

## INSTALLATION INSTRUCTIONS

DESCRIPTION: Slip-On Stainless Steel  
Muffler Kit  
PART NUMBER 1MC-E47A0-V0-10  
MODEL: 2013~ FJR1300 (FJR13)



### **WARNING**

- Please read and understand these instructions completely before installation to avoid possible injury, or damage to the accessory or vehicle.

### **NOTICE:**

This installation requires a torque wrench and should be performed by an authorized Yamaha dealer or other qualified technician.

**IMPORTANT:** This kit does not fit 2012 or earlier FJR models. Any attempt to modify the mufflers to install them on any of these models is a violation of federal emission laws.

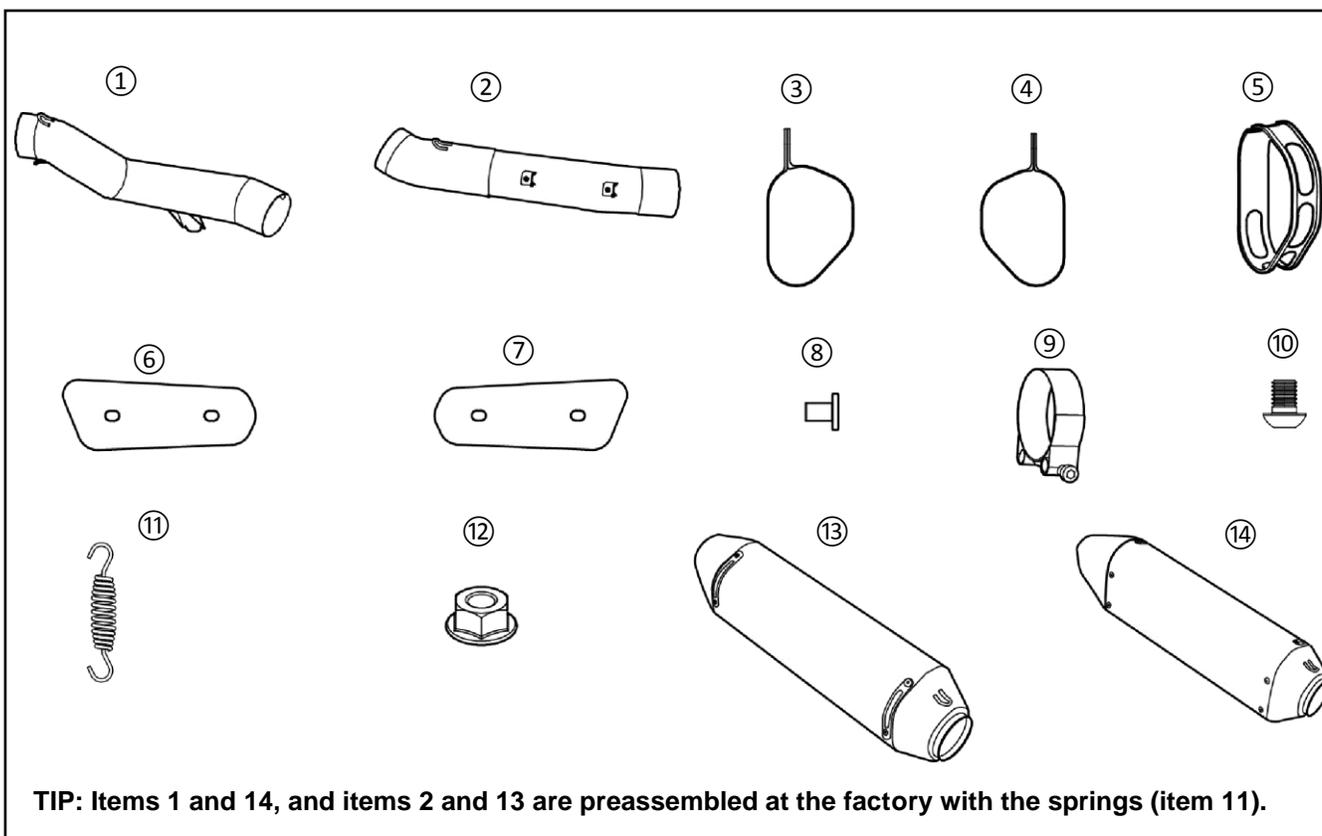
### **WARRANTY INFORMATION:**

- Genuine Yamaha accessories are covered by a 1-year limited warranty against defects in material or workmanship. Labor for replacement of defective components is not covered. See your Yamaha dealer for a copy of the warranty statement.
- See the Noise Emission Warranty Information packed separately with these instructions.

