

# YOSHIMURA

RESEARCH&DEVELOPMENT OF AMERICA, INC.

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www.yoshimura-rd.com

## YOSHIMURA PERFORMANCE EXHAUST SYSTEM EPA NOISE COMPLIANT

SUZUKI 2008-2010 GSX-R600

11700E0220 R-77 SLIP-ON W/ CARBON FIBER SLEEVE; CARBON FIBER ENDCAP
11700E0520 R-77 SLIP-ON W/ STAINLESS STEEL SLEEVE; CARBON FIBER ENDCAP
11700E0550 R-77 SLIP-ON W/ STAINLESS STEEL SLEEVE; STAINLESS STEEL ENDCAP





This product is 50-state legal and complies with Federal and State regulations. Any attempts to modify this product will render it non-compliant with Federal law and void warranty. If modified, the vehicle can no longer be used on public roads and can only be used for off-highway closed course competition. In the state of California, it is illegal to modify the emission control system, which includes the fuel injection system of any vehicle.



#### Installation Procedures:

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Caution: Exhaust system can be extremely hot. Let motorcycle cool

down before beginning installation.

Note: Read through all instructions before beginning installation.

#### **Tools Needed:**

Metric Socket Set 3/8" Ratchet and Extension Metric Combination Wrench Set Metric Allen Wrench Set Torque Wrench Power Drill 13/64" Drill Bit

#### **Installation Steps:**

- 1 Remove the stock muffler heatshield (see Fig. 1 for bolt locations).
- 2 Remove the stock muffler and the stock muffler gasket (see Fig. 2 for bolt locations).

NOTE: Stock muffler gasket will not be used with Yoshimura slip-on system.

- 3 Remove the stock steel insert from the inside of the stock muffler mount and replace it with the supplied aluminum spacer insert (see Fig. 3).
- 4 Install rubber heat insulator to the inside of the Yoshimura muffler clamp and slide Yoshimura muffler clamp over the Yoshimura muffler.
- 5 Slide the supplied exhaust clamp over the inlet of the Yoshimura tailpipe.
- 6 Slide the Yoshimura tailpipe and muffler onto the stock underbelly muffler.

NOTE: No exhaust gasket is used between the Yoshimura tailpipe and the stock underbelly muffler outlet.

7 Mount Yoshimura muffler clamp to the inside of the stock muffler bracket using the supplied bolt, supplied washer, and stock nut (see Fig. 3).

NOTE: Hand tighten only at this point.

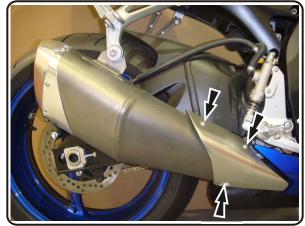


Fig. 1

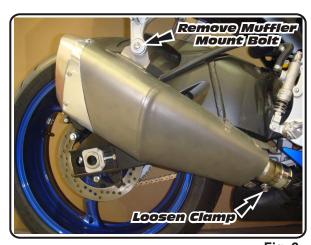
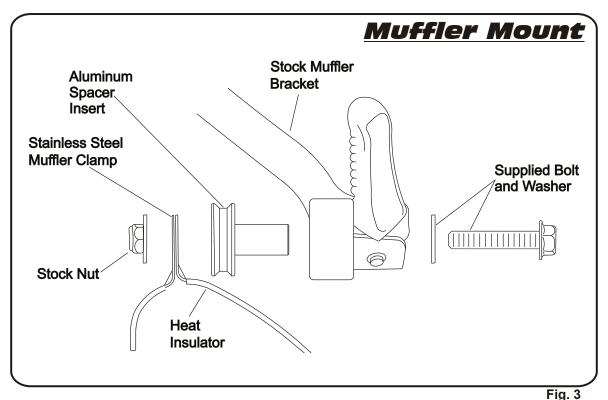


