



YOSHIMURA

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TRC TRI-OVAL PERFORMANCE EXHAUST SYSTEM

2008-2009

SUZUKI

B-KING

113527(2,5,7)

DUAL TRC SLIP-ON SYSTEM



THIS PRODUCT IS DESIGNED FOR USE IN CLOSED COURSE RACING AND IS NOT INTENDED FOR HIGHWAY USE.



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

Caution: Exhaust system can be extremely hot. Let motorcycle cool down before beginning installation.

Note: Read through all instructions before beginning installation.

Tools Needed:

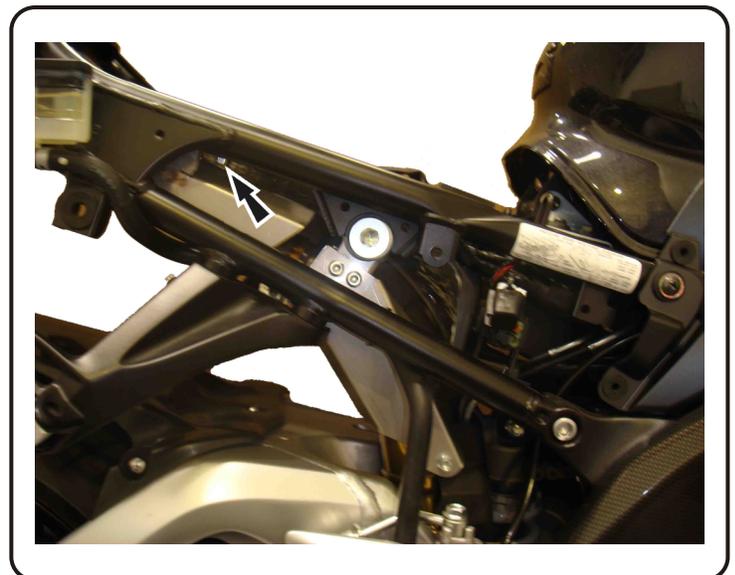
Metric Socket Set
Ratchet
Metric Combination Wrench Set
Metric Allen Wrench Set
Torque Wrench

Installation Steps:

- 1 Remove the rider seat and rear cowl.
- 2 Remove the muffler side panels and tail section bodywork.
- 3 Disconnect the fender / tail-light wire harnesses.
- 4 Remove the four bolts holding the fender hanger and tail-light. Remove the fender hanger and tail-light.
- 5 Unclamp the stock muffler. Remove the four 12mm bolts holding the stock muffler to the subframe. Remove the stock muffler. Remove the two rear bolts and one front nut that secures the stock undertray.
- 6 Attach Yoshimura Undertail Heatshield to undertray with the two stock bolts and one stock nut that you removed in step 5 as shown in Figure 1 and Figure 2. Tighten the undertray bolts to 1.1kgf-m (8.0 ft-lb).
- 7 Install Yoshimura Side Heatshield using stock bolts as indicated in Figure 3. Tighten bolts to 1.1kgf-m (8.0 ft-lb).
- 8 Slide the Yoshimura TRC Mufflers onto the Yoshimura Tailpipe. Using the Yoshimura spring puller tool, attach the five exhaust springs that hold the tailpipe and mufflers together. Check for correct muffler orientation with the Parts Diagram on page 5. Slide the supplied collector clamp over the inlet of the Yoshimura tailpipe.



