



YOSHIMURA

RESEARCH&DEVELOPMENT OF AMERICA, INC.

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www.yoshimura-rd.com

R77 PERFORMANCE DUAL EXHAUST SYSTEM EPA NOISE COMPLIANT

**SUZUKI
2009-2011
GSX-R1000**

11180E0220	R77 DUAL SLIP-ON SYSTEM WITH CARBON FIBER SLEEVE, CARBON FIBER ENDCAP
11180E0520	R77 DUAL SLIP-ON SYSTEM WITH STAINLESS STEEL SLEEVE, CARBON FIBER ENDCAP
11180E0550	R77 DUAL SLIP-ON SYSTEM WITH 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 operated 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.

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

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.

Note: Read through all instructions before beginning installation.

Tools Needed:

Metric Socket Set
3/8" ratchet and extension
Combination Wrench Set
Power Drill
13/64" Drill Bit
Torque wrench
Metric Allen Wrench Set

Installation Steps:

- 1 Remove stock right side tailpipe heatshield. At this time, remove the stock spacer out of the heatshield right rearset mount rubber grommet. (See Fig. 1)
- 2 Loosen left and right stock collector clamps (see Fig. 2 and 3).
- 3 Unbolt and remove left and right stock mufflers from passenger foot rest mounts. Remove the stock tailpipe exhaust gaskets.

NOTE: The stock exhaust gaskets that were used between the stock underbelly muffler and the stock tailpipes will not be used with the Yoshimura slip-on system. The Yoshimura tailpipes are designed to be installed with no gaskets.

- 4 Slip supplied collector clamps over inlets of Yoshimura tailpipes.
- 5 Install rubber heat insulator to inside of muffler clamps.
- 6 Slide the Yoshimura muffler clamps over the Yoshimura mufflers.
- 7 Slip left and right Yoshimura mufflers and tailpipes onto the stock underbelly muffler.
- 8 Mount Yoshimura muffler clamps to the inside of the stock muffler brackets using stock bolts, washers, and nuts (see Fig. 4 and 5).

NOTE: Hand tighten only at this point.

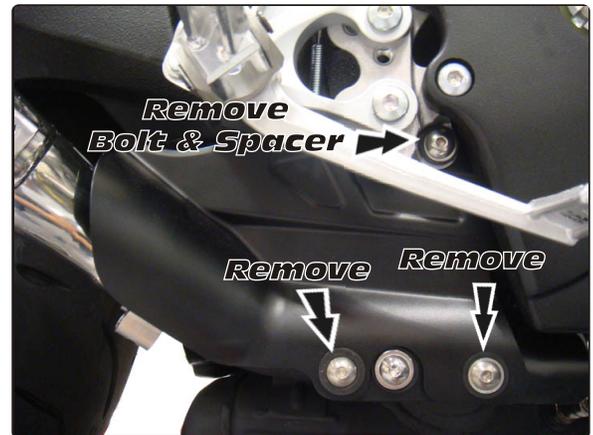


Fig. 1



Fig. 2



Fig. 3

- 9 Standing at the back of the motorcycle, check for proper alignment of the mufflers. Adjust if necessary.

NOTE: To adjust fitment, it may be necessary to rotate the tailpipe or the muffler independently until proper alignment of the mufflers is achieved.

NOTE: We will be installing a securing rivet in each tailpipe to prevent the tailpipes from rotating while the motorcycle is in operation.

- 10 Drill a 13/64" hole thru the outlets of the stock underbelly muffler, using the securing holes located near the Yoshimura tailpipe inlets as your guides (see Fig. 6).

CAUTION: Always wear eye protection when using any power tools.

- 11 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).
- 12 Torque muffler clamp bolts to 2.5 kg-m (18 lb-ft).
- 13 Torque supplied collector clamps to 1.25 kg-m (9 lb-ft).
- 14 Install stock heatshield onto right Yoshimura tailpipe using the stock hardware and install Yoshimura heatshields onto left and right Yoshimura tailpipes using the supplied hardware (see Parts Diagram on page 4).
- 15 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.
- 16 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.

