



ITEMS SUPPLIED

Description	Part# (Chr/Blk)	Qty
Rear Header Pipe	100-0128/100-0132	1
Front Header Pipe	100-0127/100-0131	1
Rear Heat Shield	100-0130/100-0134	1
Front Heat Shield	100-0129/100-0133	1
Left True Dual Muffler (C) (B)	100-0140L(3.5")/100-0208L(4") 100-0141L(3.5")/100-0209L(4")	1
Right True Dual Muffler (C) (B)	100-0140R(3.5")/100-0208R(4") 100-0141R(3.5")/100-0209R(4")	1
2 1/8" Barrel Clamp	16-006S	2
1 13/16" Barrel Clamp	16-0012S	1
2 1/4" Stainless Clamp	16-00285	8
2" P-Clamp	17-0022C	1
Exhaust Gaskets	20-00003	1 pair
Header "L" Tab Bracket	25-110BZ	1
True Dual Starter Bracket	25-7009B	1
1/2" Spacers	29-00028B	2
5/16-18 x 5/8" Hex Bolt	35-00002	4
5/16-18" Locking Nut	35-00005	5
5/16" Flat Washer	35-00007	5
1/2-13" x 1 1/2" Allen Bolt	35-00035	2
02 Bung Plugs (18mm)	35-00083BA	2
5/16-18" x 3/4" Btn Hd Allen	35-00084	1
5/16" Star Washer	35-00008	1
Installation Instructions		1

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. Replacing a catalyst equipped exhaust system with a non-catalyst exhaust system on a registered vehicle in the State of California is illegal and may subject the parties involved (including but not limited to the owner, driver, consumer, mechanic and dealership) to fines and penalties and such action is strictly prohibited by Rinehart Racing™.

Installation Instructions

HARLEY DAVIDSON 1995 – 2008 Touring Models RINEHART RACING™ True Dual Exhaust System

Rev 9-10-2015

Thank you for buying a Rinehart Racing™ exhaust system. We are committed to providing you a quality product that with the proper installation and care will last you 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 system, or how to install the Rinehart™ 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™ exhaust system.

If you are installing the system and are not the owner, please return these instructions and warranty information 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.rineharttracing.com

Full exhaust systems manufactured by Rinehart Racing™ are not catalyst equipped exhaust systems. As such, Rinehart Racing™ exhaust systems may not be legal for street use in states or municipalities where emissions and/or noise laws, regulations or ordinances apply. Rinehart Racing™ strictly prohibits replacing catalyst equipped motorcycles or factory stock exhaust with Rinehart Racing™ exhaust in any state or municipality where doing so violates local or state law.

INSTALLATION INSTRUCTIONS

Disconnect negative battery terminal before starting any work.

- 1) Remove left and right saddlebags.
- 2) Remove right side front floorboard.
- 3) Remove OEM mufflers.
- 4) Remove OEM heat shields from both exhaust pipes.
- 5) Loosen OEM rear pipe clamp.
- 6) Remove OEM rear pipe.
- 7) Remove OEM exhaust bracket clamp from front pipe.
- 8) Remove OEM exhaust flange nuts.
- 9) Remove OEM front pipe.
- 10) Remove and discard OEM exhaust gaskets. It may be necessary to pry them out with a scribe or small screw driver. *(Use caution not to damage cylinder heads.)*
- 11) Carefully remove OEM exhaust flanges and retaining rings. Do not damage or distort retaining rings. If possible use snap ring pliers. Replace damaged retaining rings. OEM flanges and retaining rings are used with the RINEHART system.
- 12) Install OEM exhaust flanges and retaining rings on RINEHART header pipes. **Note:** Machined recess on the exhaust flange faces retaining ring. See Fig 1.
- 13) Install new exhaust gaskets (supplied) into exhaust ports.
- 14) Remove stock starter bracket and install new TD starter bracket (supplied) using OEM bolts. Torque to 14-18ft lbs. See Fig 5.
- 15) If applicable, install O2 sensors. Torque O2 sensors to manufacturer specifications. If not using O2 sensors, apply anti-seize to threads of included 18mm bung plugs, and install into header pipes.
- 15a) Install front header pipe. Begin to thread exhaust flange nuts, but do not tighten.
- 16) Slide "P" clamp onto the front cylinder header pipe from the rear of the tube, making sure that the bolt hole tabs and flat edge of clamp are located under the bottom of the header pipe. Both tabs should be located and secured underneath the OEM transmission bracket. DO NOT slip OEM bracket between the 2 bolt hole tabs. See Fig 3A. For motorcycle models equipped with a saddle style bracket, install "P" clamp by locating the flat side of the "P" clamp behind the OEM bracket and then install bolt and nut through both bolt hole tabs. See Fig. 3B
- 17) Make sure that the front header is appropriately located.
- 18) Tighten front cylinder exhaust flange nuts. Torque 10-12ft lbs.
- 19) Tighten "P" clamp. Torque 13-15ft lbs.
- 20) Install a 2 1/8" barrel clamp (supplied) onto inlet end of right muffler. **Note:** It is recommended a bead of Permatex Ultra Copper High Temp Silicone Sealer is applied to muffler inlet. Now slide muffler assembly onto right front header pipe. Install and center two 5/16"-18 x 5/8"L hex bolts (supplied) into muffler mounting bracket and install through OEM rear bracket assembly. Install 5/16"-18 locking nuts (supplied) and tighten. Torque 13-15ft lbs. Torque 2 1/8" barrel clamp 8-10 ft. lbs.
- 21) Install front heat shield. See Fig 4 for correct clamp orientation and tighten.

