YOSHIMURA
RESEARCH&DEVELOPMENT OF AMERICA, INC.
5420 DANIELS STREET STE A, CHINO CA., 91710 · (800)634-9166 · (909)628-4722 · FACSIMILE (909)591-2198
www.yoshimura-rd.com

YOSHIMURA PERFORMANCE EXHAUST SYSTEM

SUZUKI 2008-2012 GSX1300R HAYABUSA

1121062	STAINLESS STEEL TRS FULL SYSTEM WITH CARBON FIBER SLEEVE
1121065	STAINLESS STEEL TRS FULL SYSTEM WITH STAINLESS STEEL SLEEVE
1121067	STAINLESS STEEL TRS FULL SYSTEM WITH TITANIUM SLEEVE
1121072	STAINLESS STEEL TRC FULL SYSTEM WITH CARBON FIBER SLEEVE
1121075	STAINLESS STEEL TRC FULL SYSTEM WITH STAINLESS STEEL SLEEVE
1121077	STAINLESS STEEL TRC FULL SYSTEM WITH TITANIUM SLEEVE
1121092	STAINLESS STEEL TRI FULL SYSTEM WITH CARBON FIBER SLEEVE
1121097	STAINLESS STEEL TRI FULL SYSTEM WITH TITANIUM SLEEVE
1121035	STAINLESS STEEL R-22 FULL SYSTEM WITH HIGH POLISH SLEEVE

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 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
Ratchet and Extension
Metric Combination Wrench Set
Allen Swivel Socket Set
Metric Allen Wrench Set
Torque Wrench
Yoshimura Spring Puller

Installation Steps:

1 *Remove mid and lower fairings.*

2 *Remove lower oil cooler mounting bracket completely from motorcycle (This must be removed to install Yoshimura header with duplex). Also, to ease removal and create more header to radiator clearance, remove lower radiator mount bolt and the bolts connecting the oil cooler to the radiator.*

3 *Remove stock mufflers, stock header, and stock exhaust port gaskets.*

NOTE: Exhaust port gaskets will not be used with Yoshimura exhaust system.

NOTE: Stock oxygen sensor must be removed from stock header before stock header can be removed. Stock oxygen sensor will be reinstalled into Yoshimura header.

4 *Install Yoshimura manifolds and flanges using the stock header bolts (see Fig. 1 for flange orientation). Leave header bolts loose to ease Yoshimura header installation.*

5 *Install header from one side of the engine to the other. Slip one tube at a time onto manifolds.*

Fig. 1

Fig. 2

Fig. 3

6 *Loosen two bolts holding stock chassis bracket to chassis. Bolt header to chassis mount using supplied hardware (see Fig. 2 and parts diagram on page 4). Tighten stock chassis bracket.*

7 *Install stock oxygen sensor into Yoshimura header.*

8 *On the right passenger footrest / muffler mount, switch the stock metal insert from the outside of the right rubber muffler mount grommet to the inside of the right rubber muffler mount grommet (see Fig. 3). Remove the left side stock metal insert.*

9 *Install rubber heat insulator to the inside of the Yoshimura muffler clamp and slide Yoshimura muffler clamp over the Yoshimura muffler.*

10 *Install Yoshimura tailpipe and muffler onto the Yoshimura header and secure using the supplied exhaust springs.*

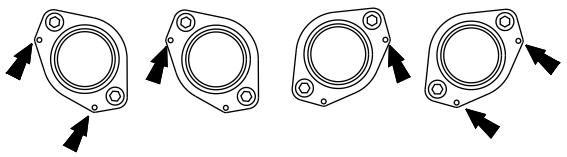
11 *Bolt muffler to the right passenger footrest (right stock muffler mount location) using stock muffler mount hardware (see Fig. 3).*

12 *Torque header bolts to 14 lb-ft (2.0 kg-m).*

13 *Torque chassis and 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 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.



