YOSHIMURA
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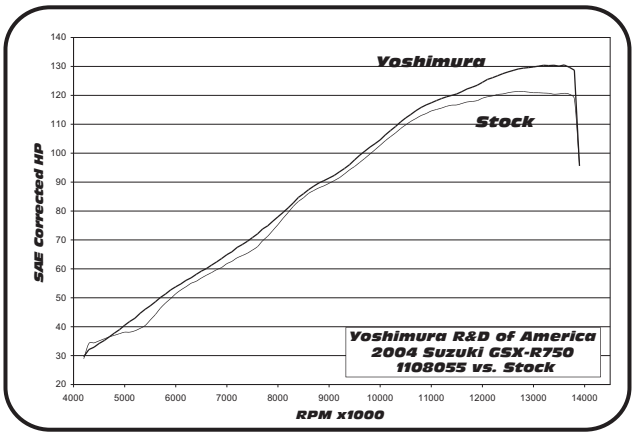
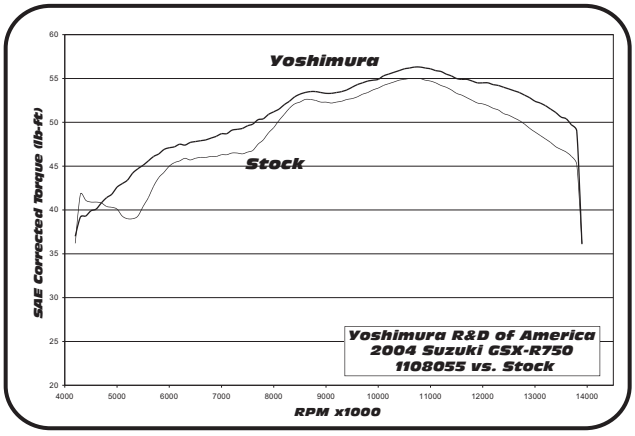
TRS TRI-OVAL PERFORMANCE EXHAUST SYSTEM

SUZUKI 2004 GSX-R750

110806 (2,5,7)	*STAINLESS STEEL DUPLEX TRS RACE ONLY SYSTEM*





Note: Dyno graphs are for comparison use only. Actual results may vary depending on operating and motorcycle condition.

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:

10mm and 12mm Socket
Ratchet and extension
12mm Wrench
4mm Allen wrench
6mm Allen wrench for torque wrench
Torque wrench
Soft face mallet

Installation Steps:

1 *Remove left, right and lower rear cowling. (See Fig.1 & 2 for fastener locations)*

2 *Remove lower radiator mount and bolts. Tilt radiator forward slightly. (See Fig. 3)*