### **DEALER OR INSTALLER:**

These instructions contain important information for future reference and *must* be given to the customer.

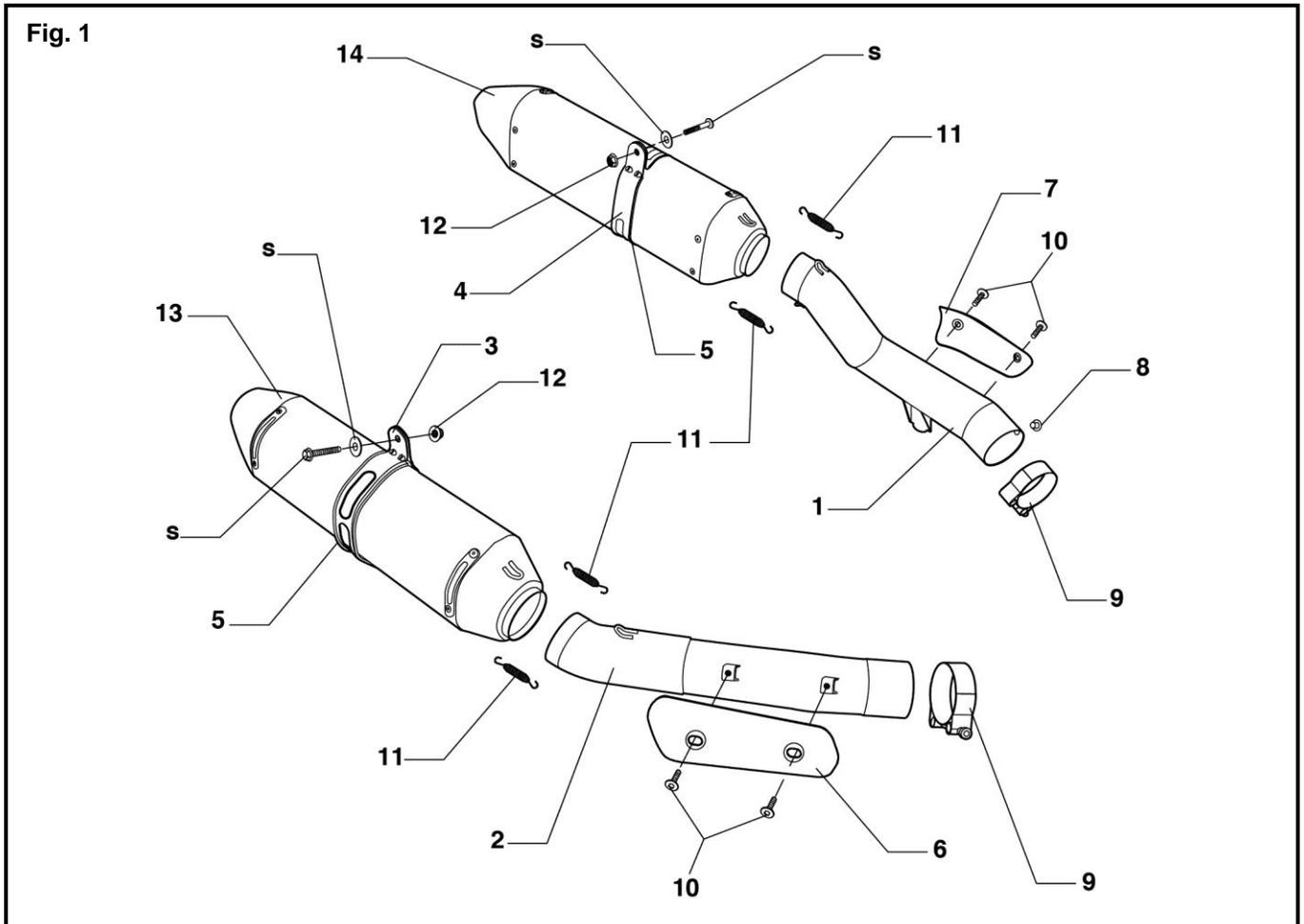
## PARTS LIST:



