

M8 Softail Exhaust Instructions



Congratulations on your new Thrashin Anti-Reversion Exhaust System.

Before you get started make sure you have new square style exhaust gaskets and fresh retaining rings to ensure a good seal at the exhaust ports.

Start by removing your stock exhausts by following the steps below,

1. Locate the rear O2 sensor connector. Remove the two bolts holding the right side cover in place and gently pull cover off bike. NOTE: Pay attention to the wire routing for re-installation.
2. Locate the front O2 sensor connector. Unplug the sensor and feed the end of the wire through the frame, freeing it from the motorcycle.
3. On Floor board models, loosen the right-hand floor board mounting bolts to gain clearance for the exhaust removal and installation.
4. On Mid Mount models, remove the mid mount foot peg bracket.
5. Loosen the heat shield clamps on both the front and rear exhaust pipes.
6. Remove the two mounting nuts from each head pipe, located at the cylinder head.
7. Remove the bolts attaching the mufflers to the mounting bracket.
8. Remove the entire exhaust system and set it aside.
9. Remove the stock mounting bracket.
10. Carefully remove the exhaust port flanges and retaining rings from the stock exhaust system using the snap ring pliers. NOTE: Replace retaining rings.
11. Carefully remove the O2 sensors from the stock head pipes and save for re-use with the new system.

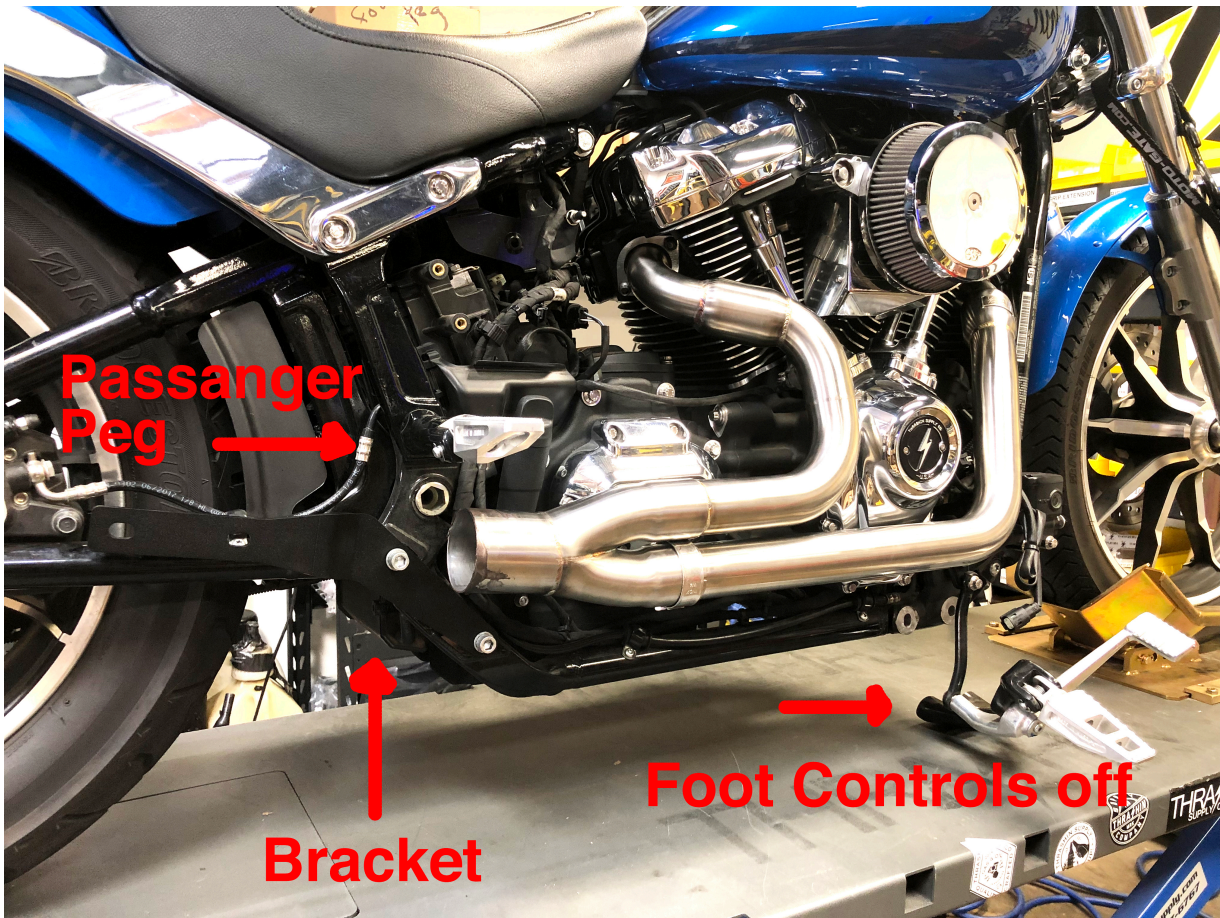
Thrashin Anti-Reversion Exhaust Installation

When installing a new set of stainless pipes, make sure your hands are clean and free of oil. After installation, thoroughly clean pipes with a soft cloth and cleaning solvent that will leave no residue (glass cleaner, alcohol, acetone, etc...) before starting the motorcycle.