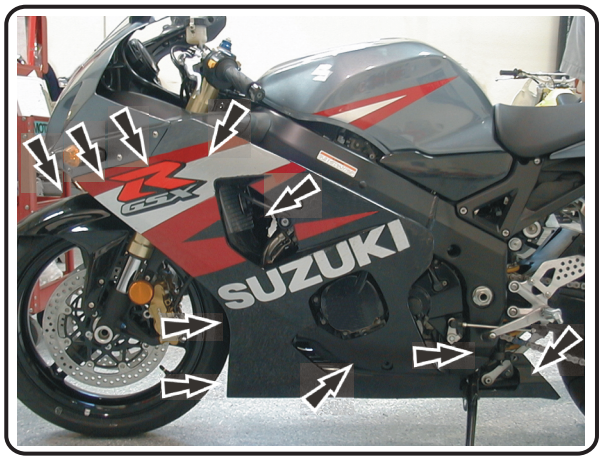


Fig. 1

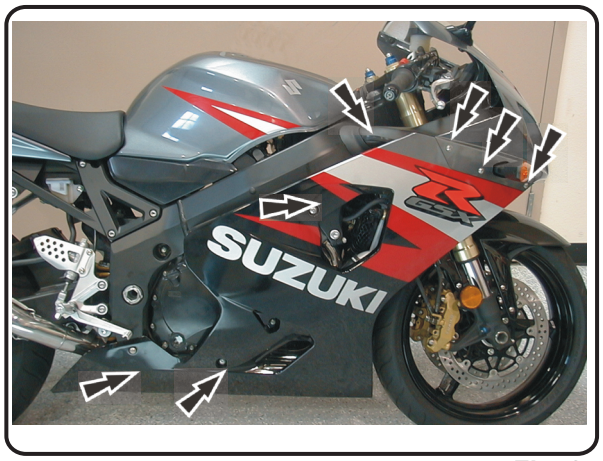


Fig. 2

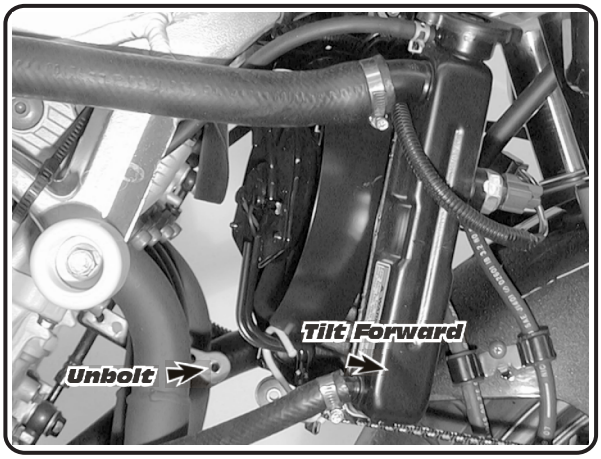


Fig. 3

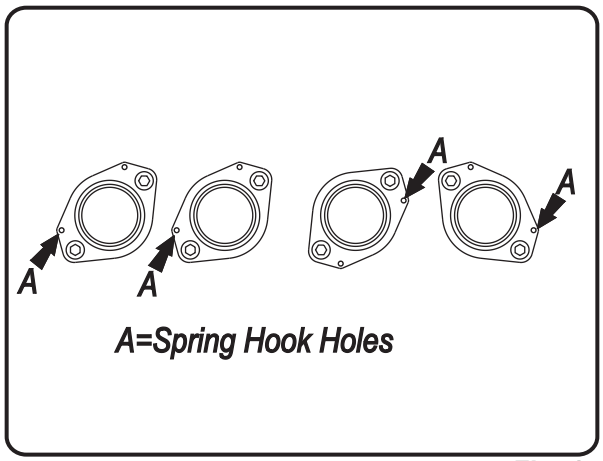


Fig. 4

3 *Remove stock exhaust system and exhaust port gaskets.*

4 *Install new exhaust port gaskets. (not supplied - Suzuki part no. 14181-46E00)*

5 *Install manifolds and flanges to exhaust ports using stock bolts. Torque bolts to 1 Kg-m (7.3 lb-ft). (Refer to Fig. 4 for proper flange orientation)*

6 *Install Yoshimura header. (Install header from one end of the engine to the other. Slip one tube at a time into manifold.)*

7 *Install 2-1/2" exhaust springs into flange spring holes. (Hook one end of the spring through drilled hole then pull the other end with supplied spring puller tool onto header's spring hook.) (See Fig.4)*

8 *With a soft face mallet, tap on header to fully seat tubes into manifolds.*

9 *Install Yoshimura tailpipe with muffler onto header and install 3 1/2" springs between header and tailpipe.*

10 *Bolt tailpipe to inside of chassis mount with stock bolt and supplied nut. (See Fig. 5)*
Torque bolt to 2.5 kg-m (18 lb-ft)

11 *Apply heat insulator to inside of muffler clamp and slide clamp onto muffler. (Note direction of clamp in Fig. 6)*

12 *Mount clamp to the inside of stock bracket using stock bolt, washer, and nut. (See Fig. 6) Torque bolt to 2.5 kg-m (18 lb-ft).*

13 *It is recommended that the entire exhaust system 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.*

14 *Install Yoshimura supplied lower radiator mount using the stock bolt.*

15 *Before starting motorcycle, check for proper clearance between new exhaust system and motorcycle. (i.e. radiator, oil pan, swing-arm, etc.) If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call Yoshimura tech. dept. at (800)634-9166 / in CA (909)628-4722.*

