



## UNIVERSAL RIP-ROD SLIP-ON PART # 21-1001 & 21-1002 INSTALLATION INSTRUCTIONS

Congratulations, you are no longer on the beaten path. Sometimes the high road takes you to new places. You won't regret it, we never have. Our parts are expertly crafted and designed for maximum performance, deep throaty sound, perfect fit and innovative styling. Firebrand exhaust systems are the first choice for people whose passion is riding. Please follow the installation instructions below and if you have any questions, please call our technical support line Toll Free at 844-FIREONE (347-3663). Attention installer (if other than owner), please forward this instruction sheet to the owner of this product. These instructions contain valuable information to the end user.

1. Firebrand Rip-Rod mufflers are designed to fit over 1-3/4" head pipes.
2. The bracket welded onto the muffler is designed to work with the supplied carriage bolts and flange nuts.
3. We typically build mount brackets from 7GA. or 1/4" plate. Other methods may include 1" bar flattened to receive the bracket or machined bungs. If you're new to fabricating or just need some advice about custom building an exhaust feel free to contact us at [customerservice@firebrandmotorcycle.com](mailto:customerservice@firebrandmotorcycle.com)
4. When fabricating your custom bracket we recommend using 13/32" holes on 3-1/8" spacing for the mount holes to allow for some fore and aft adjustment during final installation.
5. We designed the inlet to be clamped to the head pipe. The head pipe should engage at least 1-1/2" into the inlet. We offer an appropriate style of clamp (sold separately) on our website, kit number 99-1008. We also have other raw components available for building custom head pipes. See website for details.
6. Tighten all hardware before starting your motorcycle.
7. Now go and ride, NO EXCUSES!

### IMPORTANT, PLEASE READ!

We highly recommend the use of thread locking compound on all hardware during installation.

#### 21-1001 CHROME

After installation and before starting your motorcycle, clean pipes and mufflers with a cleaning solvent and a clean soft cloth that will not leave a residue. NOTE: Any residue, oil, or fingerprints will stain the chrome when the metal heats up.

#### 21-1002 BLACK

After installation and before starting your motorcycle, completely clean mufflers with warm soapy water and a clean soft cloth. Dry with a clean towel. NOTE: any residue, oil, or fingerprints will stain the black ceramic coating. Do NOT use anything abrasive to clean the pipes as it may remove the finish.

**One last thing. We love seeing other peoples cool builds so bust out that camera and shoot us pictures or tag us in your social media posts, we would love to see what you've come up with.**

### SUPPLIED HARDWARE

5/16"-18 X 3/4"L  
CARRIAGE BOLTS,  
QUANTITY 2

5/16"-18 SERRATED  
FLANGE NUTS,  
QUANTITY 2

### DISCLAIMER

Firebrand exhaust systems are warranted against defects in material and workmanship for a period of 1 year from the date of purchase from an authorized dealer. This warranty does not cover discoloration or rust of chrome finishes. This warranty is limited to the repair or replacement of a product proven to be defective from normal use. Firebrand exhaust systems are designed to fit and operate on OEM motor and chassis. This warranty does not cover any product subject to abuse, misuse, improper installation or modification. Every effort is made for Firebrand Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions. Aftermarket products that remove OEM pollution control components are not permitted for street use in California. Please check with your local Municipality or visit the CARB website at [www.arb.ca.gov](http://www.arb.ca.gov).

### TOOLS REQUIRED

- FAB SKILLS
- ELBOW GREASE
- HAND AND POWER TOOLS
- BAND AIDS, LOTS OF BAND AIDS

**firebrand**<sup>TM</sup>  
ANYTHING BUT NEUTRAL



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