



Installation Instructions

HARLEY DAVIDSON 2025 Softail
Rinehart Racing™ 4-Inch Slip-on Muffler

Rev 04/2025

Parts List

Description	Part #	Qty.
Muffler Canister	500-1250	1
Installation Instructions		1

Thank you for buying a Rinehart Racing exhaust system. We are committed to providing premium products that with proper installation and care will last for many years to come.

Please be sure to read the instructions fully and inspect all components of your new system before installation. If you do not have an understanding of how to remove your stock mufflers, or how to install the Rinehart Racing exhaust system you should seek the advice and/or skill of a professional mechanic. Please keep all OEM parts as some may be used for the installation of the Rinehart Racing exhaust system. If you are installing the system and are not the owner, please return these instructions to the owner as they contain important information that may be required at a later date.

If you have questions pertaining to the installation, please contact our technical service department: 1.877.264.8282 or www.rinehartracing.com

DISCOLORATION & TUNING

Discoloration of exhaust is generally a result of improper fuel calibration & tuning. In addition, discoloration can be the result of electrical issues or engine malfunction. Discoloration is not the result of defective plating or coating and as such, is not a warrantable item. Modifying the factory tuning, including but not limited to adjusting the air/fuel ratio from the stock setting on a catalyst equipped motorcycle is likely to result in discoloration. Discoloration, in this case, is the result of negligent tuning and will not be warranted as a manufacturing defect.

Rinehart Racing™ Slip On Mufflers are designed and intended for use on Harley-Davidson Touring Model OEM factory stock head pipes. Discoloration is not a manufacturing defect and therefore is not a warrantable item. See Warranty for more information.

EMISSIONS NOTICE

The State of California does not permit the use of aftermarket exhaust systems that remove original equipment catalysts unless a California Air Resources Board (CARB) Executive Order has been issued. Exhaust systems that remove original equipment catalysts are legal in California for racing use only.

INSTALLATION INSTRUCTIONS

1. Take note of the muffler clamp orientation. Remove OEM muffler and mounting hardware. Do not discard OEM muffler clamp or the two bolts.
2. Install OEM muffler clamp onto the muffler inlet of Rinehart Slip-on mufflers in the same orientation as it was removed.
3. Slide the muffler onto the OEM header until the brackets come into alignment.
4. Reinstall the bolts removed earlier through the Rinehart brackets into OEM mounting holes.
5. Tighten muffler bolts 12-14 lb-ft. and the OEM muffler clamps torque 45-60 lb-ft. Retighten the heat shield clamp.
6. Before starting engine, clean off all fingerprints and grime using a mild liquid soap and a microfiber cloth.
7. Check all mounting fasteners after first ride and again at all service intervals.

Important! Wipe down complete system with cleaner before starting bike to remove any fingerprints, dirt, dust or debris.

NOTE: Fingerprints, residues, dirt and/or dust that are not removed before running will become permanently etched in the pipes.

Check all mounting fasteners after first ride and again at all service intervals.

RETURN & REFUND POLICY

No return of merchandise will be accepted without first securing a Return Merchandise Authorization ("RMA") number provided by Rinehart Racing. Buyer must submit, in writing, evidence of purchase date, copy of invoice indicating goods purchased, reason for return, exchange or refund, and RMA number. At its sole discretion, Rinehart Racing may accept or deny the claim for return, exchange or damage. If accepted and if the goods have not be used and are in a resalable condition, Company shall provide refund within 30 days of purchase; subject to a fifteen percent (15%) restocking fee. If the product has been installed, no refund, return or exchange shall be allowed. No refund, return or exchange is allowed after 45 days from the date of invoice. Buyer is responsible for return freight, and must include all original packaging, materials, manuals, hardware and copy of invoice. All products returned must be securely packed and delivered to Company in an undamaged condition. Rinehart Racing may refuse or reject returned product for failure to follow the conditions set forth herein.