Item #	Part Number	Part Name and Description	Qty
--	1MC-E47A0-V0-10	Slip-On Stainless Steel Muffler Kit	--
①	*	Left Tailpipe	1
②	*	Right Tailpipe	1
③	*	Right Muffler Clamp	1
④	*	Left Muffler Clamp	1
⑤	*	Muffler Clamp Rubber Insert	2
⑥	*	Right Tailpipe Heat Shield	1
⑦	*	Left Tailpipe Heat Shield	1
⑧	*	Securing Rivet	1
⑨	*	Exhaust Clamp	2
⑩	*	Tailpipe Heat Shield Screws	4
⑪	*	Medium Exhaust Springs	4
⑫	*	10mm Flange Nut	2
⑬	*	Muffler Assembly (Right)	1
⑭	*	Muffler Assembly (Left)	1
**		Spring Puller Tool	1

\* Part is supplied with the kit only and is not a replacement item.

\*\* Part is not shown in diagram.



## PREPARATION:

### **⚠WARNING**

To avoid burns, be sure the engine and exhaust system are cool before removing exhaust components.

1. Place the motorcycle on a secure and level surface on its center stand.
2. Clean all mounting surfaces before beginning installation.
3. Loosen the left-side muffler exhaust clamp.
4. While securely supporting the left muffler, remove the left muffler mount bolt and washer, and then carefully remove the muffler assembly. Retain the stock bolt and washer for reuse.

**TIP:** Be sure to remove the muffler exhaust gaskets. They will not be reused.

5. Repeat the procedure for the right side muffler.

## INSTALLATION:

1. Note the orientation (LH or RH) marked on the tape on the outside of each muffler clamp (3) and (4), then remove the tape. Install a muffler clamp rubber insert (5) inside the muffler clamp (4) for the left side as shown in Fig. 2. Repeat with the right clamp (3).

**TIP:** Do not mix up the muffler clamps; they are different. The mounting tab for the right muffler clamp is positioned closer to the frame; the left one is more centered on top of the clamp. Compare the illustrations on page 1.

2. Slide exhaust clamps (9) over left and right tailpipe inlets (1 and 2) as shown in Fig. 3.
3. Carefully slide left muffler clamp (4) with its rubber insert (5) over left muffler assembly (14) as shown in Fig. 4.
4. Slide the left muffler/tailpipe assembly onto the stock header outlet (see Fig. 1). Do not tighten the exhaust clamp (9) at this time.
5. Secure the left muffler assembly to the outside of the muffler mount on the frame using the stock bolt, washer, and provided flange nut (12). Torque muffler mount bolt to 25 Nm (2.5 m·kg, 18 ft·lb).