Undertail Fig. 1



Right Side Fig. 2

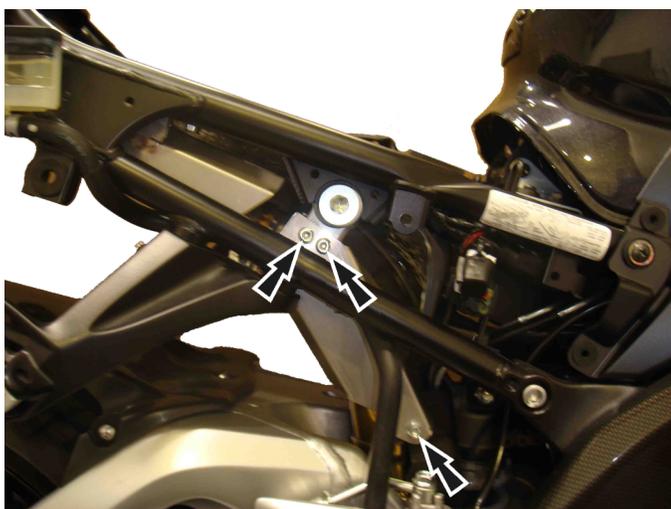
- 9 Remove the stock muffler mount inserts and install the supplied aluminum inserts into the stock rubber grommets (see Figure 4).
- 10 Position the Yoshimura muffler / tailpipe assembly underneath the tail and line up the tailpipe inlet with the stock midpipe outlet. Slide the tailpipe / muffler assembly over the midpipe outlet.
- 11 Install rubber heat insulators to the inside of Yoshimura muffler clamps. Slide muffler clamps onto left and right Yoshimura mufflers.
- 12 Mount the stock mufflers and left and right valance brackets to the rear subframe using the stock muffler mount bolts (see Fig. 5 and Fig. 6). The left and right valance brackets are marked "L" for left and "R" for right.
- 13 Torque muffler mount bolts to 2.3 kgf-m (16.5 lb-ft).
- 14 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 muffler is achieved. You will be installing a securing rivet into the tailpipe to prevent the tailpipe from rotating while the motorcycle is in operation.

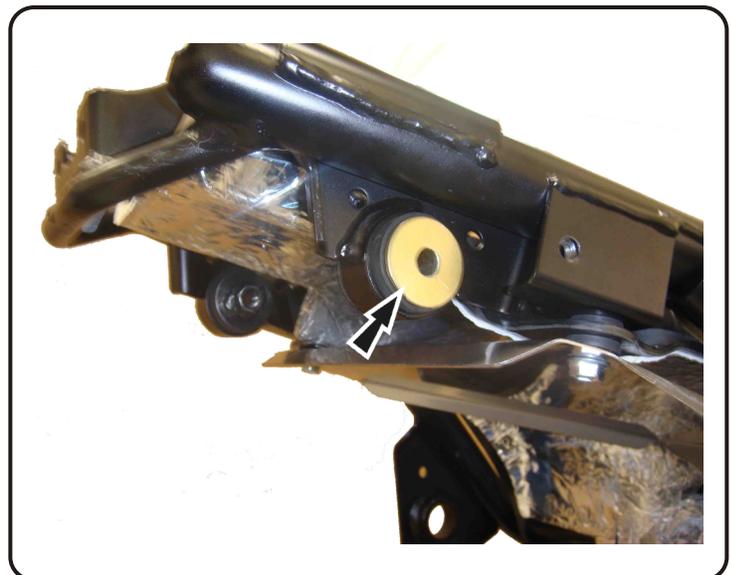
- 15 Remove the right passenger footrest and drill a 13/64" hole thru the securing hole of the tailpipe and into the stock midpipe using the securing hole as a guide (see Fig. 7).

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

- 16 Insert the supplied securing rivet into the drilled hole, slide the supplied stainless steel collector clamp over the securing rivet and torque clamp to 1.25 kg-m (9 lb-ft).
- 17 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.



Right Side Fig. 3



Undertail Fig. 4

18 Remove the stock metal heatshield that is bolted to the rear fender / tail-light assembly with four bolts.

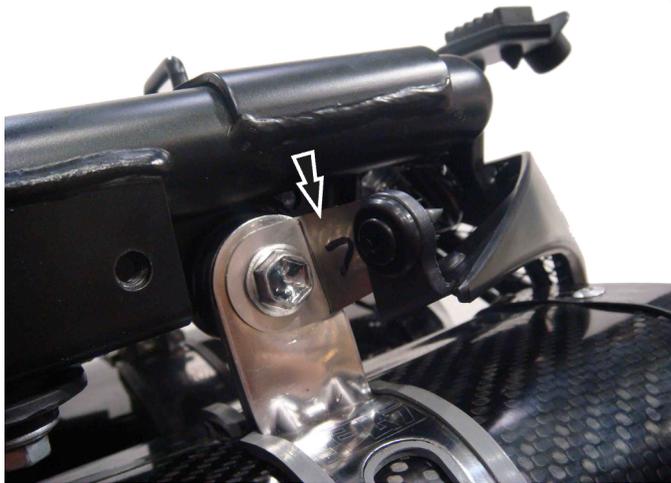
NOTE: The stock metal heatshield that is bolted to the rear fender / tail-light assembly will not be used.

