



HARLEY DAVIDSON 1991 & UP FXR / DYNA GLIDE INSTALLATION INSTRUCTIONS

Congratulations on owning a Genuine Thrashin Supply Company® exhaust system. This Thrashin Supply AR system is designed for maximum sound and performance. Please follow the instructions below for installation

CAUTION: WRAPPING of Pipe with Heat Tape may adversely affect the pipe & will Void Warranty!



TOOLS REQUIRED

5/16" Nut driver		7/16, 1/2" & 9/16" Sockets	
Snap ring Pliers		1/2", 9/16" & 7/8" Wrenches	
Socket Extension 3/8"		Ratchet 3/8"	
3/8" Socket Swivel		O2 Sensor Socket	

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

PARTS LIST

2 = # 24 Hose Clamps				2 = 12mm O ₂ Sensor Plugs	
2 = 18mm to 12mm Bushing Adapter				3 = 5/16-18 X 1-1/2" Socket Head Cap Screw	
2 = 5/16" Flat Washer		2 = 5/16-18" x 3/4" Head Bolts			
1 = FXR Bracket (TSC-1204-1)		1 = Dyna Bracket (TSC-1205-1)			

THRASHIN SUPPLY COMPANY SYSTEM

EXHAUST SYSTEM

1. Headpipe, Muffler End Cap Assembly



DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES



HARLEY DAVIDSON 1991 & UP FXR / DYNA GLIDE INSTALLATION INSTRUCTIONS

STOCK EXHAUST REMOVAL INSTRUCTIONS

1. Remove oxygen sensors from stock head pipes. It may be necessary to cut the zip ties on the down tube to free up the sensor wire. Be careful not to damage sensor.
2. Remove complete exhaust system. Save the flanges, Thrashin highly recommends installing new flange retaining clips and exhaust stud nuts. This system requires quality square cut exhaust gaskets.
3. Remove and save the (2) factory bolts on the stock bracket. Also remove the (1) stud bolt, which is replaced. (Figure 1)
4. This system requires installation of quality square cut exhaust port gaskets. See #TSC-1901-0

INSTALLATION INSTRUCTIONS FOR THRASHIN SUPPLY COMPANY SYSTEM

1. Install the bracket, clean mating surface, use the (3) 5/16"-18 x 1-1/2" socket head cap screws and flat washers. We recommend using Loctite® Blue (Or a similar product) on these three bolts in both scenarios, with lube on the underhead bolt flanges and washers. Keep bolts finger tight until, we recommend you get the complete system installed finger tight then torque all bolts starting from the exhaust port studs on back.
2. Slide the stock flanges onto the head pipes and carefully install new cir-clips onto the head pipes using snap ring pliers. Always make sure the cir-clip is seated fully in the exhaust flange recess before securing the flange onto the cylinder head.
3. Install O2 sensors use anti-seize compound on the inside and outside threads of the O2 ports, the Sensors, the adapters and/or the plugs before installation. On '06 – '11 the 18mm O2 sensors go into the head pipes, using a O2 sensor socket or a 7/8" wrench. On the 2012 – Up models install the provided O2 Sensor adapter into the O2 ports and the 12mm sensors into the adapters. Models without O2 sensors can use the 12mm plug.
4. Install new square cut style exhaust gaskets and apply moly lube or anti-seize to the exhaust studs and nuts
5. Install the head pipe assembly into the rear exhaust port then roll upward into the front exhaust port and secure loosely with the stock cir clips, flanges, and flange nuts.
6. Install muffler clamp onto headpipe, apply anti-seize to inside of muffler inlet and slide onto headpipe. Line up with the new exhaust mounting bracket and secure loosely with the flat washers. Lock washers and 5/16" x 3/4" hex bolts.
7. Starting at the front cylinder and moving back and forth, tighten down all the hardware a little at a time, while checking for adequate clearance between the exhaust and engine parts. This will help to align the header pipes for a proper seal.
8. Before starting the motorcycle, clean and wipe down the pipes with a non-residue or similar type of cleaner and a soft clean cloth. Removal of fingerprints and any oil base residue is necessary to avoid staining the chrome when the exhaust system heats up.
9. Re torque all hardware after first heat cycle and again after first 100 miles.

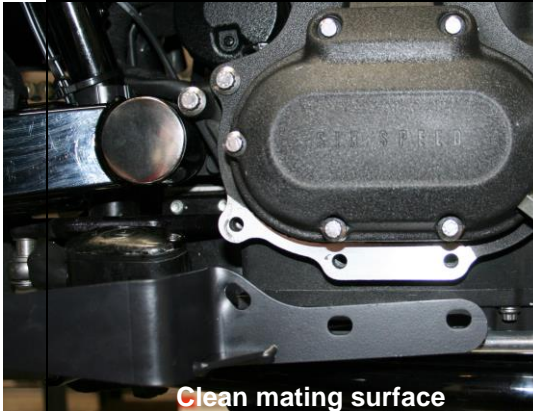
DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES



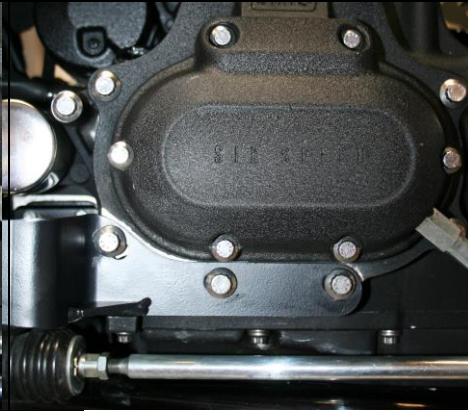
HARLEY DAVIDSON 1991 & UP FXR / DYNA GLIDE INSTALLATION INSTRUCTIONS

Note: Any modification to the factory (stock) installed intake or exhaust system alters the air/fuel Ratio. Modifications result in the air fuel ratio becoming dangerously lean (too much air, not Enough fuel). This condition can be harmful to your engine. This can be corrected by installing, an aftermarket fuel module sometimes referred to as a program or programmer. Thrashin recommends you take your motorcycle to a qualified technician/ tuner for this work.

INSTALLATION PHOTOS FOR THRASHIN SUPPLY COMPANY SYSTEM



Clean mating surface



Install new retaining rings



Anti-seize 02 and exhaust stud threads



Install square cut exhaust gaskets



DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES

MUFFLER BAFFLE REMOVE/INSTALL

- 1.) Remove end cap
- 2.) Remove baffle bolt and nut
- 3.) Place a piece of solid wood on ground or sturdy surface
- 4.) Smack muffler exit squarely on wood, you may have to repeat this process a few times to get baffle loose and out.
- 5.) Installing new baffle, apply anti-seize to the inlet prior to installation, lightly tap baffle down into muffler housing lining up baffle bolt hole to hole in muffler housing.
- 6.) install bolts, use lock washers and loctite on baffle and end cap bolts





WARRANTY CARD

IMPORTANT NOTICE:

Damage to THRASHIN SUPPLY® COMPANY products 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 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.

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES



WWW.THRASHINSUPPLY.COM