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

OFF-ROAD PERFORMANCE EXHAUST SYSTEM

Suzuki 2005-2007 RMZ-450

2190182	TITANIUM FULL SYSTEM WITH CARBON FIBER SLEEVE
2190187	TITANIUM FULL SYSTEM WITH TITANIUM SLEEVE

NOTE: THIS SYSTEM IS DESIGNED FOR USE IN CLOSED COURSE COMPETITION AND IS NOT INTENDED FOR ANY OTHER USE.

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

CAUTION: The muffler packing on this system MUST be replaced every 6-8 hours of use, or after each moto. Failure to follow recommended muffler re-packing interval can cause muffler damage and may void the warranty.

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:

8mm, 10mm, and 12mm Sockets
Ratchet Wrench and Extension
Torque Wrench
Spring Puller Tool

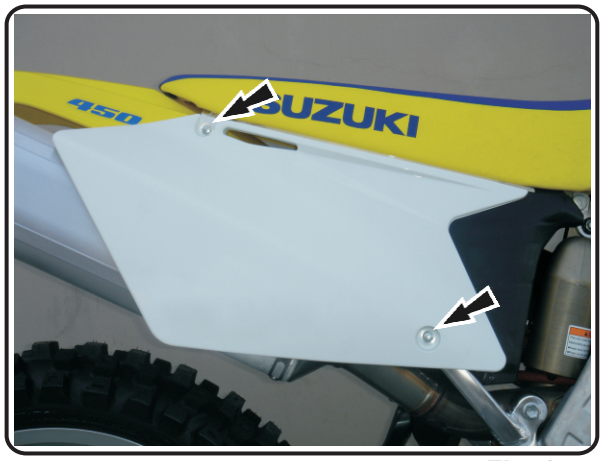


Fig. 1

Installation Steps:

1 Remove right rear number plate (see Fig. 1 for bolt locations).

2 Remove stock exhaust system (see Fig. 2 and Fig. 3 for bolt locations).

3 Remove stock exhaust port gasket. Titanium system is designed to have the exhaust manifold bolted directly to the cylinder head without the use of the stock exhaust port gasket.

4 Install Yoshimura exhaust manifold and flange using stock header nuts.

NOTE: Install springs onto aluminum flange prior to installing flange and manifold.

5 Torque header nuts to 1.0 kg-m (7.3 lb-ft).

6 Install Yoshimura header onto exhaust manifold using supplied springs (use supplied spring puller tool). Ensure header is fully seated onto exhaust manifold.

7 Install supplied rubber grommet into aluminum muffler mounting bracket. Install aluminum insert into rubber grommet (make sure shoulder of aluminum insert faces toward the frame, see Fig.4).