Fig. 2

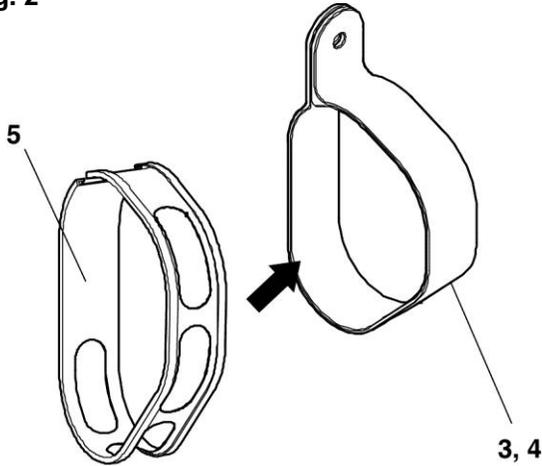


Fig. 3

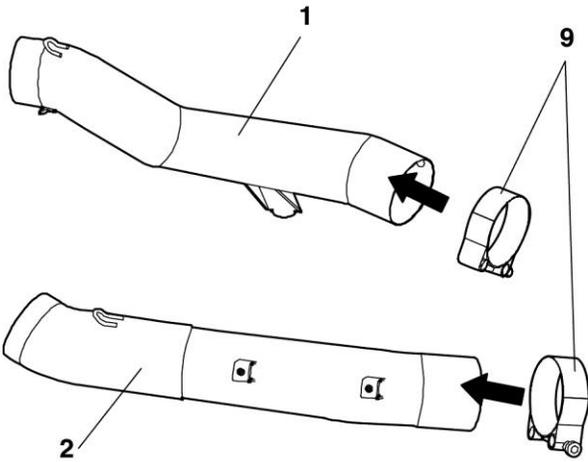
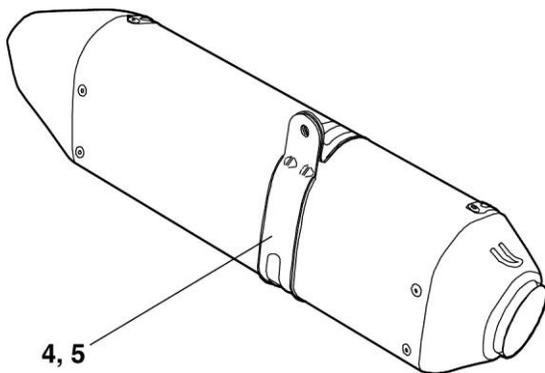


Fig. 4



6. Carefully slide the right muffler clamp (3) with rubber insert (5) over right muffler assembly (13) in the same way as the left (Fig. 4).
7. Slide the right muffler/tailpipe assembly onto the stock header outlet (Fig. 1). Do not torque the exhaust clamp (9) at this time.
8. Secure right muffler assembly to the outside of the muffler mount using the stock bolt, washer, and provided (12) flange nut. Torque muffler mount bolt to 25 Nm (2.5 m-kg, 18 ft-lb).
9. Standing at the back of the motorcycle, check for proper alignment of the mufflers. Adjust if necessary.

**TIP:** To adjust alignment, it may be necessary to rotate the tailpipe and/or the muffler independently until proper alignment is achieved.

10. A securing rivet (8) is used as a pin on the left side to prevent the tailpipe from rotating during operation. Once the left muffler is properly aligned, move the loose exhaust clamp to the rear to expose the securing hole in the tailpipe (1). See Fig. 1. Using the securing hole as a guide, drill a 13/64" hole into the stock header.  
**WARNING! Always wear eye protection when using any power tools.**
11. Insert the securing rivet (8) into the drilled hole and slide the exhaust clamp (9) over the rivet. Torque left and right exhaust clamps to 20 Nm (2.0 m-kg, 14 ft-lb).
12. Install the right tailpipe heat shield (6) onto the right tailpipe (2) using the provided heat shield screws (10).
13. Install the left tailpipe heat shield (7) onto the left tailpipe (1) using the provided heat shield screws (10).

#### **TESTING:**

1. Clean the slip-on mufflers and pipes as described in the Care and Cleaning section. Test the installation for leaks by running the motorcycle until properly warmed up.
2. After allowing for proper cool down, re-tighten the muffler clamps (3).

#### **MAINTENANCE:**

Periodically check all hardware for tightness and re-torque as required.

#### **CARE AND CLEANING:**

To keep your exhaust system looking new, we recommend you purchase a Yamaha Exhaust Plug (P/N: DBY-ACC50-50-44) and insert it into the end cap to keep water out of your exhaust. Wash using a mild soap and water solution and a soft cloth.

Your exhaust system is made of stainless steel and carbon fiber. The stainless steel will turn a gold color when hot, although it is resistant to rust and corrosion. Staining of these materials can be removed with Simichrome® polish (P/N: ACC-11000-19-01).

