

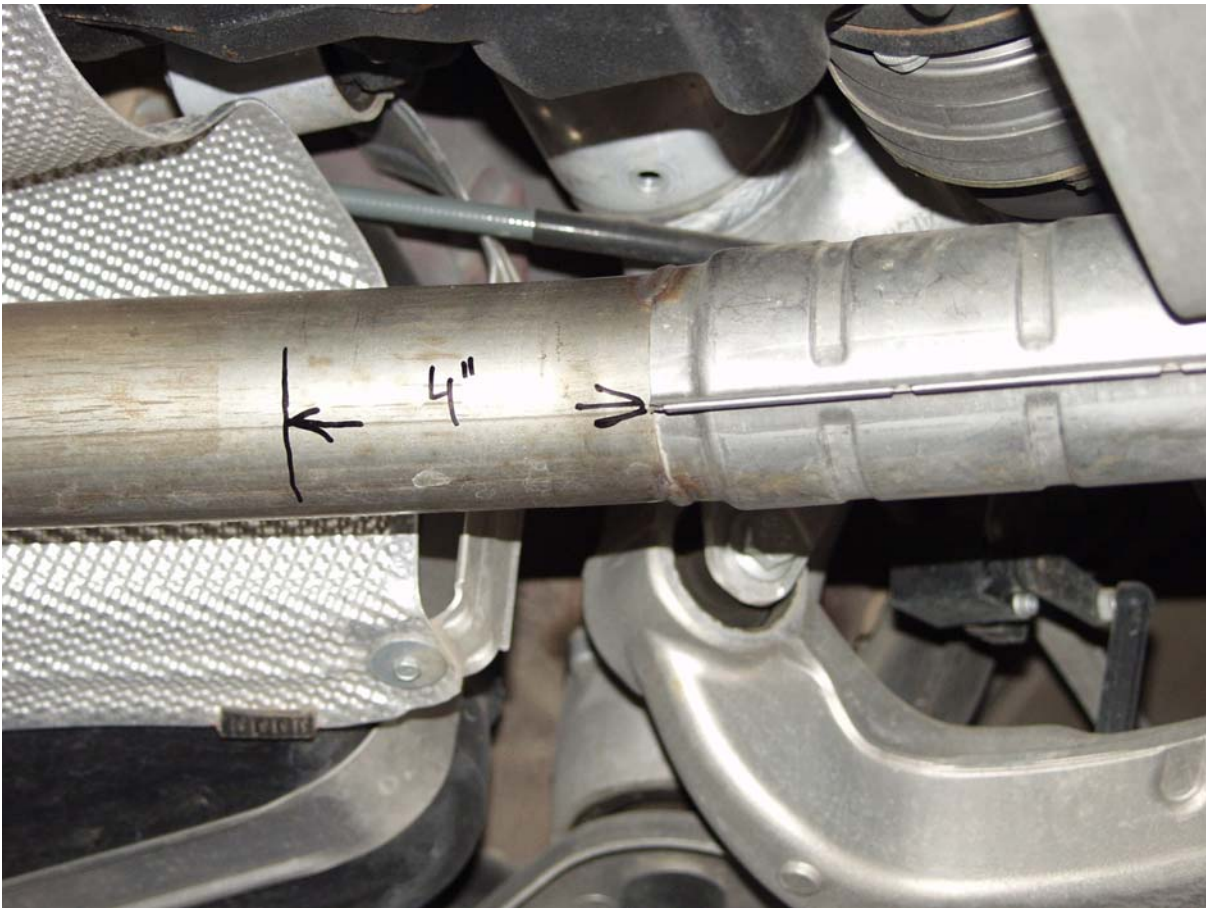


The Billy Boat Exhaust system is a high-performance, emissions compliant muffler system that requires special installation care. Since the factory exhaust system is a one-piece design it is necessary to “cut-and-clamp” when installing the Billy Boat Exhaust system. It is recommended that a professional exhaust technician perform the installation.

1. Disconnect the battery negative terminal for safety and to reset the vehicle's on-board computer.
2. Secure the vehicle on a wheel lift.
3. Measure 4-inches from the front of the rear heat shield and mark with a scribe or permanent marker. Remember, it's always better to leave it long and trim as necessary.



4"Cut



Ground Strap

4. Cut straight across the pipe until completely through. Remove burrs from the remaining exhaust pipe.
5. Unbolt the ground strap. Unbolt the rear muffler hangers from the chassis and remove with the muffler still attached.
6. Transfer the hangers off the original muffler to the new Billy Boat Transfer the ground strap to the new muffler. Slip the supplied adaptor into the new muffler pipe and clamp in place.
7. Using the provided stainless steel band clamp, slip the inlet-end of the Billy Boat Exhaust muffler over the remaining exhaust pipe. The fit may be tight, as it should be. Attach the ground strap to muffler.
8. Once the muffler and tip are aligned tighten the stainless steel clamp. While not absolutely necessary, it is recommended to spot-weld the joint of the Billy Boat Exhaust and the factory exhaust pipe to prevent slippage.
9. It is normal for stainless steel to discolor slightly. To ensure a quality, lasting finish, thoroughly wipe down the entire Billy Boat Exhaust prior to starting.
10. Reconnect the battery negative terminal and start the vehicle. Listen for exhaust leaks and ensure there is no contact between the Billy Boat Exhaust system and any component of the vehicle.

Billy Boat Exhaust Safety

SAFETY: Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personal injury or death. Read each step of the installation manual carefully before starting the installation.

- Always wear safety glasses for eye protection.
- Place the ignition switch in the OFF position.
- Always apply the parking brake when working on the vehicle.
- Block the front and rear tire surfaces to prevent unexpected vehicle movement.
- Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
- Do not smoke or use flammable items near or around the fuel system.
- Use chemicals and cleaners only in well-ventilated areas.

- Batteries can produce explosive hydrogen gas which can cause personal injury. Do not allow flames, sparks or flammable sources to come near the battery.
- Keep hands and any other objects away from the radiator fan blades.
- Keep yourself and your clothing away from moving parts when the engine is running.
- Do not wear loose clothing or jewelry that can be caught in rotating or moving parts.

VEHICLE SUPPORT WARNING: Should the purchaser decide to install this exhaust product at home, be warned that car or light duty truck/van "bumper" jacks are intended for emergency use only. The use of frame contact jack stands in conjunction with a floor jack as main support is highly recommended to minimize accidental dropping of a vehicle while the installation proceeds. We recommend the use of a shop hoist if possible. Please use caution!