8 Install Yoshimura tailpipe and muffler onto Yoshimura header.

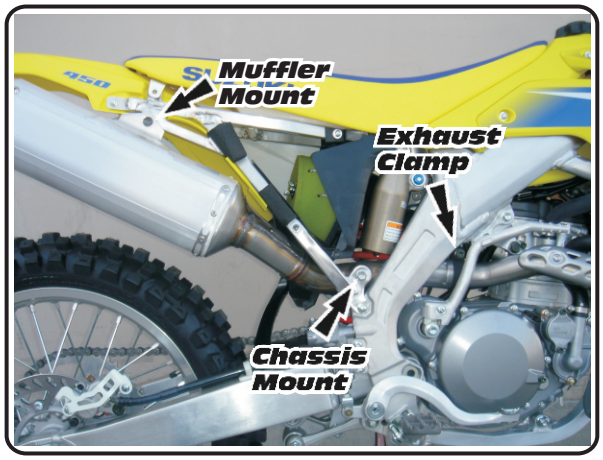


Fig. 2

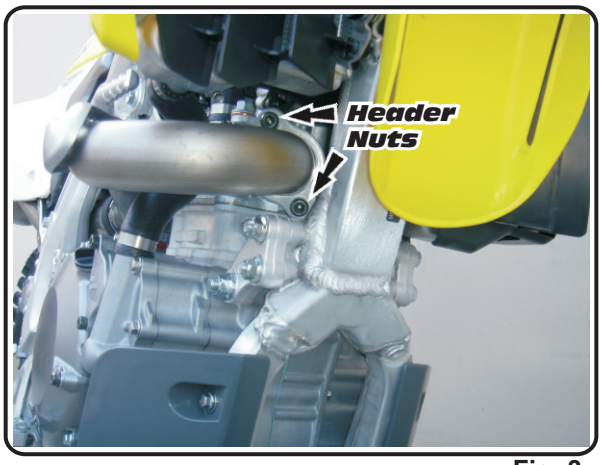


Fig. 3

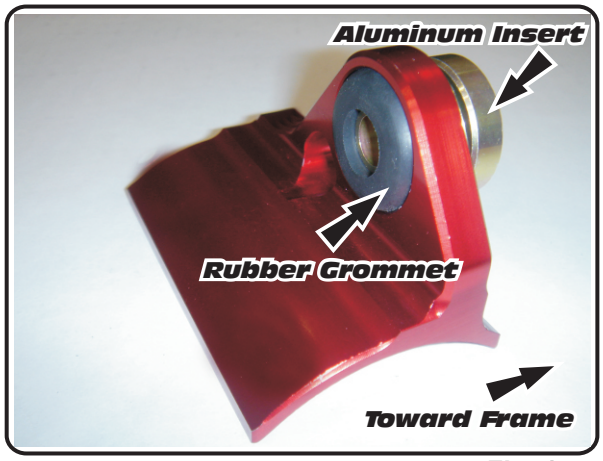


Fig. 4

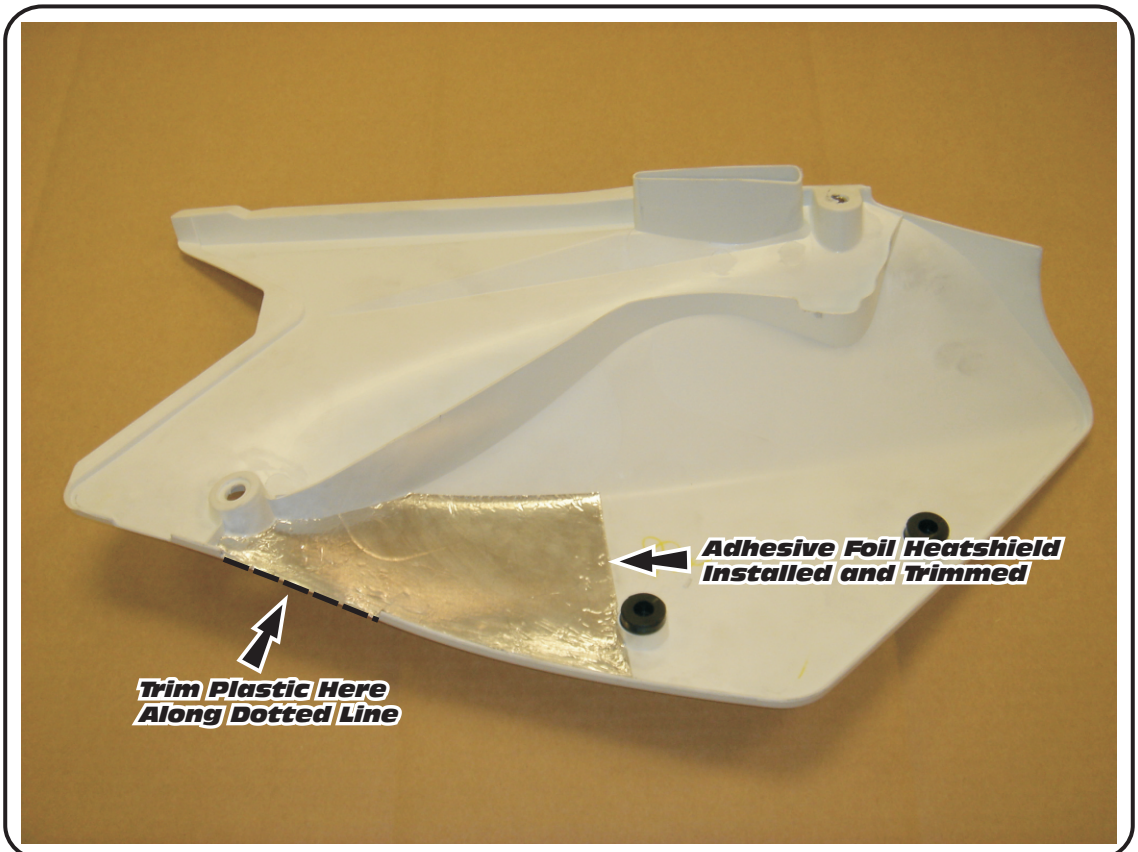


Fig. 5

9 *Install supplied muffler mount bolt and supplied washer. Install supplied chassis mount bolt.*

10 *Check exhaust for proper position and clearance and adjust if necessary.*

11 *Torque muffler mount bolt to 2.5 kg-m (18 lb-ft).*

12 *Torque chassis mount bolt to 2.5 kg-m (18 lb-ft).*

13 *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.*

14 *Before starting motorcycle, check for proper clearance between new exhaust system and rear suspension (i.e. tire, swingarm, brake, rear shock, etc). If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call Yoshimura tech department at (800) 634-9166 / in CA (909) 628-4722.*