16 *Reinstall cowlings.*

17 *Check for proper clearance between new exhaust system and cowling.*

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

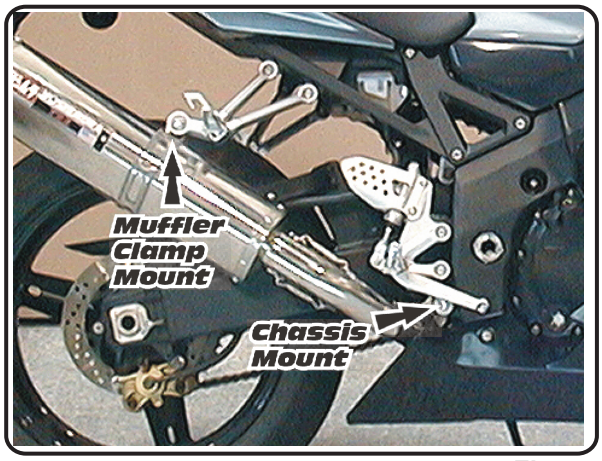


Fig. 5

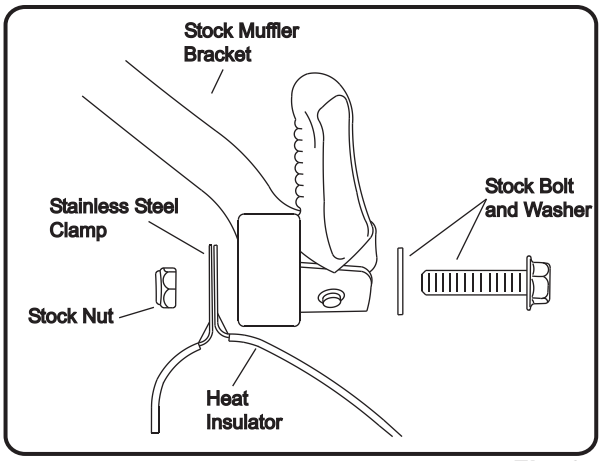


Fig. 6

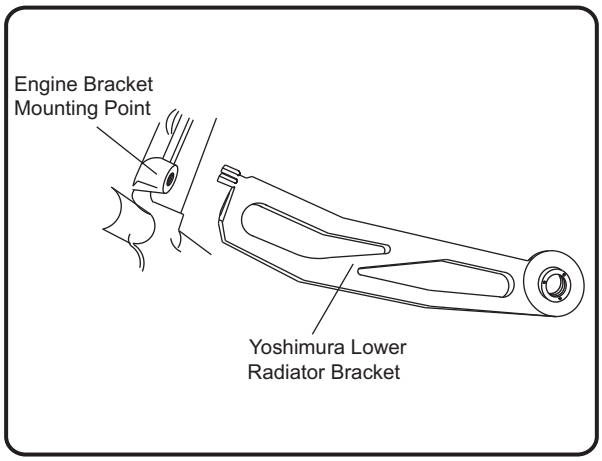
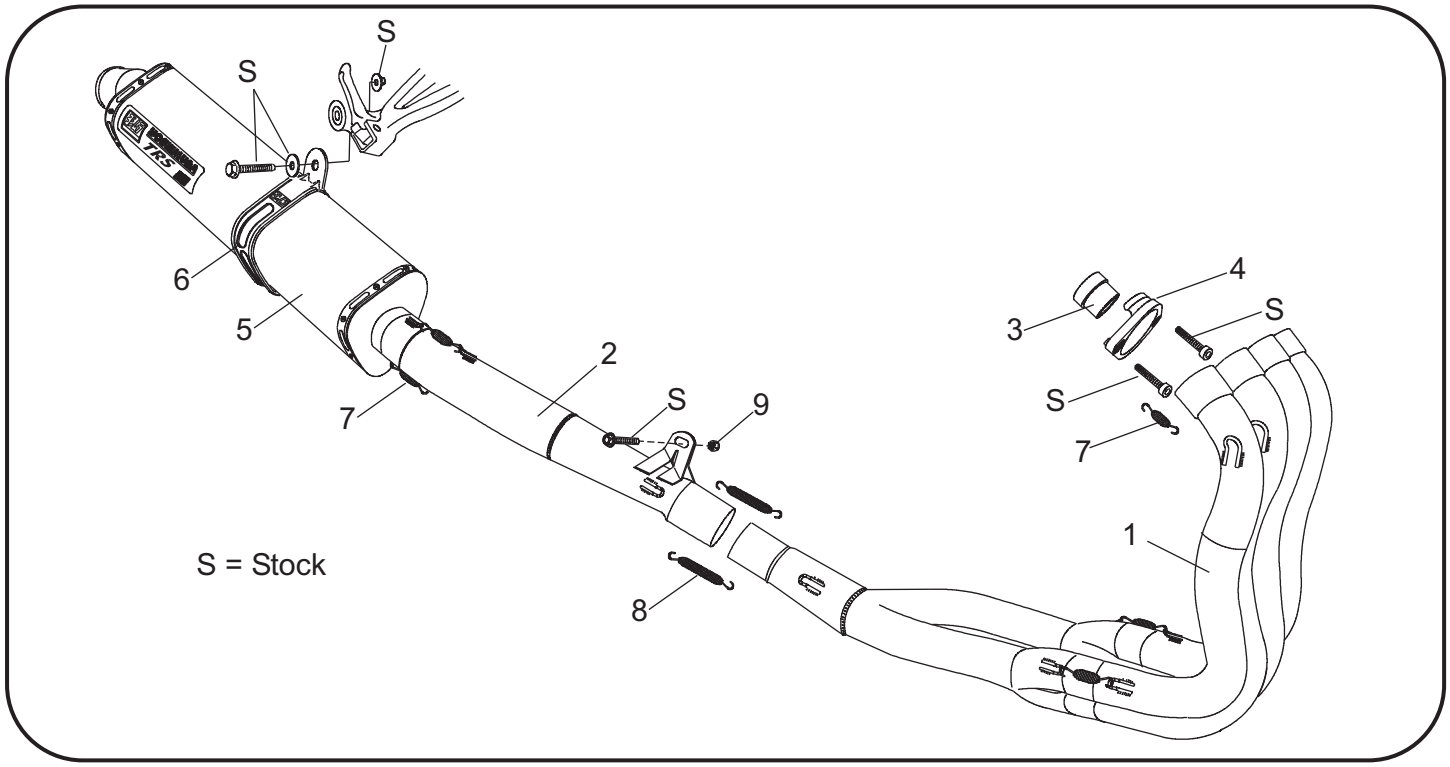


Fig. 7

#110806 (2,5,7)

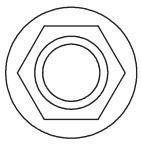


Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Yoshimura Header		
	Stainless Steel Duplex Race Only	1	1107-404
2	Yoshimura Tailpipe		
	Stainless Steel Race Tailpipe	1	1107-419
3	Stainless Steel Exhaust Manifold	4	R795SDM
4	Stainless Steel Exhaust Flange	4	YZ117SDR
5	TRS Muffler Assembly	1	**
6	Stainless Steel TRS Muffler Clamp	1	
	Stainless Steel and Titanium Sleeve use		CTS081X
	Carbon Fiber Sleeve use		CTS081

NO.	DESCRIPTION	QTY	PART #
7	2-1/2" Exhaust Spring	10	RACE-SPS-1
8	3-1/2" Exhaust Spring	2	RACE-SPL-1
9	Flanged Nut	1	8MMNUT
**	Yoshimura Lower Radiator Bracket	1	1108-RBK
**	Muffler Clamp Heat Insulator	1	HT SHLDTRS
**	Spring Puller Tool	1	ST-100
**	TRS Insert Kit	1	TRS-INS-BK
**	Duplex Sticker	2	DLABEL
**	Yoshimura Vinyl Sticker	2	17028-BLK

Nuts and Bolts Guide (Actual Size):



8mm Flange Nut