

USE AND WARRANTY DISCLAIMER

Thank you for choosing the SuperTrapp Road Legends pipes by Paul Yaffe. Please read the following disclaimer carefully.

Fitment: This system was designed to fit stock O.E.M. Harley-Davidson® Softail® models (FLST/FXST) and Dyna® models (FXDF/FXDWG/FLD). Installation of this product on a custom Softail or Dyna with an aftermarket frame is at your own risk. Proper fitment and suitability of this product in your application must be decided by you. If this exhaust system is installed in such a manner that the mount brackets or pipe mounts are in a bind, this exhaust system will break. Please take your time when installing these pipes following the directions carefully and make sure they are suitable to your application. This system will NOT fit Harley-Davidson Sportster, FXR, or FLH models. If you are not sure, please feel free to contact Paul Yaffe Originals at (602) 840-4205 for technical assistance.

Return/Warranty Policy: All components carry a one year warranty against structural failure during the first 12-month period that follows the retail sales date. A dated sales receipt (Proof of Purchase) or copy must accompany all warranty returns. Any failure with- in this period will be replaced or repaired without charge and the freight will be prepaid. All warranty returns must have a Return Authorization Number (RMA#) from our Customer Service Department and the freight must be prepaid. SuperTrapp Industries reserves the right to refuse warranty on products where misuse or abuse is determined. All Return/Warranty issues must be dealt with from the original place of purchase. If an end user deals directly with SuperTrapp Industries, a \$25.00 service fee will be accessed.

SuperTrapp Customer Service: You may contact our Customer Service Department via e-mail at sales@SuperTrapp.com, or at (216)265-8400 between 8am-5pm Eastern Time.

Since 1975, SuperTrapp has built a reputation on innovation and technical superiority. SuperTrapp® R&D is constantly designing, testing and improving; providing you with the latest in state of the art performance engineering. SuperTrapp® products are absolutely the best performance items available. They will provide years of trouble-free service.

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Installation Instructions

WARNING: This product will not fit Dyna models with mid controls. Changing to forward controls will allow fitment on these models.



AIR CLEANER NOTICE!

Installation of this product on 2012-2015 Dyna or 2016 Softail models will require the use of an aftermarket air cleaner housing. We found that the stock air cleaner housing interferes with the front head pipe on the Phantom and will not allow fitment on these bikes. Use of a different style air cleaner housing will allow fitment on these models.

Phantom Pipe™ by Paul Yaffe Baffled, Black Ceramic 2:1 Drag Pipe with Chrome Heat Shields.

138-71680: For Harley Davidson® FLST/FXST Softail® and FXDWG/FXDF/FLD Dyna Models.

REMOVAL OF STOCK SYSTEM:

1. Unplug the front & rear oxygen sensors from the stock wiring harness. **NOTE: The rear oxygen sensor connection is located under the seat in the battery compartment. You will have to remove the battery to remove the oxygen sensor completely!**
2. FLST MODELS ONLY: Remove right side floorboard. The floorboard will be re-installed after the new system installation.
3. Remove the stock exhaust system as described in the service manual. Retain the flange nuts for the new system installation.
4. Remove the snap rings and flanges from the stock head pipes and retain for new system installation. **NOTE: Replace snap rings if cupped or twisted and do not seat properly in the flange. HD part# 65325-83A.**
5. Remove both oxygen sensors from the head pipe and retain for new system installation. **CAUTION! Be careful not to damage or contaminate the tip of the sensors!**
6. Remove the main mount bracket. For models using the foot peg as a mount point, re-install the foot peg using the 3/8-16 x 2.50" socket head screw supplied in the hardware kit.
7. Remove transmission mount bracket if so equipped
8. The exhaust gaskets should be replaced to achieve a proper fit and seal. Use HD part# 65324-83A.