15 *Trim the number plate as shown in figure 5. The dotted line in figure 5 shows where the plastic must be cut.*

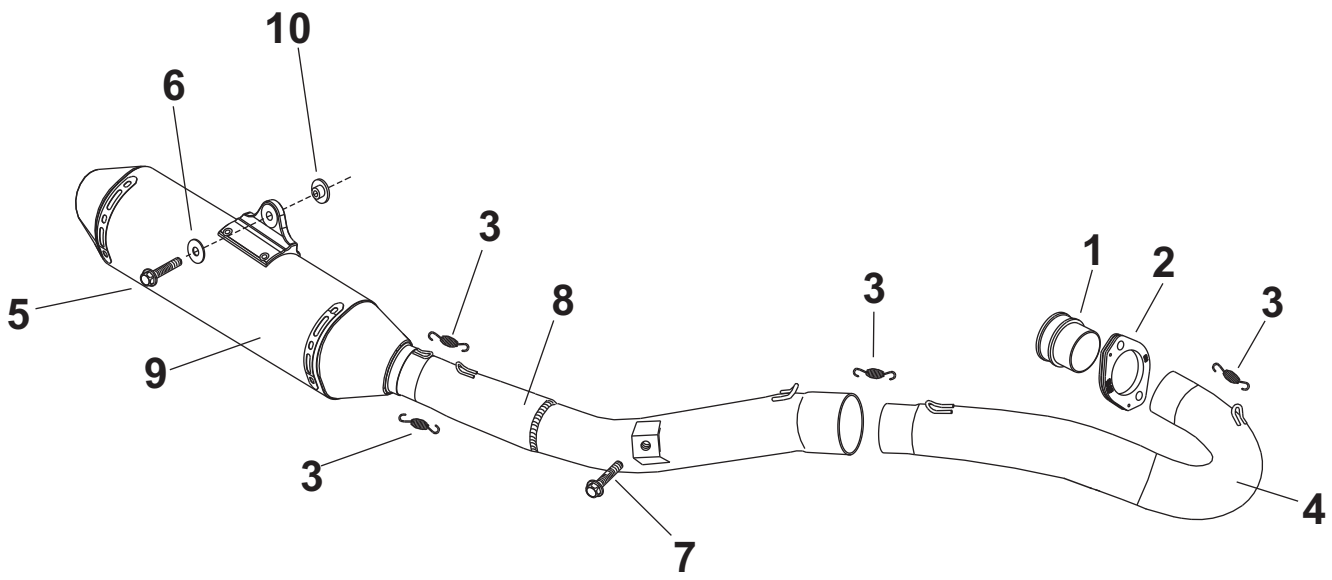
NOTE: Your Yoshimura exhaust system has been designed with weight centralization in mind. Trimming of the number plate is required in order to move the muffler as far forward as possible.

16 *Apply adhesive foil heatshield to the inside of the number plate and trim off excess material as shown in figure 5.*

17 *Reinstall number plate.*

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

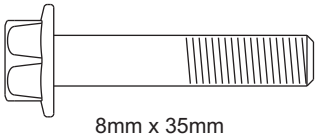
#2190182 / 2190187



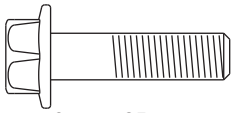
Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Stainless Steel Exhaust Manifold	1	2190SDM
2	Aluminum Flange	1	2190SDR-TI
3	Medium Exhaust Spring	5	RACE-SPS-1
4	Yoshimura Header	1	2190-704
5	8mm x 35mm Flange Bolt	1	M8X35H
6	8mm Large Washer	1	8MMWASHERL
7	8mm x 25mm Flange Bolt	1	M8X25H
8	Yoshimura Tailpipe	1	2190-744-B
9	Yoshimura Race Muffler w ith Carbon Fiber Sleeve w ith Titanium Sleeve	1	 2190182-RMA 2190187-RMA
10	Aluminum Insert for Rubber Grommet	1	ALS-002
**	Adhesive Foil Heatshield	1	2255-00-01
**	Spring Puller Tool	1	ST-200
**	Muffler Mount Rubber Grommet	1	Z1022
**	Yoshimura Vinyl Sticker	2	17028-BLK

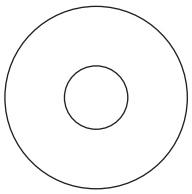
Nuts and Bolts Guide (Actual Size):



8mm x 35mm
Flange Hex Bolt



8mm x 25mm
Flange Hex Bolt



8mm Large Flat Washer