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BMW S1000RR (10-19) / S1000R (14-20) CT EXHAUST SYSTEM INSTRUCTIONS

The Brock's Performance full exhaust system for the S1000 is a 4-2-1 high-performance full exhaust system that replaces the OEM muffler, catalytic converter, and head pipes.

Check Package Contents:

The Package Contents Include:

1. One (1) Muffler
2. One (1) Left Head Pipe
3. One (1) Right Head Pipe
4. One (1) Collector
5. One (1) Mid Pipe
6. Four (4) Mounting Flanges
7. One (1) Package Containing Hardware
8. One (1) Package Containing Instructions

If your package contents differ, please contact Brock's Performance at 937-912-0054.

For additional installation support please refer to the OEM service manual.



Removal Instructions:

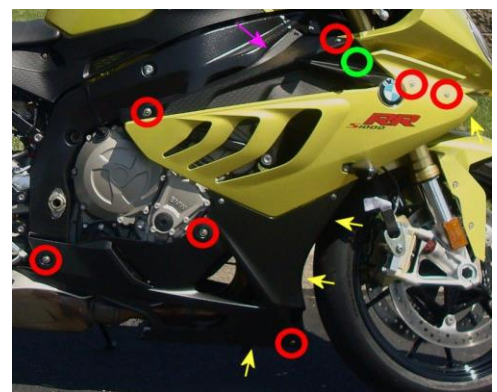
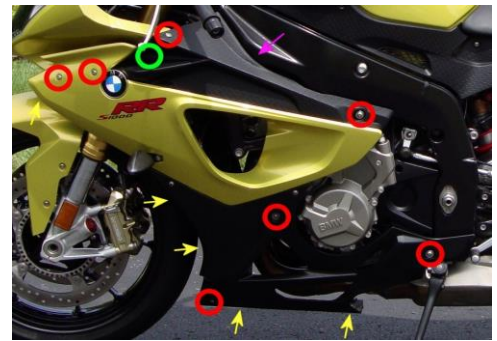
1. Support the bike using a wheel stand or lift.
2. Remove the left and right side fairings.
3. Remove the seat.
4. Remove upper, left, and right fuel tank trim panels.
5. Loosen the muffler clamp.
6. Remove the muffler mounting bolt and remove the muffler.
7. Disconnect left and right side oxygen sensor connectors.
8. Remove the cable from the front exhaust valve servo motor.
9. Remove the cable from the retaining clip and remove it from the pulley end.

Note: Servo motors must remain installed and plugged in to avoid service codes.

10. Remove the rear exhaust valve servo cables.
11. Remove the radiator/oil cooler bracket.

Note: Place cardboard around the radiator and oil cooler to prevent damage to the aluminum fins during exhaust removal/installation.

12. Remove the "E" clips and washers from the bottom of the radiator and bottom of the oil cooler.
13. Remove two (2) bolts securing the oil cooler to the radiator.
14. Remove eight (8) head pipe nuts.



15. Remove two (2) bolts securing the catalytic converter (CAT) to the frame.
16. Remove four (4) bolts securing the brackets to the CAT.
17. Remove the OEM front section from the bike.

Installation Instructions:

Note: Before installing the performance exhaust system, preassemble all components to check fitment. A slight ovaling of the exhaust tubing can occur during production; this is normal. Apply WD-40® to the pipe joints to ease assembly, adjustment, and disassembly.

18. Inspect the OEM exhaust gaskets. Replace as needed.
19. Insert the flange collars into the flanges. Install the flanges to the engine hand tight using the nuts from step 14.
20. Insert one (1) spring into each flange collar.
21. Remove the oxygen sensor from the OEM front section and install it into the left and right head pipes.

Note: If the bike is equipped with a Dynojet PCV, removal of the OEM oxygen sensors is required for optimum performance. Block off plugs are included.

CT Single: Follow Steps 22 through 24 (skip step 25).

CT Meg: Follow Step 25 (skip steps 22 through 24).

22. Remove the right side passenger footrest. Install the supplied M8 hex nut into the opening behind the footpeg.
23. Attach the short end of the muffler bracket with the supplied M8 bolt and washer. Tighten the bolt so the M8 nut does not interfere with the footpeg.
24. Install the right side passenger footrest.
25. Install the supplied muffler bracket behind the right side footpeg as shown using the OEM muffler hardware.
26. Install left and right head pipes, collector, mid-pipe, and muffler.
27. Secure the muffler to the muffler bracket using the supplied bolt, washers, and nut hand tight.
28. Install one (1) spring to each head pipe to secure the mounting flanges (4 total).
29. Install two (2) springs to secure the collector to the head pipes.
30. Install two (2) springs to secure the mid-pipe to the collector.
31. Install two (2) springs to secure the muffler to the mid-pipe.
32. Wiggle the entire system to ensure pipes are fully seated.
33. Torque eight (8) exhaust flange nuts to 15 lb-ft (20 N·m).
34. Tighten the muffler mounting hardware.
35. If oxygen sensors are installed, reconnect them.
36. Using the supplied cap, block off the PAIR system following the supplemental instructions.
37. Wipe down the entire exhaust system with rubbing alcohol.
38. Reinstall body panels and the seat removed in steps 2 through 4.



Warranty Info: The PAIR system must be blocked off in order to prevent premature exhaust failure. Please refer to the PAIR Block Off Cap instructions. They can be found at BrocksPerformance.com

Muffler Break-in Procedure: After installing a new Brock's CT exhaust system on your motorcycle, it is important to break in the muffler properly before taking it for a ride. To do this, begin by letting the bike idle up to operating temperature. Once there, let it idle for an additional 5-10 minutes allowing the muffler to get hot. It is important not to race or rev the engine during this time, as it can cause the packing to shift. Once the bike has idled and the muffler is hot, turn it off and let the muffler cool completely (approximately one hour) before taking it out on a ride. Following this break-in procedure will help ensure that your exhaust system is working properly and safely. Happy riding.



****CT Single Shown****

DO NOT START BIKE UNTIL A MINIMUM OF A 1/4-INCH (6 MM) CLEARANCE IS OBSERVED BETWEEN THE EXHAUST COMPONENTS AND ALL BODYWORK/PARTS.

- Failure to ensure proper clearance may result in burned plastic. Brock's Performance exhaust systems are designed to provide appropriate clearances. If minimum clearances are not obtained, remove the springs on the exhaust system and adjust until proper clearance is achieved.
- It is recommended that the entire exhaust system is wiped down with **rubbing alcohol** to remove oil and fingerprints before starting the bike. This will help prevent tarnishing of the finish after the bike has been started and the exhaust has heated up.
- **Fender eliminator kits are recommended on some models; see BrocksPerformance.com for more details.**

ALL BROCK'S PERFORMANCE PRODUCTS ARE DESIGNED FOR CLOSED-COURSE RACETRACK USE ONLY!

For more information on Brock's Performance Warranty and Terms and Conditions:
BrocksPerformance.com > Brock's Support > Customer Service > Terms and Conditions

For Questions and Comments:
BrocksPerformance.com > Brock's Support > Customer Service > Contact us or call 937-912-0054