SYSTEM INSTALLATION:

1. Install the stock flanges and snap rings on both head pipes.
2. Remove the bottom two bolts from the transmission cover. Install the new mounting bracket using the 1 1/4" long socket head bolts and flat washers supplied. Leave bolts loose so that the bracket can slide back and forth freely. **(See Figure 1)**
3. Apply anti-seize to the threads of the oxygen sensors and install in new head pipes. **(CAUTION! Apply a VERY LIGHT amount of anti-seize to the oxygen sensor threads ONLY. Contamination of the sensor probe can adversely affect engine performance.)**
4. Install the head pipe using the stock flange nuts. For **Softails**, align the bracket on the pipe above the transmission mount bracket **(See Figure 2)**. For **Dyna** models, align the bracket on the pipe under the transmission bracket and slide a 5/16" washer (supplied) between the gap in brackets **(See Figure 3)**. Install the 5/16" bolt and flat washer through the slot from the top, through both brackets. Install a flat washer and lock nut on the bolt. **DO NOT TIGHTEN.**
5. Begin tightening all fasteners. Start with the transmission bolts, then the flange nuts at the ports. Progressively tighten the front and the rear head pipes. You will feel the pipe start to seat in the gaskets. **DO NOT TIGHTEN COMPLETELY.** Fully tighten the bolt at the transmission mount, then finish tightening the flange nuts at the port.
6. Reconnect oxygen sensors to wiring harness. Re-route the front oxygen sensor by removing the connector from the retaining clip and routing it up behind the front foot controls. Secure with plastic tie-wraps included in hardware kit. **(See Figure 4)**

IMPORTANT: AFTER A SHORT RIDE CHECK AND RETIGHTEN ALL FASTENERS.

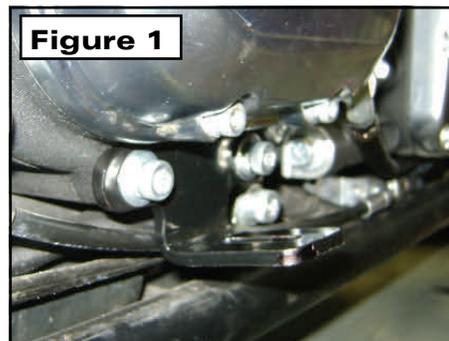


Figure 1

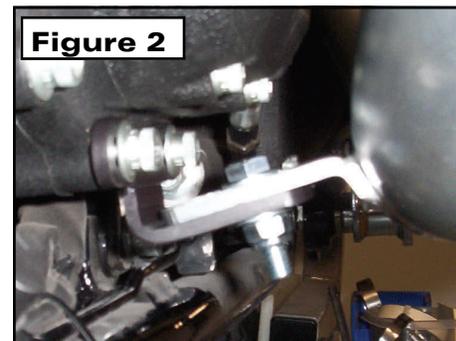


Figure 2

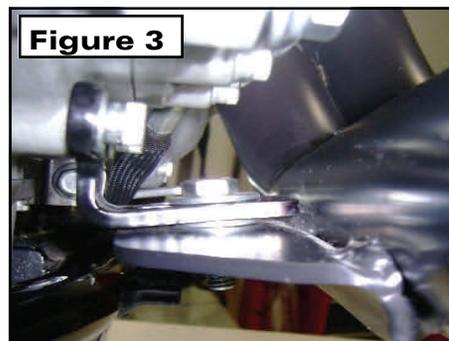


Figure 3

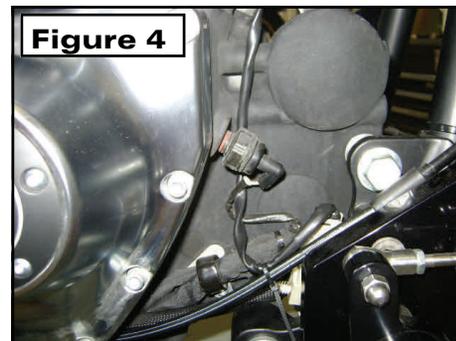


Figure 4

Tuning Tips:

For maximum performance gains, we suggest using a free-flowing air filter kit with this exhaust system. As always, making performance modifications may affect the fuel delivery system of your motorcycle. It is recommended by Supertrapp to have your fuel delivery system tuned to ensure maximum performance and reliability. This work should always be performed by a certified technician.