***NOTICE:*** Keep the complete exhaust system free from grease and finger prints as these may cause an immediate discoloration when heated.

#### **CUSTOMER SERVICE:**

For further information see your Yamaha dealer.

**ESTIMATED TIME TO INSTALL: 1.5 HRS.**

## **NOISE EMISSION WARRANTY**

Yamaha Motor Corporation, U.S.A. warrants that this exhaust system, at time of sale, meets all applicable U.S. E.P.A. Federal noise standards. This warranty extends to the first person who buys this exhaust system for purposes other than resale, and to all subsequent buyers. Warranty claims should be directed to your Yamaha dealer or contact Yamaha Motor Corporation, U.S.A., Attn: Customer Relations, 6555 Katella Ave., Cypress, CA 90630.

## **TAMPERING PROHIBITION**

Federal law prohibits any modification to this exhaust system which causes the motorcycle to exceed the Federal noise standard. Use of the motorcycle with such a modified exhaust system is also prohibited.

Acts likely to constitute tampering include removal or puncturing the muffler, baffles, header pipes, or any other component which conducts exhaust gases.

**WARNING:** This product should be checked for repair or replacement if the motorcycle noise has increased significantly through use. Otherwise, the owner may become subject to penalties under state and local ordinances.

Dear Yoshimura Customer,

Congratulations and thank you for purchasing a Yoshimura Exhaust System. Over six decades of experience in research and development, state of the art machinery, materials and craftsmanship of the highest quality all come together in a product of exceptional quality and performance—in other words, this is the best thing you can put on your bike.

We strive to provide you with a product perfect in fit and finish. However, if you have any problems, please give us a call. We have found that most fitment issues can be easily resolved by a conversation with one of our knowledgeable and friendly staff. If the issue cannot be resolved this way, our warranty evaluation program may be the answer. Please take a moment to review our recommendations for the care of your exhaust and our warranty information.

**PLEASE NOTE:** If you have any doubts about your exhaust: **DO NOT START THE MOTORCYCLE! ONCE AN EXHAUST HAS BEEN USED OR MODIFIED, IT CANNOT BE RETURNED FOR CREDIT OR EXCHANGE.**

## EXHAUST SYSTEM MAINTENANCE

Yoshimura Exhaust Systems require very little care and maintenance; here are a few tips:

1. Use mild car/motorcycle soap to clean the exhaust system—do not use any abrasives or degreasers.
2. Clean your exhaust with metal/stainless polish every 1-2 months to retain the luster and remove dirt and grime.  
(DO NOT USE POLISH ON “WORKS FINISH” SYSTEMS)
3. Avoid contaminating exhaust surfaces when hot.
4. Your exhaust system will change color (blue, magenta, purple, and/or gold) due to heat; this is normal.
5. Keep all clamps, bolts and other fasteners tight as exhaust systems are susceptible to vibration damage.
6. If you ride in coastal regions or areas that use salt to control ice and snow, wipe the exhaust down after it cools to remove any possible salt residue, which can result in rusting.
7. If you are storing your motorcycle for the season, wipe the exhaust system down with rubbing alcohol before storage.
8. Head pipes glowing (visible in normal light) may indicate an excessively lean condition that must be corrected.

### CARBON FIBER:

Carbon fiber equipped exhaust components require special attention.

The following addresses wear issues directly related to carbon fiber:

1. Keep all clamps, bolts and other fasteners tight. Carbon Fiber is very susceptible to vibration damage.
2. Keep all chemicals and solvents away from the carbon fiber, as they will damage the finish.
3. High temperatures will cause the resin in the carbon fiber to break down. Visual signs such as an amber hue in the resin may be early signs of heat damage to carbon fiber.
4. Upon seeing amber colored resin, discontinue use. The exhaust system needs to be inspected by a representative from Yoshimura, for repack, and/or repair. Continued use will cause component failure.

### STAINLESS STEEL:

Stainless Steel is not rust proof but is less prone to rusting, staining and pitting; but it is prone to oxidation like all metals.

