



# YOSHIMURA

RESEARCH&DEVELOPMENT OF AMERICA, INC.

5420 DANIELS STREET STE A, CHINO CA., 91710 · (800) 634-9166 · (909) 628-4722 · FAX (909) 591-2198

[www.yoshimura-rd.com](http://www.yoshimura-rd.com)

## *Signature Series*

Qualified Manufacturer Declared "Replacement Part"

**2016~2017**

**Honda CBR500R**

**2016**

**Honda CB500F**

**12551E0220 (CF/CF)**

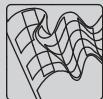
**12551E0520 (SS/CF)**

**R-77 Stainless Steel Slip-On**



Signature Series systems are:

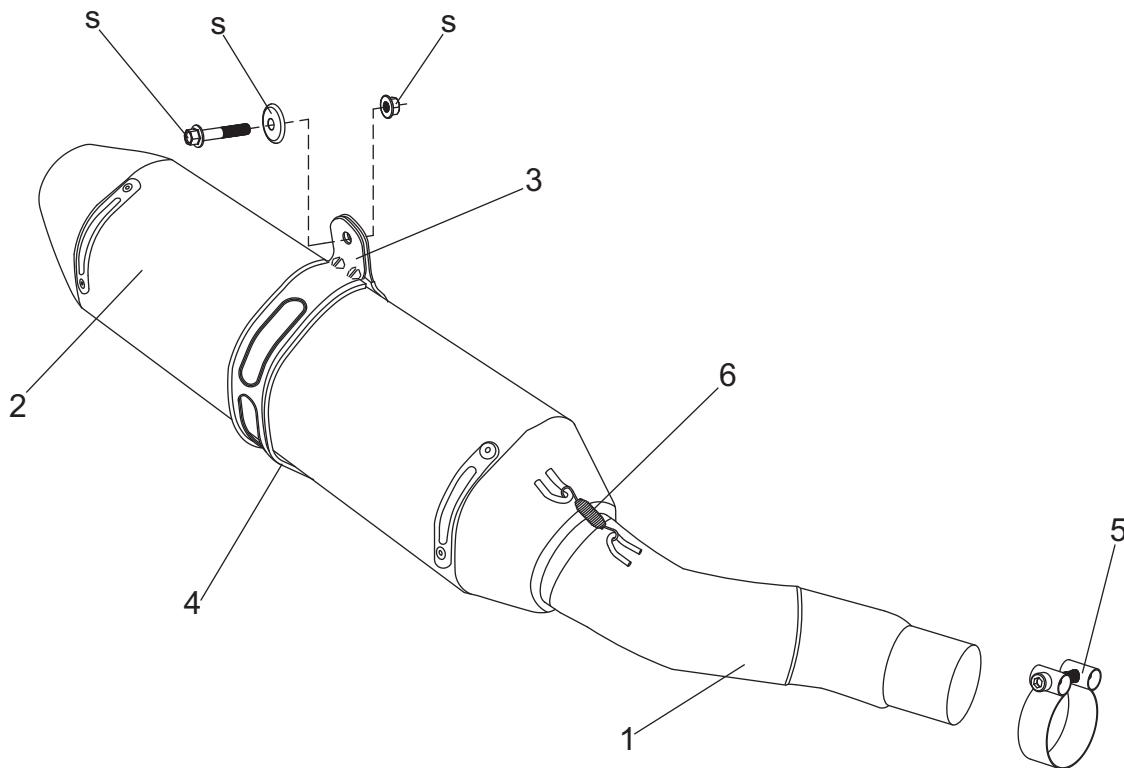
- CARB/EPA tail-pipe emissions compliant.
- Marked with appropriate EPA noise labels.
- Independent laboratory tested for EPA new vehicle noise compliance.



**NOTE: You must know how to remove and replace your stock exhaust in order to install this product otherwise have it installed by a professional mechanic. Keep all stock parts from your existing system as some components may be necessary to install your new Yoshimura exhaust depending on the application. Read through all instructions before beginning installation. Exhaust system can be extremely hot. Let motorcycle cool down before beginning installation. Always wear hand and eye protection and take precautionary measures to avoid injury.**

NOTE: IN THE STATE OF CALIFORNIA, IT IS ILLEGAL TO MODIFY THE EMISSION CONTROL SYSTEM, WHICH INCLUDES THE CARBURETORS OF ANY VEHICLE.

