

2015-2024 Indian Scout Backdraft Exhaust Installation

Safety Precautions

- If you're not comfortable with mechanical work, consult a professional mechanic.
- Ensure the motorcycle is on a stable, level surface and supported with a stand or lift.
- Allow the engine and exhaust to cool completely before starting to avoid burns.

Tools required: Socket set, wrenches, torque wrench, scissors, and anti-seize compound (for O2 sensor threads).

Installation Steps

1. Remove the factory exhaust system, including the pipes, mufflers, and exhaust frame mount.
2. Inspect the cylinder head exhaust ports for damage and clean as needed.
3. Inspect the exhaust gaskets for wear and replace them with new ones if necessary.
4. Remove the oxygen sensors from the existing exhaust.
5. Apply anti-seize to the oxygen sensors and the included 12mm to 18mm adapter bushings. Install them in the new exhaust and torque to 14 ft-lbs.
6. Your new exhaust includes a protective cloth or sleeve. Leave it on during installation to prevent scratches.
7. Install the included exhaust mounting bracket to the frame using the supplied hardware. Torque the frame mounting bolts to 50 ft-lbs. Ensure it's secure before proceeding.
8. In the following steps, install the hardware loosely first. Do not fully tighten until both pipes are in place; this allows for proper alignment and prevents binding.
9. Loosely install the front pipe first: Insert the exhaust gasket while attaching it to the front cylinder head exhaust port and the **upper hole** on the exhaust mounting bracket using the provided hardware.
10. Loosely install the rear pipe: Insert the exhaust gasket while attaching it to the rear cylinder head exhaust port and the **lower hole** on the exhaust mounting bracket using the provided hardware.
11. With both pipes in place, align them evenly with each other and fully torque all hardware:
 - Head pipe nuts (at cylinder heads): 12 ft-lbs.
 - Bracket bolts (exhaust to mounting bracket): 20 ft-lbs.
12. Carefully cut and remove the protective sleeve from the exhaust using scissors. Work slowly to avoid scratching the finish and avoid contact with the pipes.
13. **Post-installation curing process:** In a well-ventilated area, start the engine and let it idle for 90 seconds, then turn it off and allow the exhaust to cool completely. Repeat this heat cycle 2-3 times to cure the exhaust coating and burn off any oils. Check for exhaust leaks during each cycle, and if detected, re-torque or replace the gaskets. **Warning:** The exhaust will be hot—do not touch it during or immediately after heat cycles. Expect smoke from the coating or wraps during initial use; this is normal and will dissipate.
14. After the first 500 miles, re-torque all fasteners. Periodically inspect the system for looseness.

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