### WORKS FINISH:

1. Works Finish exhaust systems should never be cleaned with abrasives or polishes.
  2. Yoshimura recommends using “Bar Keepers Friend” cleaner to remove minor stains.
  3. Surface reconditioning services are available to remove scratches and undesirable discoloration due to extreme heat.
- Contact Yoshimura Tech Department at (800) 634-9166 / in CA (909) 628-4722 for more information.

## RE-PACKING TIPS

To maintain maximum sound and engine performance the muffler packing will need to be replaced at some time during the muffler's life. Yoshimura recommends repacking your muffler at least once a year.

Failure to maintain the muffler packing may cause damage to the muffler and/or void the warranty. Regularly inspect the muffler body for discoloration, cracks, rattling, or other signs of wear caused by depleted muffler packing. If muffler packing is determined to be depleted or worn, a Yoshimura muffler re-pack kit is highly recommended to restore the muffler to optimum maximum performance.

Yoshimura offers a 3-5 day turn around (plus transit time) to inspect and refurbish used and damaged mufflers.

**For more information on muffler repacking please visit our website at:**

**<http://www.yoshimura-rd.com/muffler-repacking>**

### IMPORTANT TECHNICAL NOTE

Yoshimura recommends on all race exhaust systems, that all spring joints be safety wired. Recommended wire type 304/316 stainless steel with a .032" diameter should be used.

## YOSHIMURA EXHAUST LIMITED WARRANTY

All Yoshimura R&D of America, Inc., exhaust systems carry a one-year limited warranty against defects in workmanship and/or materials.

### WHO IS COVERED?

This warranty is provided to the original purchaser of the exhaust system.

### WHAT VOIDS THE WARRANTY?

1. Abuse, misuse, improper installation and/or modifications
2. Custom applications
3. No proof of purchase at the time of warranty. Claimant must provide proof of purchase (original receipt or invoice) and a warranty authorization number (RMA) obtained from Yoshimura.
4. Finishes such as plating or painted surfaces with discoloration or rust due to inclement weather conditions, exposure to salt, exposure to chemicals, or lack of maintenance by the customer are not covered.
5. International grey-market product purchased through a dealer/distributor not authorized for your country will not be supported by this warranty.

### EXTENT OF WARRANTY:

Any defective exhaust system properly returned to Yoshimura will be repaired or replaced by Yoshimura. Yoshimura is not responsible for any other expense incurred by the customer under the terms of this limited warranty, nor is Yoshimura responsible for any damages either consequential, incidental, special, contingent or otherwise; or expenses or injury arising directly or indirectly from the use of the exhaust system. Any exhaust system returned to Yoshimura must be sent at the customer's expense along with the proof of purchase and warranty authorization (RMA). Yoshimura reserves the right to determine whether the terms of the warranty, set out above, have been properly followed. In the event that the terms are not followed this warranty is void. Yoshimura is the sole determiner of abuse, misuse, installation errors and modifications—should any of these be found, this warranty is void. The duration of any and all implied warranties are limited to the duration of the express warranty. All incidental or consequential damages are hereby excluded. The warranty gives you specific legal rights and you may have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations and exclusions may not apply to you.

**If you have a fitment or other problem, or are missing a part, please double-check this trouble shooting guide first:**

1. Reference your instruction sheet and double-check all drawings and instructions
2. Make sure muffler clamps are installed correctly (refer to instructions diagram). On many models, there is a right and wrong way to install. Also verify part numbers on headers and tail pipe.
3. Always make sure to install spring-mounted manifolds and flanges on cylinder head prior to installing headers.
4. Always take time to examine problems in detail.
5. When all else fails, call our technical support line at (909) 628-4722. The technical line is open 9:00am – 4:30pm Monday through Friday, Pacific Time. Please have the following information handy: Year/Make/Model of motorcycle, date of purchase, place of purchase, batch dates and part numbers (found on header and tail-pipe components).
6. Also, feel free to ask through online e-mail at [sales@yoshimura-rd.com](mailto:sales@yoshimura-rd.com), or fax your question/problems to (909) 591-2198.

**To obtain technical information directly from Yoshimura, call (909) 628-4722.**