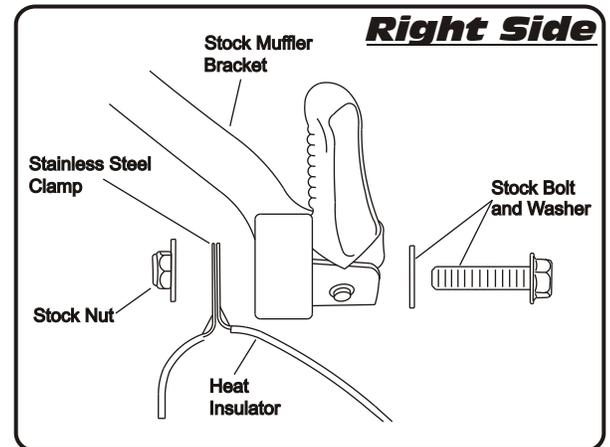


Fig. 4

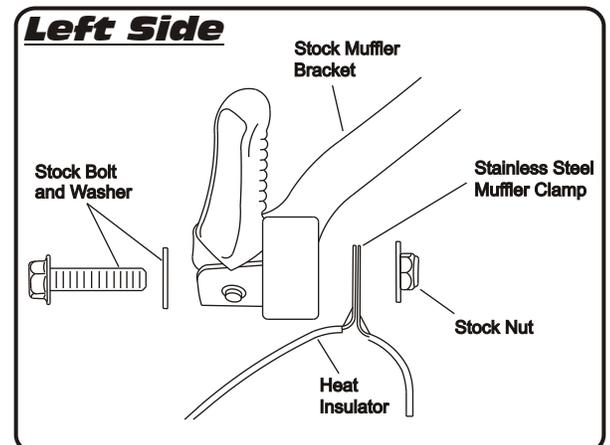
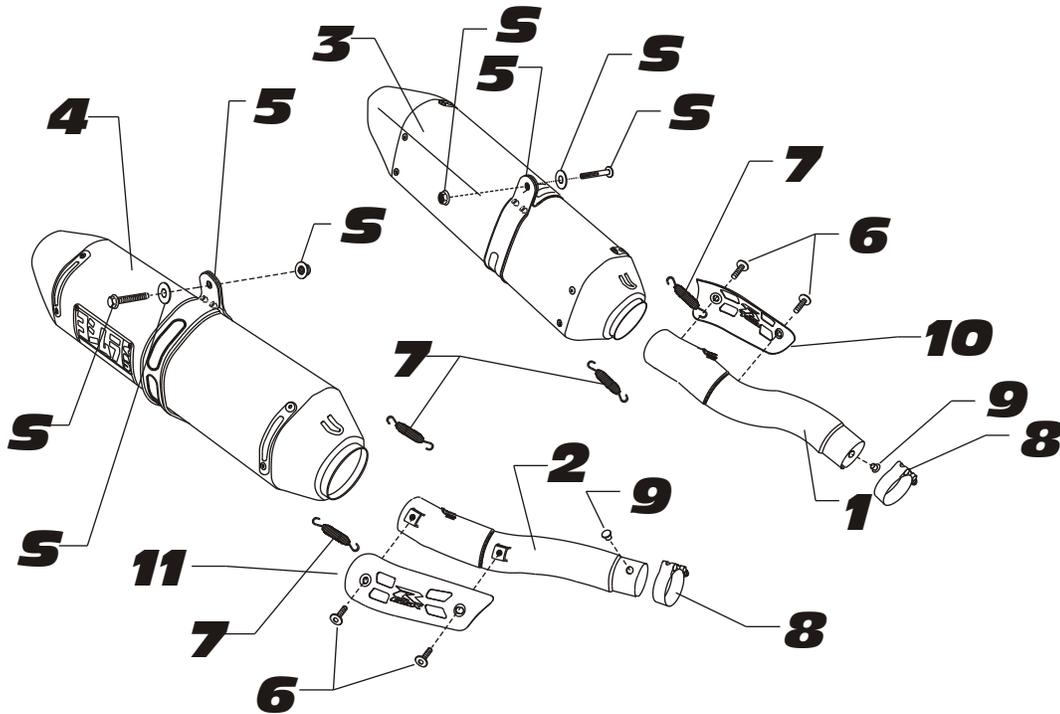


Fig. 5



Fig. 6

#11180E0(220,520,550)



S = STOCK

Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Yoshimura Race Slip-On Tailpipe (Left)	1	1118-426
2	Yoshimura Race Slip-On Tailpipe (Right)	1	1118-427
3	R77 Muffler Assembly (Left) with Carbon Fiber Sleeve with Stainless Steel Sleeve with SS Sleeve and SS Endcap	1	N/A
4	R77 Muffler Assembly (Right) with Carbon Fiber Sleeve with Stainless Steel Sleeve with SS Sleeve and SS Endcap	1	N/A
5	R77 Stainless Steel Muffler Clamp Carbon Fiber Sleeve uses Stainless Steel or Titanium Sleeve uses	2	1121-MPCR 1121-MPCRX
6	Heatshield Bolt	4	RC116HSB
7	Medium Exhaust Spring	4	RACE-82MM
8	Exhaust Collector Clamp	2	20060
9	Securing Rivet	2	S-RIVET
10	Yoshimura Heatshield (Left)	1	1117-HSL
11	Yoshimura Heatshield (Right)	1	1117-HSR
**	Heat Insulator for Muffler Clamps	2	HT SHLDR77
**	Spring Hook Puller	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.