Fig. 2

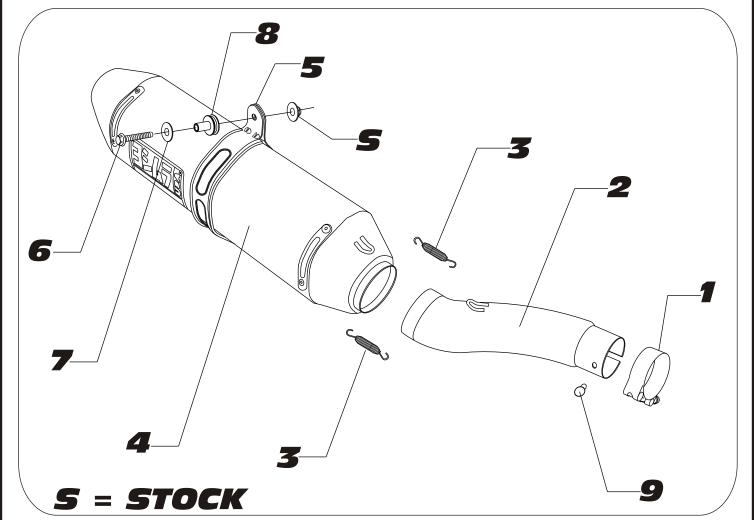
- 8 Standing at the back of the motorcycle, check for proper alignment of the muffler. Adjust if necessary.
  - NOTE: To adjust fitment, it may be necessary to rotate the tailpipe or the muffler independently until proper alignment of the muffler is achieved.
  - NOTE: We will be installing a securing rivet into the tailpipe to prevent the tailpipe from rotating while the motorcycle is in operation.
- 9 Drill a 13/64" hole through the outlet of the stock underbelly muffler, using the securing hole located near the Yoshimura tailpipe inlet as your guide.
  - CAUTION: Always wear eye protection when using any power tools.
- 10 Insert securing rivet into drilled hole, slide supplied stainless steel collector clamp over rivet and torque clamp to 1.25 kg-m (9 lb-ft).
- 11 Torque muffler clamp bolt to 2.5 kg-m (18 lb-ft).
- 12 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.
- 13 Check for proper clearance between new exhaust system and motorcycle (i.e. swing-arm, body work, etc.). If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call Yoshimura technical department at (800)634-9166 / in CA (909)628-4722.

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



Part List: Page 4

### #11700E0(220,520,550)



Parts Diagram

| NO. | DESCRIPTION                                     | QTY | PART #     |
|-----|---|-----|------------|
| 1   | Stainless Steel Exhaust Clamp                   | 1   | 22059      |
| 2   | Yoshimura Slip-On Tailpipe                      | 1   | 1170-435   |
| 3   | Medium Exhaust Springs                          | 2   | RACE-82MM  |
| 4   | Yoshimura Race Muffler                          | 1   |            |
|     | with Carbon Fiber Sleeve                        |     |            |
|     | with Stainless Steel Sleeve                     |     | N/A        |
|     | with SS Sleeve with SS Endcap                   |     |            |
| 5   | Yoshimura Muffler Clamp                         | 1   |            |
|     | for use with Carbon Fiber Sleeve                |     | 1121-MPCL  |
|     | for use with Stainless Steel or Titanium Sleeve |     | 1121-MPCLX |
| 6   | 8mm x 50mm Bolt                                 | 1   | M8X50H     |
| 7   | 8mm Washer Large                                | 1   | 8MMWASHERL |
| 8   | Aluminum Spacer Insert                          | 1   | ALS-013    |
| 9   | Securing Rivet                                  | 1   | S-RIVET    |
| **  | Rubber Heat Insulator                           | 1   | HT SHLDR77 |
| **  | Yoshimura Spring Puller Tool                    | 1   | ST-200     |
| **  | Yoshimura Vinyl Sticker                         | 1   | 17029      |

#### 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.