19 Reconnect rear fender wire harness and reinstall rear fender / tail-light assembly.

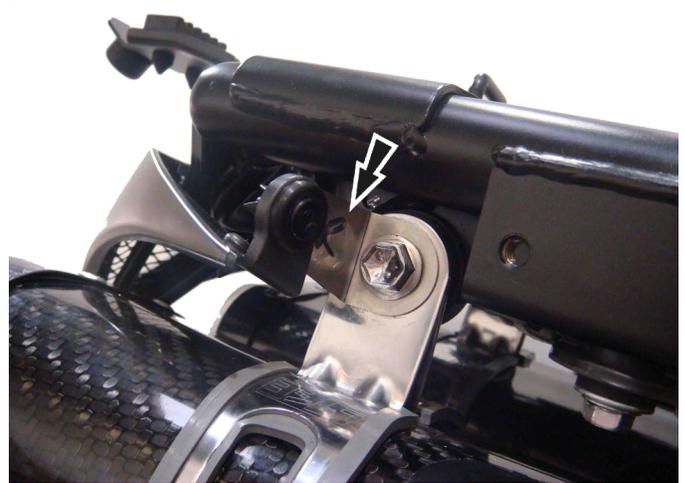
20 Reinstall right passenger footrest, all tail section bodywork, rear seat cowl, and rider seat.

21 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.

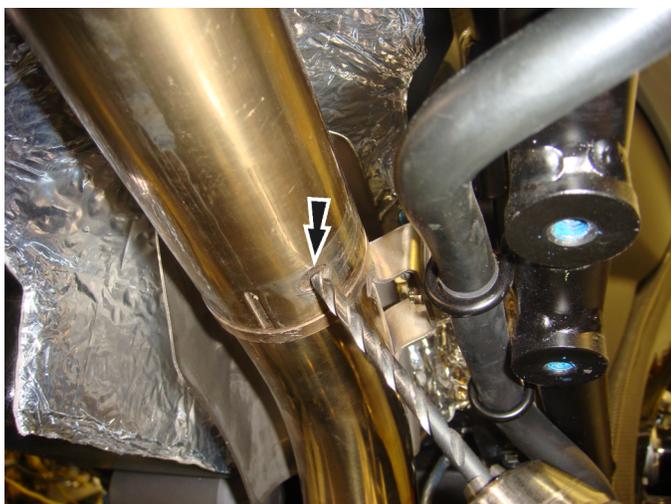
Note: After starting motorcycle, it is normal for new exhaust system and muffler to smoke until oil residue burns off.



