Gasoline is extremely flammable and explosive under certain conditions. Read instructions thoroughly and carefully so all procedures are correctly followed. If motorcycle has been running, wait until engine and exhaust pipes have cooled down to avoid getting burned before performing any installation steps.

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.

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.

Be sure all federal, state and local laws are obeyed with the 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.

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 incompletely understood before performing any installation steps.
- 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.

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# K-010-5 for all 2018–2019 HD Softail Models
MODELS EQUIPPED WITH OE MID MOUNT FOOT CONTROLS REQUIRE S&S MID MOUNT BRAKE PEDAL KIT (P/N 560-0259) FOR PROPER BRAKE PEDAL CLEARANCE.

NOTE—The following installation procedure assumes that a stock exhaust system is being removed. If the bike you are working on has something other than the factory exhaust system, you may need to source some of the fasteners listed below.

1. Unplug stock oxygen sensors. Front O2 sensor connector is located near regulator. Rear O2 sensor connector is located under the seat.
2. Remove stock header mount bolts. If necessary, loosen heat shield hose clamps to ease removal.
3. Remove exhaust system and set aside, taking care not to scratch cylinder heads. Remove stock flanges, retaining rings, and O2 sensors, save for reuse.
4. Remove stock mount from frame. Remove stock saddlebag mounting bung from stock bracket if equipped, save for reuse.
5. For models using OEM saddlebags, install saddlebag support bung towards the outside of the saddlebag mount bracket, apply loctite and tighten screw to (100 lb/in). Place saddlebag adapter (#16) between supplied exhaust bracket and frame. For models without saddlebags, install provided exhaust bracket, torque to 30-45 lb./ft.
6. New conical exhaust gaskets are supplied in kit. Replace as necessary to prevent exhaust leaks.
7. Install flanges and retaining rings onto S&S header. Oxygen sensors and supplied adapters should be installed at this time. Use anti-seize on all O2 adapter and sensor threads.
8. Install front header heat shield, then rear header heat shield. Connect and loosely tighten all worm gear clamps. Position screw heads according to parts diagram arrows.
9. Apply anti-seize to exhaust studs, and loosely install the new header using supplied 5/16-24 hex flange nuts. Seat the rear pipe first then the front. Exert a firm pull forward on the front pipe, while keeping the rear pipe seated. Be careful not to damage gaskets. Do not fully tighten the flange nuts yet.
10. Install collector heat shield. Slide collector heat shield forward to lock front heat shield tabs onto the header heat shields.
11. Set heat shield clearance to muffler by sliding muffler forward. Ensure that there is 0.080-0.125” clearance between heat shield and muffler body to maintain a gap between parts to prevent damage to coating. After determining final muffler position, tighten heat shield clamp to 100-120 lb-in. and tighten torca clamp to 42 lb-ft.
12. Reconnect oxygen sensor electrical plugs.
13. Before operating motorcycle, clean pipes and mufflers with soap and water or window cleaner. Any grease or oil will permanently burn onto pipes. Dry thoroughly.
14. Check all mounting hardware to be sure it is tight before and after first operation of motorcycle. Periodically, check tightness of all mounting hardware.
1. Pipe, Header, Super Street, 2 into 1, Weldment, M8 SOFTAIL® EXCEPT Fat Boy® and Breakout® ........................................ 551-0761
2. Front Shield,
   Black ........................................ 551-0764
   Chrome .................................... 551-0766
3. Rear Shield
   Black ........................................ 551-0769
   Chrome .................................... 551-0771
4. Collector Shield
   Black ........................................ 551-0774
   Chrome .................................... 551-0776
5. Muffler — 50-State
   Black ........................................ 551-0750
   Chrome .................................... 551-0754
6. Bracket, Muffler, 2 into 1, Powdercoated, Black,
   M8 SOFTAIL® EXCEPT Fat Boy® and Breakout® ........................................ 551-0734
7. Hardware kit (includes #7-17 below) ........................................ 551-0735
8. Adapter, Oxygen Sensor, 12mm to 18mm, Stainless Steel ........................................ 550-0375
9. Muffler clamp, band style ........................................ 551-0135
10. Screw ........................................ 500-0877
11. Screw ........................................ 500-0763
13. Gasket, Exh, Tapered, Stainless Steel 65324-83B, 65324-83A ........................................ 106-5029
14. Clamp, Hose, Worm Drive, SAE #20 ........................................ 551-0527
15. Clamp, Hose, Worm Drive, SAE #24 ........................................ 500-0791
16. Clamp, Hose, Worm Drive, SAE #40 ........................................ 551-0404
17. Bracket, Bag Mount, Flat Pattern, 2018-’19 ........................................ 551-1096
18. Plate, Nut, 5/16-18 x 2", Clear, Zinc ........................................ 551-0469