## Assembly Diagram



S = Stock

No.	Item	Description	Qty.
1	12551-435	Yoshimura Tailpipe	1
2	****	Signature Series Muffler	1
3	1121-MPCA(X)	Muffler Clamp	1
4	HT SHLDR77	Muffler Clamp Heat Insulator	1
5	27-59M	Exhaust Clamp	1
6	RACE-SPS-1	Medium Exhaust Spring	2
**	ST-200	Spring Puller Tool	1
**	17029	Sticker Sheet	1

\*\* Not shown on diagram.

(X) For use with Stainless Steel canister.

\*\*\*\* Signature Series muffler replacement part number unavailable. Repair or replacement of Signature Series exhaust systems is only available directly through Yoshimura R&D of America, Inc.

**CAUTION:** Exhaust system can be extremely hot. Let motorcycle cool down before beginning installation. Always wear hand and eye protection and take precautionary measures to avoid injury.

**WARNING:** Always properly support vehicle with a stand and/or lift when servicing or performing any work. Unstable vehicles may present dangerous conditions and may cause property damage and/or personal injury.

**NOTE:** Read through all instructions before beginning installation.

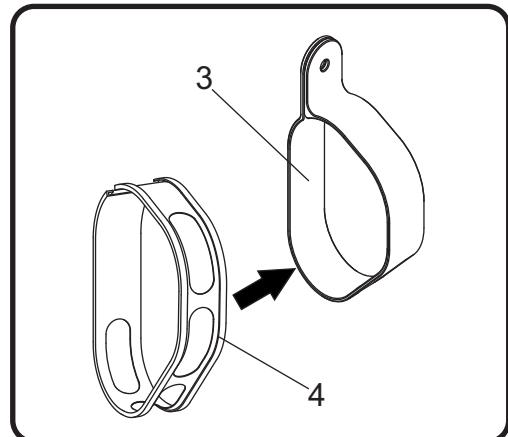
## Removal

1. Loosen the exhaust clamp between the muffler and header.
2. While securely supporting the stock muffler, remove the muffler mount bolt and carefully remove the stock muffler assembly.

Note: The stock exhaust gasket will not be re-used with the Yoshimura system.

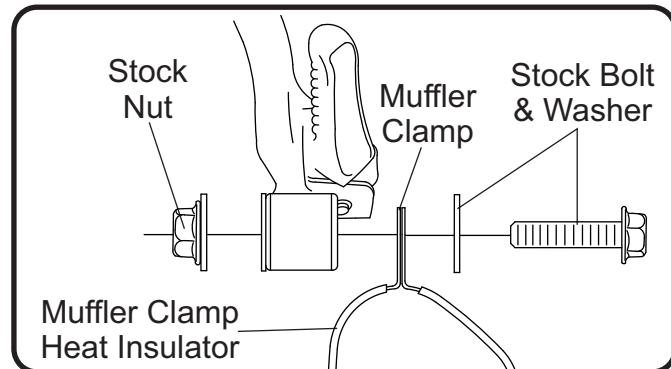
## Installation

1. Install (No. 4) HT SHLDR77, muffler clamp heat insulator onto (No. 3) 1121-MPCA(X), muffler clamp.



2. Slide (No. 5) 27-59M, exhaust clamp over (No. 1) 12551-435, tailpipe inlet. Install (No. 1) 12551-435, tailpipe inlet over the stock header outlet.

3. Slide (No. 3) 1121-MPCA(X), muffler clamp over (No. 2) muffler. Align and secure muffler to the front side of the stock muffler mount using the stock bolt, washer, and nut.



4. Standing at the back of the motorcycle, check for proper alignment of the muffler and adjust if necessary.

Note: To adjust, it may be necessary to rotate the muffler and tailpipe independently. Removal of muffler springs may ease adjustment.

5. Torque muffler mount bolt to factory specification.
6. Torque (No. 5) 27-59M, exhaust clamp to 8.5 Nm (0.85 kg-m, 6 ft-lb).
7. Before starting vehicle, check for proper clearance between new exhaust system and rear suspension (i.e. tire, swingarm, brakes, rear shock, and etc.) If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call Yoshimura Tech Department at (800) 634-9166 / in CA (909) 628-4722.

8. It is recommended that the muffler and tailpipe be wiped down with rubbing alcohol to remove oil and fingerprints. This will help prevent tarnishing of the finish after the exhaust is heated up.

Note: After starting motorcycle, it is normal for new exhaust system and muffler to emit smoke until oil residue burns off.

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## **NOISE EMISSION WARRANTY**

Yoshimura 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 Yoshimura R&D of America, Inc. 5420 Daniels St. Chino, CA 91710 | Tel (800) 634-9166

## **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.**