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Remove head pipes from their protective packaging. Place each head pipe on a non-abrasive surface such as a blanket or carpet.

12. Install new retaining and stock flanges onto both the new head pipes.
13. Install the front header assembly into the front exhaust port first. Use the stock flange nuts, do not tighten at this time.
14. Loosely put your 51mm Clamp on your rear head pipe, at the collecting joint for the front and rear head pipe.
15. Install the rear header assembly into the exhaust port. Use the stock flange nuts, do not tighten at this time.
16. Install the supplied mounting brackets using the stock hardware and medium thread lock to the frame.



17. Slide your 2.75" Clamp loosely on your muffler, slide the muffler onto the header.

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18. Use the two supplied 5/16-18 x 3/4" bolts and 5/16" washers with medium thread lock to secure the muffler to the bracket.
19. Tighten the exhaust system nut, bolts, and clamps in the following sequence: (1) Head flange nuts (x4), (2) Muffler body 5/16-18 bolts, . Make sure the head pipes and mufflers are aligned, and ensure proper & even spacing between cam cover, foot controls, transmission and frame.
20. Route O2 sensor wires away from hot areas of the motorcycle. Plug the O2 sensor wires back into the wiring.
21. Install Foot Controls.
22. Be sure to tighten all hardware before starting motorcycle. After installation and before starting the motorcycle, completely clean pipes and mufflers with soapy water and a clean soft cloth. NOTE: Any residue, oil, or fingerprints will stain the finish when the metal heats up.
 - It is considered normal for stainless steel exhaust systems to discolor due to heat.
 - High performance engine tuning utilizing a dyno will likely result in severe discoloration.
 - Avoid long periods of idling as this can cause discoloration. Intake leaks can cause the engine to run lean and overheat and this could lead to discoloration.
 - Make sure there are no exhaust leaks at the junction of the exhaust pipes and cylinder head. We recommend replacing gaskets if they are worn.

NOTE: Some of THRASHIN SUPPLY's products: namely exhaust systems ARE NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES. The following disclaimer is associated with these THRASHIN products.

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES Apply a small amount of anti-seize compound to the threads of the O2 sensors and install them into the new head pipe. Install supplied 18mm to 12mm oxygen sensor adapter then install 12mm oxygen sensors.

IMPORTANT NOTICE:

Damage to THRASHIN SUPPLY® COMPANY due to incorrect installation will void manufacturer's warranty.

WARRANTY:

THRASHIN SUPPLY® COMPANY (TSC) All parts are guaranteed to the original purchaser to be free of manufacturing defects in materials and workmanship for a period of

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twelve (12) months from the date of purchase. Merchandise that fails to conform to these conditions will be repaired or replaced at TSC'S option if the parts are returned to TSC by the purchaser within the (12) month warranty period. In the event warranty service is required, the original purchaser must notify TSC of the problem immediately. Some problems may be rectified by a telephone call and need no further action. A part that is suspect of being defective must not be replaced without prior authorization from TSC. If it is deemed necessary for TSC to make an evaluation to determine whether the part was defective, it must be packaged properly to avoid further damage, and be returned prepaid to TSC with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem, how the part was used and the circumstances at the time of failure. After an evaluation has been made by TSC and the part was found to be defective, repair, replacement or refund will be granted.

ADDITIONAL WARRANTY PROVISIONS:

TSC shall have no obligation in the event an TSC part is modified by any other person or organization, or if another manufacturer's part is substituted for one provided by TSC. TSC shall have no obligation if an TSC part becomes defective in whole or in part as a result of improper installation, improper break-in or maintenance, improper use, abnormal operation, or any other misuse or mistreatment. TSC shall not be liable for any consequential or incidental damages resulting from the failure of an TSC part, the breach of any warranties, the failure to deliver, delay in delivery, delivery in non-conforming condition, or any other breach of contract or duty between TSC and the customer.

The installation of parts may void or otherwise adversely affect your factory warranty. In addition, such installation and use may violate certain federal, state and local laws, rules and ordinances as well as other laws when used on motor vehicles operated on public highways, especially in states where pollution laws may apply. Always check with federal, state, and local laws before modifying your motorcycle. It is the sole and exclusive responsibility of the user to determine the suitability of the product for his/her use, and the user shall assume all legal, personal injury risk and liability and all other obligations, duties and risks associated therewith. Our parts are intended for experienced riders only. THRASHIN SUPPLY® COMPANY reserves the right to change prices and/or discounts without notice and to bill at the prevailing prices at the time of shipments.

The words Harley®, Harley-Davidson® and H-D® and all H-D® part numbers and model designations are used in reference only. THRASHIN SUPPLY COMPANY is in no way associated with, or authorized by Harley-Davidson Motor Co®. to manufacture and sell any of the engine parts described in this instruction sheet.