Left Valance Bracket Fig. 5

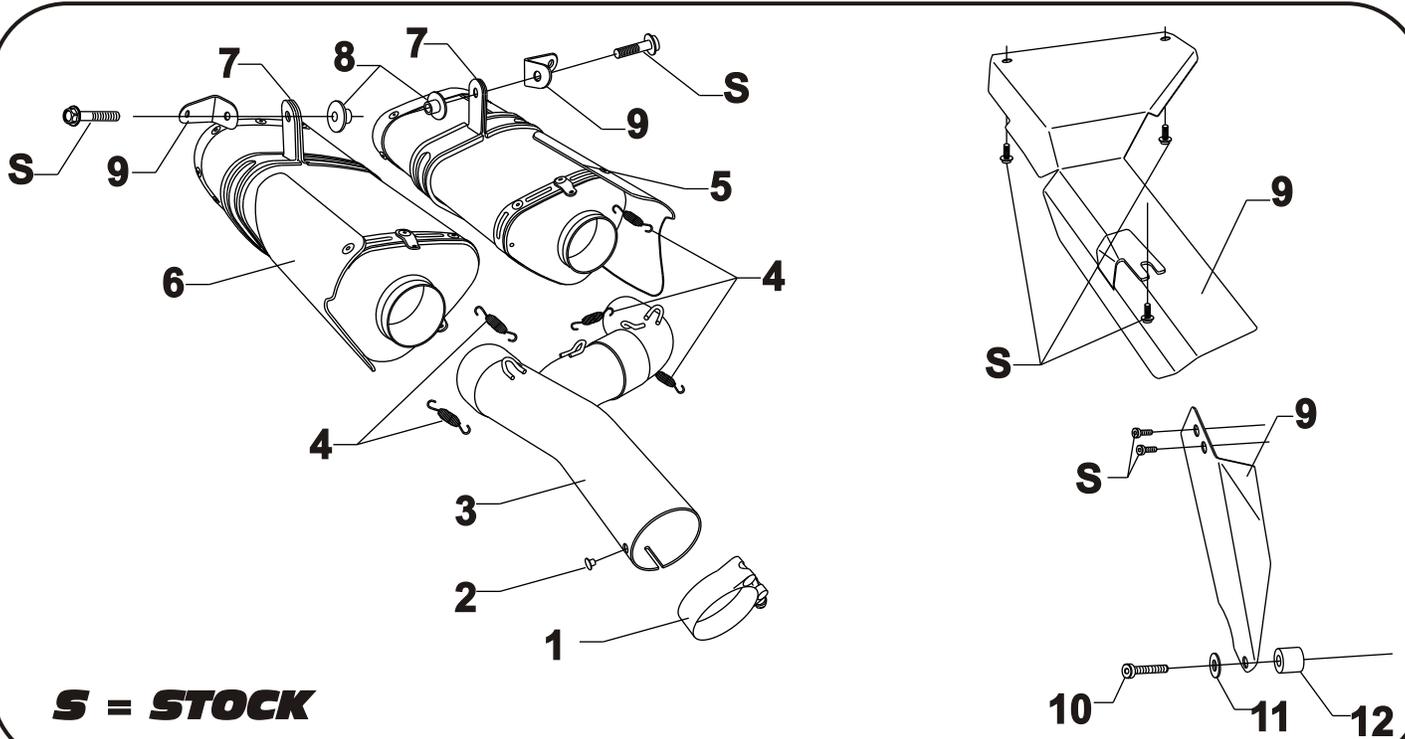


Right Valance Bracket Fig. 6



Drill Rivet Hole Fig. 7

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Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Stainless Steel Collector Clamp	1	20060
2	Collector Securing Rivet	1	S-RIVET
3	Yoshimura Stainless Steel Tailpipe	1	1135-435
4	Yoshimura Exhaust Springs (Small)	5	RACE-SPX-1
5	Yoshimura Muffler (Left) with Carbon Fiber Sleeve with Stainless Sleeve with Titanium Sleeve	1	1135272-LMA 1135275-LMA 1135277-LMA
6	Yoshimura Muffler (Right) with Carbon Fiber Sleeve with Stainless Sleeve with Titanium Sleeve	1	1135272-RMA 1135275-RMA 1135277-RMA
7	Yoshimura Muffler Clamp used with Carbon Fiber Sleeved Mufflers used with Stainless and Titanium Sleeved Mufflers	2	1135-MPC 1135-MPCX
8	Aluminum Insert for Stock Rubber Grommet	2	ALS-003
9	4-Piece Stainless Steel Bracket / Heatshield Set	1	1135-BRKT-SET
10	6mm x 30mm Bolt Socket Head	1	M6X30
11	6mm Washer	1	6MMWASHER
12	6mm x 15mm Spacer	1	6X15SPCR
**	Cross Sell Sheet	1	CS019
**	Muffler Clamp Heat Insulator	2	HT SHLDTRS
**	Yoshimura Spring Puller Tool	1	ST-200
**	Yoshimura Vinyl Sticker	1	17029