

# GUNSHIP INSTALLATION INSTRUCTIONS

## Tailgunner® Direct - Application / Slip-on Exhaust



### CAUTION: PLEASE READ BEFORE INSTALLATION.

**Disassembly of your Tailgunner® product will automatically void your one year warranty. Please contact us with any questions before attempting to disassemble your Tailgunner rotary cannon exhaust.**

We recommend that this Tailgunner® exhaust system be installed by a qualified technician. Before installing this product be sure you have a basic mechanical understanding of your vehicle. If you have any questions regarding your ability to perform a safe installation of this product consult with an authorized motorcycle dealer or service center. Read all instructions and warnings thoroughly before installation. Tailgunner® designed this product to be consumer friendly with easy installation. However, you are working on sophisticated equipment that requires basic mechanical knowledge for continued safe usage.

**The Tailgunner® GUNSHIP™ and B-52 JET-PIPE™ Exhaust systems are a direct, slip fit application for all Harley Davidson FL (Bagger) model motorcycles.**

They install directly utilizing the existing hardware. PLEASE RETAIN THE STOCK FASTENERS AND CLAMPS AS YOU WILL RE-USE THEM. If you have any questions regarding your ability to perform a safe installation of this product consult with an authorized motorcycle service center.

### TOOLS REQUIRED:

- 1/2" Wrench or socket. (For under bags)
- 9/16" Wrench or socket. (For clamp between head pipe and muffler)

### REMOVAL PROCEDURE:

- Ensure motorcycle and exhaust system are cool before attempting removal.
- Follow service manual instructions regarding removal of O.E.M. equipment.
- Use caution not to damage O.E.M. head pipes.

### INSTALLATION PROCEDURE:

- Due to design and space limitations on some models, ground clearance may be reduced.
- Adding a free flowing exhaust system may require re-jetting of the carburetor.
- Make sure the vehicle is secure before installation.
- Ensure the motorcycle and exhaust system are cool before attempting installation.

**NOTE:** Do not tighten any connections or clamps before installation is complete. To ensure proper fit and alignment all hardware is tightened at the end of installation.

1. Loosen the clamps (9/16") that join the stock mufflers to the head-pipes.
2. Loosen the two bolts (1/2") under the saddle-bags that secure the end of each stock mufflers to brackets.
3. With muffler secure, remove the two 1/2" bolts that secure the stock mufflers to the bracket on motorcycle.  
SAVE THESE BOLTS AS YOU WILL RE-USE THEM.
4. Remove stock mufflers by sliding backwards. Slip stock 9/16" clamp over inlet side of Tailgunners®.
5. Slip on new mufflers. (Note the right and left side pipes by positioning the logo to the outside.) Line up the rear mounting brackets and finger tighten 1/2" bolts.
6. Make sure muffler and hardware are aligned straight and correctly. Tighten 9/16" clamp.
7. Tighten 1/2" bolts to secure outlet side of Tailgunners® to motorcycle support brackets.
8. Thoroughly clean Tailgunner® products with solvent and a clean soft cloth. Dirt, oil and finger-prints can become permanent when the system becomes hot.
9. Re-check system fasteners and make sure it is secure after 25, 50 and 100 miles of usage.
10. Lubricate the bearings with the hose tip of a synthetic spray every 1,000 miles of operation.

### - PLEASE READ -

**NOTE:** Tailgunner® exhaust products are not intended to replace original manufactures equipment. Tailgunner® Exhaust specifically disclaims any warranties of mechanical or fitting for a specific purpose and also disclaims all responsibility for consequential damages or incidental damages or any other losses arising from the use of these parts and products.

**NOTE:** Tailgunner® Exhaust warranties against defects in manufacturing for one year from date of purchase.

**NOTE:** Tailgunner® Exhaust does not warranty any chrome finishes against discoloration. All exhaust systems change color. This is not a defect in manufacturing. It is recognized as an inherent part of usage.

**NOTE:** Disassembly of your Tailgunner product voids all warranties.

**NOTE:** Operation of vehicle with Tailgunner® Exhaust installed voids your ability to return product.

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