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## **YOSHIMURA PERFORMANCE EXHAUST SYSTEM**

SUZUKI	1170202	R-77 SLIP-ON SYSTEM WITH CARBON FIBER SLEEVE
2008-2010	1170205	R-77 SLIP-ON SYSTEM WITH STAINLESS STEEL SLEEVE
GSX-R600	1170206	R-77 SLIP-ON SYSTEM WITH SS SLEEVE & SS ENDCAP
GSX-R750	1170207	R-77 SLIP-ON SYSTEM WITH TITANIUM SLEEVE





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

### Installation Procedures:

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.





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Fig. 2

### Installation Procedures:

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.

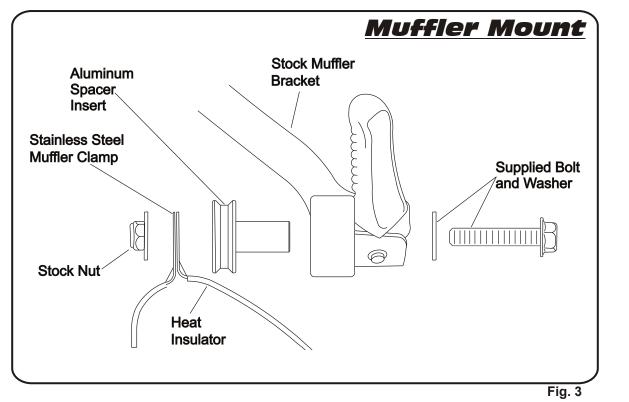
NOTE: We will be installing a securing rivet into the tailpipe to prevent the tailpipe from rotating while the motorcycle is in operation.

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.

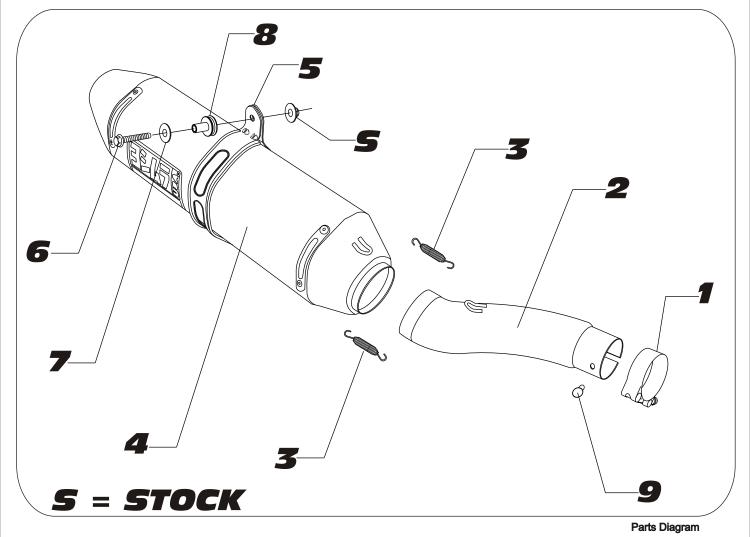
NOTE: After starting motorcycle, it is normal for a new exhaust system and muffler to smoke until oil residue burns off.



## Part List:

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# #117020(2,5,6,7)



NO.	DESCRIPTION		PART #
1	Stainless Steel Exhaust Clamp		22059
2	Yoshimura Slip-On Tailpipe		1170-435
3	Medium Exhaust Springs		RACE-82MM
4	Yoshimura Race Muffler		
	with Carbon Fiber Sleeve		CRR77126W
	with Stainless Steel Sleeve		SRR77126W
	with SS Sleeve with SS Endcap		SRR77126W-SS
	with Titanium Sleeve		TRR77126W
5	Yoshimura Muffler Clamp		
	for use with Carbon Fiber Sleeve for use with Stainless Steel or Titanium Sleeve		1121-MPCL
			1121-MPCLX
6	8mm x 50mm Bolt		M8X50H
7	8mm Washer Large		8MMWASHERL
8	Aluminum Spacer Insert		ALS-013
9	Securing Rivet		S-RIVET
**	Rubber Heat Insulator		HT SHLDR77
**	Yoshimura Spring Puller Tool		ST-200
**	Yoshimura Vinyl Sticker		17029