



Indian Slimline Duals Installation Instructions
Indian Touring Models 2014-2019

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 need help removing your stock mufflers and/or head pipes, 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.rinehart racing.com

Discoloration & Tuning:

Discoloration of exhaust is generally a result of fuel calibration tuning. In addition, discoloration can be the result of electrical issues or engine malfunction. Discoloration is not a warrantable item.

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™.

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.

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.

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 for more information. Rinehart Racing™ 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 for more information.

Provided Hardware

- | | |
|-----------------------------|-------------------------------------|
| 1 – Header mounting bracket | 2-- 3/4" Front Floorboard Spacers |
| 1 – Cross under bracket | 2— M10 x 1.5 X 45 Socket head bolts |
| 2 – Exhaust gaskets | 3-- 1 13/16" Barrel clamps |
| 2 – 18mm bung plugs | 2— Muffler clamps |
| 2 – 12mm bung plugs | |
| 1 – Medallion shield clamp | |
| 9—Heatshield clamps | |
| 1 – M8 x 1.25 x 30 hex bolt | |
| 1— M8 Nylock Flange nut | |

Installation Instructions

******Disconnect negative battery terminal before starting any work.******

- 1) Remove left and right saddlebags.
- 2) Remove right side front floorboard assembly from frame.
- 3) Remove mufflers and save for later installation.
- 4) Remove fin flange covers from motor to access header mounting nuts.
- 5) Remove the cross under exhaust pipe. Install the new cross under bracket using the M8x1.25x30 bolt and flange nut provided. **(Figure 1)**

- 6) Remove the heat shields and OE bolt from the right side header mounting bracket and save bolt for later use.
- 7) Loosen and remove the exhaust flange nuts and front header clamp then remove the OEM exhaust. Save flange nuts for installation later.
- 8) Carefully remove the O2 sensors from the OEM exhaust.
- 9) Remove the OEM exhaust gaskets from the cylinder heads. It may be necessary to pry the exhaust gaskets from the head using a scribe or a small screwdriver. Do not damage the cylinder head!
- 10) Install supplied exhaust gaskets, make sure to seat the new gaskets into the cylinder head. Failure to use provided gaskets WILL alter the fitment of the system.
- 11) If applicable, install both OEM O2 sensors into the front and rear Rinehart pipes. Torque 25 ft. lbs. Apply anti-seize (anti-seize is not provided) on O2 sensor threads before installing. (Do not get any anti-seize on O2 sensor tips.) Plug any unused bungs with the plugs provided.
- 12) Install one of the barrel clamps on rear header section expansion and another on the cross under expansion and align with the slots. **(Figure 2)**
- 13) Install the rear header, align rear exhaust port, and start but leave loose exhaust flange head nuts.
- 14) Install the front header by inserting it into the inlet and rear header. Finger-tighten the exhaust head flange nuts.
- 15) Slide barrel clamp on to rear header from the outlet end and install the header mounting bracket reusing stock bolt removed earlier. Snug clamp but do not tighten yet. **(Figure 3)**
- 16) Reconnect O2 sensor cables back into appropriate terminals and secure with zip ties or secure in the OE clip.
- 17) Install the barrel clamp on the cross under tube, slide fully onto main header and snug the barrel clamp. Place another clamp over the bracket installed earlier and snug. **(Figure 4)**
- 18) With everything finger tight, install mufflers on the header and reinstall bolts in rear mounting brackets. Check to verify the muffler clamps are flush with the back of the muffler inlet slots to ensure a proper seal on the header.
- 19) IN THIS ORDER!!! Tighten the cylinder head exhaust flange nuts. Torque to 10-12ft lbs. Allow for clearance around cam cover and tighten barrel clamp on front header, cross under tube and main header mounting bracket. Tighten cross under clamp. Tighten muffler clamps and rear mounting hardware on mufflers. Torque 8-10ft lbs.
- 20) Slide hose clamps through the welded tabs on the back of the shields making sure to align them so they are easily reached to tighten. Install front and rear heatshields on header. Install the muffler shields so they align with the front smaller portion of the mufflers. Install medallion shield and align clamp with slot cut in the lower shield.
- 21) Install right hand floor board assembly using the M10 x 1.5 X 45 bolts, and 3/4" round spacer, place between frame and floorboard assembly. **(Figure 5)**
- 22) Reinstall fin flange covers on motor using bolts removed earlier.
- 23) After the installation of the exhaust system, make sure to use an appropriate cleaner and microfiber cloth and wipe the surface clean before starting. Any marks left on the exhaust system will be permanently etched into the surface of the system if left on during the first heat cycle.

Figure 1



Figure 2



Figure 3



Figure 4

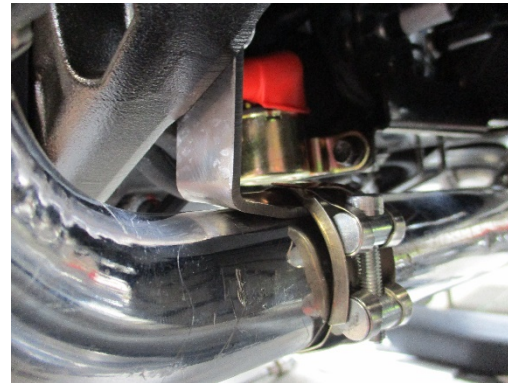


Figure 5