LIMITED WARRANTY

This Limited Warranty contains the sole express warranty made by Rinehart Racing ("Company") in connection with exhaust products sold by Company ("Product"). BY PURCHASING OR ACCEPTING THE PRODUCT, THE BUYER ACKNOWLEDGES THAT THE LIMITATION OF LIABILITY IS PART OF THE TERMS OF SALE, CONSTITUTES A BINDING AGREEMENT, AND MAY BE ENFORCED AGAINST YOU BY COMPANY. Any warranties, if separately provided in writing, are extended only to the Buyer whose name is shown on Company's invoice. Rinehart Racing exhaust products are warranted against defects in material or workmanship for a period of 18 months from the date of the original invoice. This does not cover finishes such as plating or painted surfaces with discoloration or rust. Discoloration is not a warrantable item and is a result of improper fuel calibration. This warranty shall be limited to the repair or replacement of the defective part, which may be proven defective under normal use. Rinehart Racing will not warranty any product that has been abused, misused, improperly installed, or modified. Any part that is repaired or replaced under this warranty will, itself, be warrantied only for the remainder of the warranty period of the original product being repaired or replaced. This warranty is non-transferable and is limited to the original retail purchaser. **BUYER'S SOLE AND EXCLUSIVE REMEDY AND Rinehart Racing(TM)'S SOLE LIABILITY FOR LOSS OR DAMAGE ARISING FROM PURCHASE OR USE OF THE PRODUCT SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PART AT COMPANY'S SOLE DISCRETION. IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY LOSS OF USE, REVENUES, OR ANTICIPATORY PROFIT, OR FOR ANY DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR CONNECTED WITH THE SALE, USE, OPERATION, OR INABILITY TO USE OF PRODUCTS PURCHASED FROM COMPANY TO THE EXTENT PERMITTED BY LAW, COMPANY MAKES NO OTHER REPRESENTATIONS OR WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES ARE EXPRESSLY DISCLAIMED. IN NO EVENT SHALL COMPANY'S LIABILITY EXCEED THE AMOUNT OF THE PARTICULAR DEFECTIVE PRODUCT PAID BY THE PURCHASER. THIS LIMITATION OF LIABILITY SHALL BE APPLICABLE TO ANY CLAIM PRESENTED, WHETHER THE LEGAL THEORY FORMING THE BASIS OF SUCH CLAIM INVOLVES CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, STATUTE, REGULATION, CONSUMER PROTECTION LAWS OR OTHERWISE.**

PROPER USE OF PRODUCT AS DESIGNED, INTENDED AND MANUFACTURED BY MANUFACTURER

The Limited Warranty as described herein applies only when the Rinehart Racing™ system is installed correctly and used for its intended purpose. Warranty does not apply when damage is the result of normal wear and tear, improper use, neglect or incorrect engine calibration or tuning. Rinehart Racing™ mufflers are designed to be installed and used as originally assembled by the manufacturer. Modifying or removing the Rinehart Racing™ baffle may result in decreased performance and discoloration and furthermore, such action shall void the warranty. DO NOT remove the original baffle unless it is being replaced with an alternate Rinehart Racing™ baffle that is designed and intended for use on the specific model/make motorcycle being altered. UNDER NO CIRCUMSTANCES should a Rinehart Racing™ muffler be used without a proper baffle contained within the muffler. Doing so shall void the Limited Warranty as described herein. See Warranty Notice above for more information.

Rinehart Racing™ Slip-On Mufflers are designed and intended for use ONLY on factory stock OEM head pipes. Use and installation of Rinehart Racing™ Mufflers on any alternate aftermarket head pipe is strictly prohibited and is likely to result in discoloration which is not a warrantable item. Improper use of Rinehart Racing™ product, including but not limited to head pipes and mufflers, is strictly prohibited and will void the Limited Warranty as described herein. See Warranty Notice above for more information.

CONTACT US

Rinehart Racing
Phone: (877) 264-8282
www.rinehartracing.com