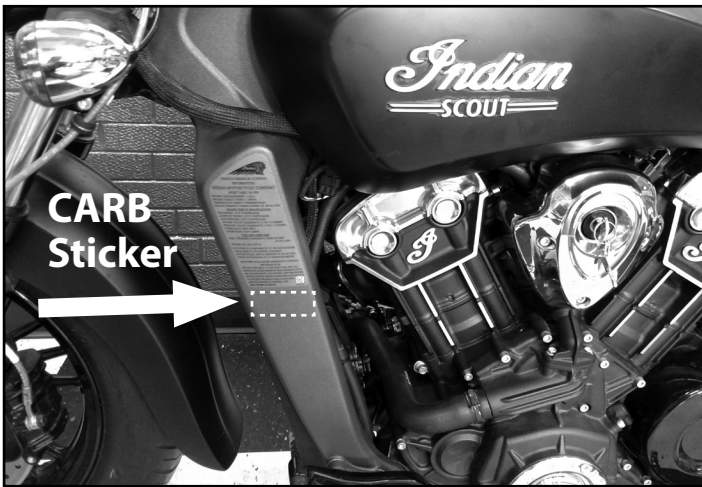
Picture 8

19. Install the large hose clamp supplied in the kit to the boot on the bottom of the S&S air cleaner. Position it so the screw will be toward the rear of the bike with the air cleaner is installed. This provides the easiest access to the screw head when installed. **See Picture 8.**
 20. Hold the S&S air cleaner assembly in place, and mark the straight front breather hose for length.
 21. Cut the required amount (about an inch) from the front breather hose. A hose cutter is recommended to produce a clean cut and a square end. **See Picture 8.**
 22. Replace both the backbone rails and fasteners. Torque larger frame tube to mid-cast/frame fasteners 35 ft/lbs, and the smaller frame tube bracket fasteners to 19 ft/lbs
- NOTE - It is recommended that the smaller, short bolts be installed first, followed by the longer through bolts. If bolts don't thread in easily it may be necessary to adjust the height of the jack to relieve stress on fasteners.*
23. Reattach the wiring harness to the backbone rails with wire ties.
 24. Hold the air cleaner assembly in place and connect the breather hoses to the cylinder heads. No clamps are required.
 25. With even pressure and a rocking motion, press the boot on the bottom of the air cleaner over the top the throttle body. Tighten the hose clamp. **See Picture 9.**



Picture 9

26. Slide the fuel tank back on to the rubber mounting bosses and hold the rear end of the tank up. Propping the tank up with a block of wood allows work to proceed with both hands free.
27. Reconnect the fuel pump electrical connector, the overflow/evaporative emissions hoses, and the fuel line. Lowering the fuel tank allows more slack in the fuel line and makes it easier to push the connector on to the inlet of the throttle body.
28. Set the fuel tank down and re-install the four bolts that hold it to the chassis. Torque to 18 ft-lb.
29. Reattach negative battery cable and clip the fuse box back in place.
30. Replace the seat
31. Apply the included California Air Resources Board (CARB) label containing the Executive Order number to the frame casting below the factory label. Do not cover up any portion of the factory label. See **Picture 10**



Picture 10



Do not apply this label to motorcycles not covered by this application.