- 22) It may be necessary to loosen starter wire terminals and re-position wires toward main frame covers. Retighten wire terminals.
- 23) Install Header "L" tab bracket and 1 13/16" barrel clamp (supplied) on rear pipe. Leave loose for adjustment. See Fig 6 for orientation.
- 24) Install heat shield on rear cylinder header pipe with clamps. Do not fully tighten clamps see Fig 7 for clamp orientation.
- 25) Install rear cylinder header pipe with heat shield. Finger tighten the exhaust flange nuts
- 26) Install 5/16" x 1" button head Allen bolt (supplied) through starter mounting bracket. Use 5/16" star washer between bracket and L-tab. Finger tighten locking nut.
- 27) Install left side muffler assembly with 2 1/8" barrel clamp onto rear cylinder header pipe. **Note:** Apply a bead of Permatex Ultra Copper High Temp Silicone Sealer to inside muffler inlet. Slide muffler assembly onto rear cylinder header pipe. Install and center two 5/16"-18 x 5/8" hex bolts (supplied) into muffler mounting bracket and install through OEM rear bracket assembly. Install 5/16"-18 locking nuts (supplied) and tighten. Torque 13-15ft lbs.
- 28) Ensure there's at least 1/4" clearance between the rear cylinder heat shield & the rear vertical frame tube, then tighten 5/16" button head Allen bolt, star washer & nut.
- 29) Tighten 1 3/16" barrel clamp. Torque 8-10ft lbs.
- 30) Tighten rear cylinder exhaust flange nuts. Torque 10-12ft lbs.
- 31) Tighten 2 1/8" left muffler barrel clamp. Torque 8-10ft lbs.
- 32) Tighten rear heat shield clamps.
- 33) Install right hand floor board using 1/2"-13 x 1 1/2" Allen bolts (supplied) with OEM flat washers and lock washers. Insert two 1/2" spacers between floorboard and frame (See Figure 2).

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.

CLEANING

Never use harsh chemicals or any type of abrasive material to clean the chrome or ceramic coating on this exhaust system. We recommend using a soft nonabrasive cloth with a mild detergent.

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, corrosion, 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'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.

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.**

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.

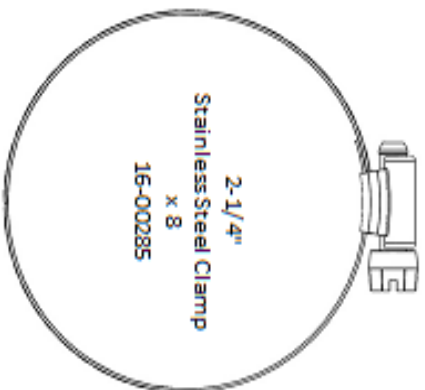
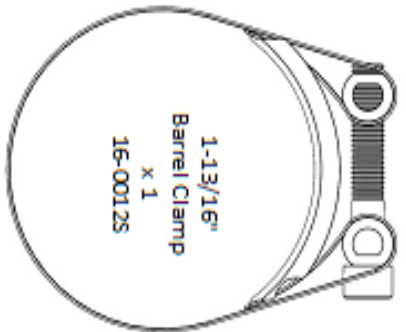
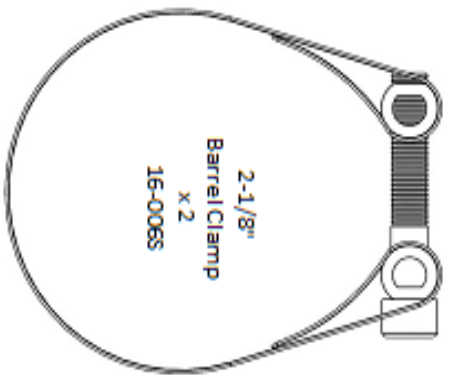
Rinehart Racing™ True Dual Mufflers are designed and intended for use ONLY on Rinehart Racing™ head pipes. Use and installation of Rinehart Racing™ Mufflers on any alternate aftermarket head pipe is strictly prohibited and is likely to result in discoloration which is not a warrantable item. Improper 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

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.



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