



Your Billy Boat Exhaust system was designed to be a direct replacement exhaust system, while offering the best performance, finish and value available from a stainless steel exhaust system. Proper installation will ensure a lifetime of quality and performance from this product.

Please follow these instructions carefully to get the most from your exhaust system.

- 1) Disconnect the NEG (-) battery terminal. Disconnecting power from your vehicle may allow the computer to “clear” its memory during installation.
- 2) Loosen clamp bolts from driver side and passenger side rear mufflers.
- 3) Remove the stock mufflers from the rubber hangers one at a time. You may need to apply some WD-40 to the rubber hangers for ease of removal.
- 4) Remove the flange bolts from the center section axle hoop and lower them from the Jeep.
- 5) Install the rear mufflers into the rubber hangers. There will be a driver side and a passenger side muffler. Slide the supplied clamps over the tube ends and let the mufflers rest on the rear axle.
- 6) Install the x-pipe into the rear mufflers tubes. Place the hangers onto the existing rubber hangers.
- 7) Place a supplied clamp onto each center tube. Install the center tubes one at a time. Loosely tighten the supplied nuts, bolts and clamps.
- 8) Using a straight edge align the rear mufflers so the tips are straight and even. Tighten all clamps, nuts and bolts working from the rear of the vehicle forward.
- 9) It is normal for stainless steel to discolor slightly. To ensure a quality, lasting finish, thoroughly wipe down the entire system before starting.
- 10) Reconnect the battery NEG (-) terminal.
- 11) Start vehicle.
- 12) With the vehicle running at an idle, check for exhaust leaks at each connection. If there is a leak, check that the mounting hardware is tight.

---

#### **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!