Exhaust Flange Orientation
And
Exhaust Spring Locations

Fig. 1

Header to Chassis Mount

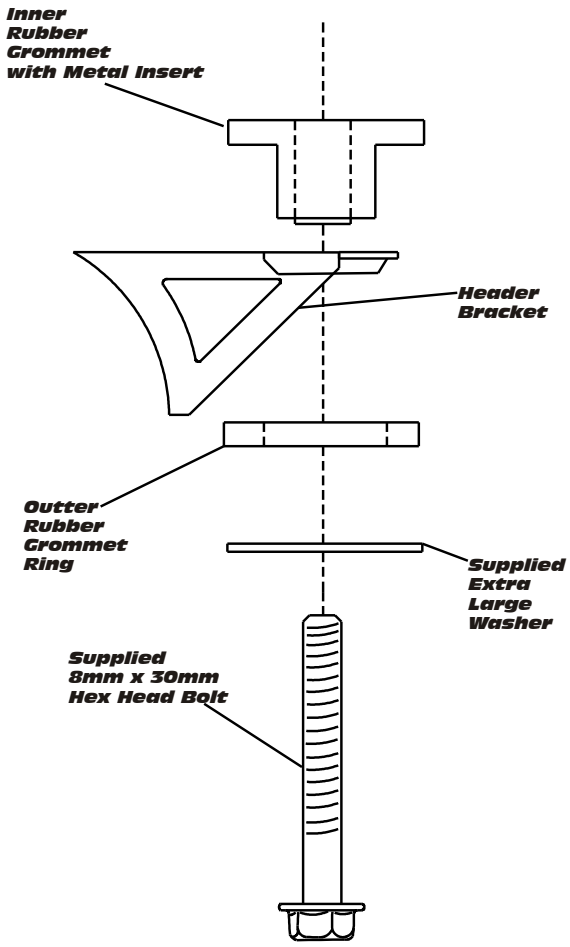


Fig. 2

15 *It is recommended that the entire Yoshimura 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.*

16 *Reinstall all stock items that were removed while removing the stock header.*

17 *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.

Right Passenger Footrest

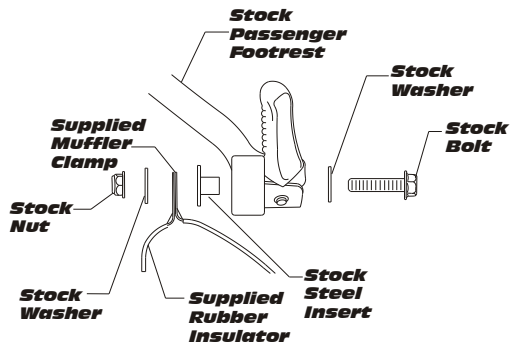
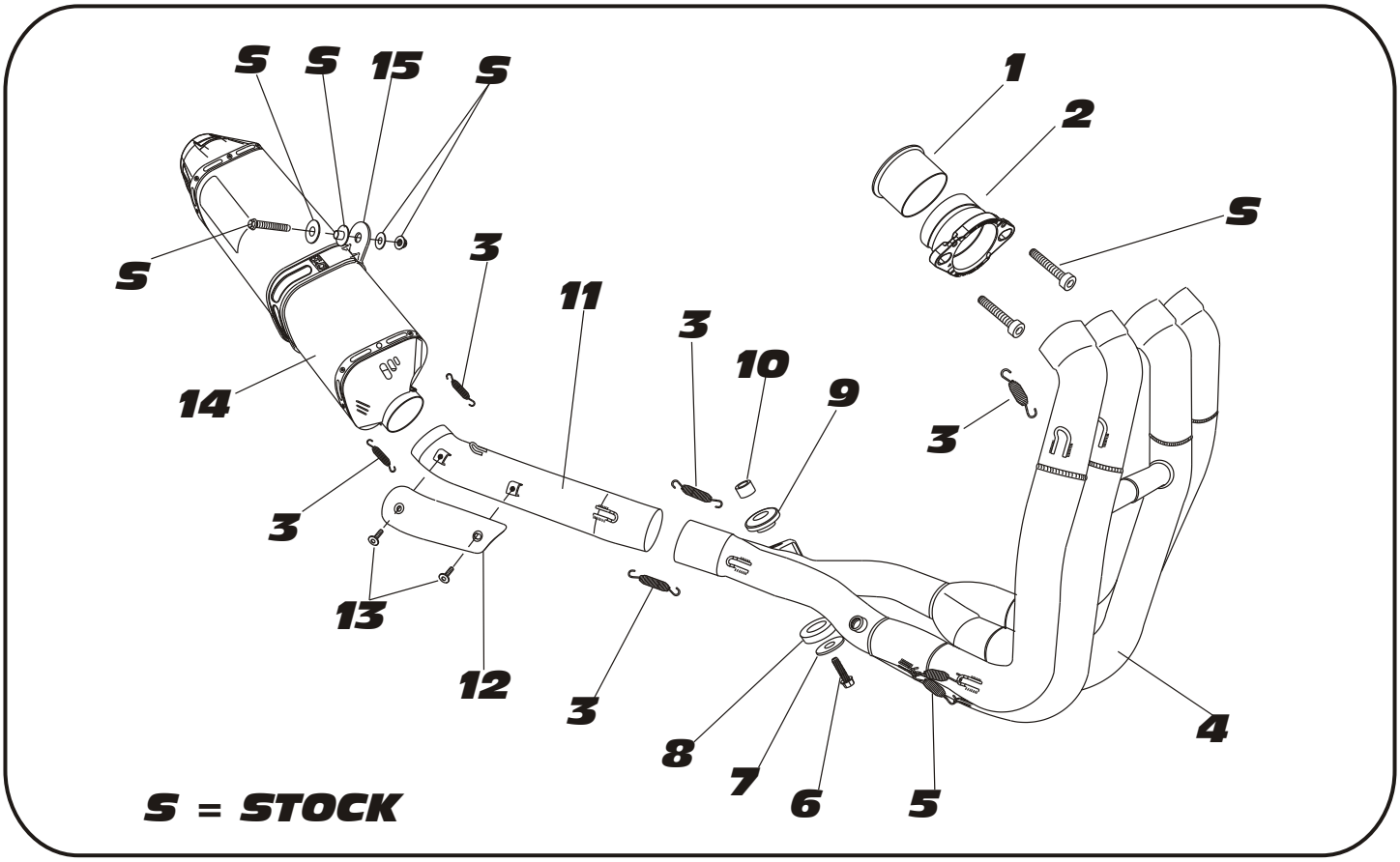


Fig. 3

NOTE: The Yoshimura header includes an adapter for the O2 sensor bung to be used with the M12X1.25 OEM O2 sensor. In the case that an aftermarket O2 sensor is utilized requiring an M18X1.5 thread pitch, remove the adapter shown in Fig 5 to reveal the M18X1.5 bung.

Fig. 4

#112106(2,5,7) / #112107(2,5,7) / #112109(2,7) / #1121035



Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Yoshimura Exhaust Manifold	4	1117SDM
2	Yoshimura Exhaust Flange	4	YZ117SDR-01
3	Medium Race Spring	10	RACE-SPS-1
4	Yoshimura Header	1	1121-404
5	Medium Race Spring	4	RACE-SPS-1
6	8mm x 30mm Hex Head Bolt	1	M8X30H
7	Extra Large Washer	1	8X38WSH
8	Rubber Grommet Outter	1	Z1030
9	Rubber Grommet Inner	1	Z1031
10	Metal Insert for Rubber Grommet	1	Z1031-SP
11	Yoshimura Tailpipe	1	1121-419
12	Yoshimura Tailpipe Heatshield	1	1121-HSR
13	Heatshield Mounting Bolts	2	RC116HSB
14	Yoshimura Muffler	1	**
15	Stainless Steel Muffler Clamp with Carbon Fiber Sleeve with Stainless Steel or Titanium Sleeve	1	 CTS082 CTS082X
**	Muffler Clamp Heat Insulator	1	HT SHLDTRS
**	TRS Insert Kit	1	TRS-INS-BK
**	Spring Puller Tool	1	ST-200
**	Yoshimura Vinyl Sticker	2	17028-BLK