YOSHIMURA
RESEARCH&DEVELOPMENT OF AMERICA, INC.
5420 DANIELS STREET STE A, CHINO CA., 91786 · (800)634-9166 · (909)628-4722 · FACSIMILE (909)591-2198
www.yoshimura-rd.com

RS-3 OFF-ROAD PERFORMANCE EXHAUST SYSTEM
YAMAHA 2004-2009 YFZ450

2375600-SA	*STAINLESS STEEL RS-3 SLIP-ON SYSTEM*
2375602-SA	*STAINLESS STEEL RS-3 SLIP-ON SYSTEM w/ CARBON FIBER*

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:

10mm and 12mm socket
4mm Allen Wrench or Socket
Ratchet Wrench and Extension
Torque wrench

Installation Steps:

1 *Unbolt and remove stock muffler. (See Fig.1)*

2 *Slide supplied collector clamp onto Yoshimura tailpipe. Install tail-pipe onto stock header. (Do not tighten clamp at this time)*

3 *Apply heat insulator to inside of muffler clamps. Slide clamps onto muffler.*

4 *Mount muffler clamps to chassis using supplied bolts, washers and spacers. (See Fig. 2)*

5 *Torque muffler clamp bolts to 2.5 kg-m (18 lb-ft).*

7 *Torque collector clamp clamp nut to 2.0 kg-m (14.5 lb-ft)*

8 *It is recommended that the 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.*

9 *Before starting engine check for proper clearance between new exhaust system and chassis body work or any moving parts. (i.e. rear brake, frame, tire, 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*

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

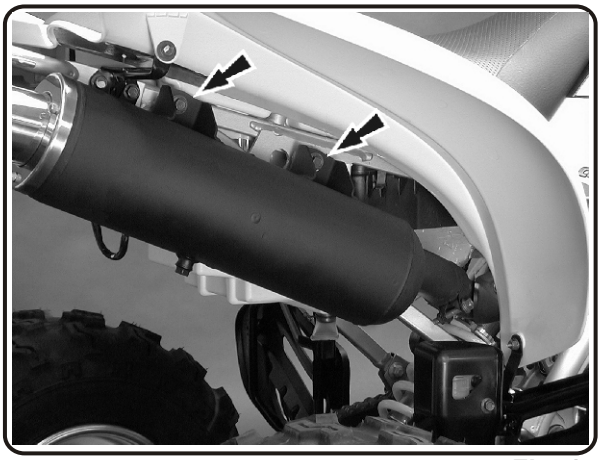


Fig. 1

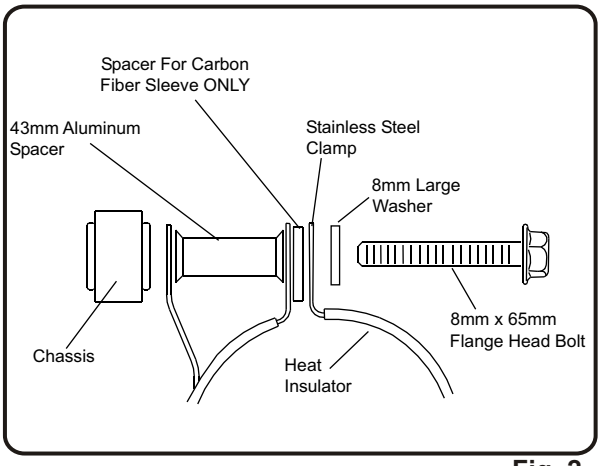


Fig. 2

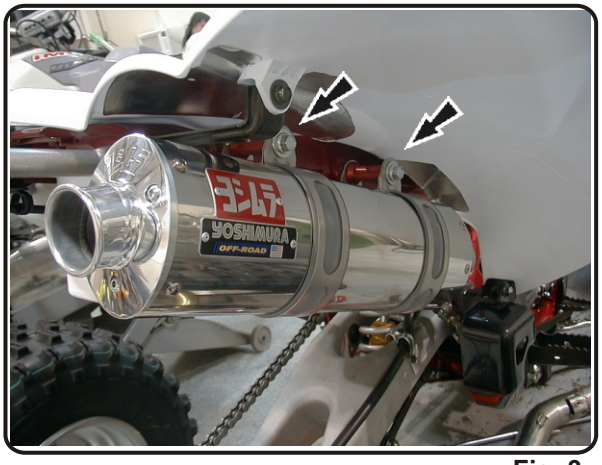
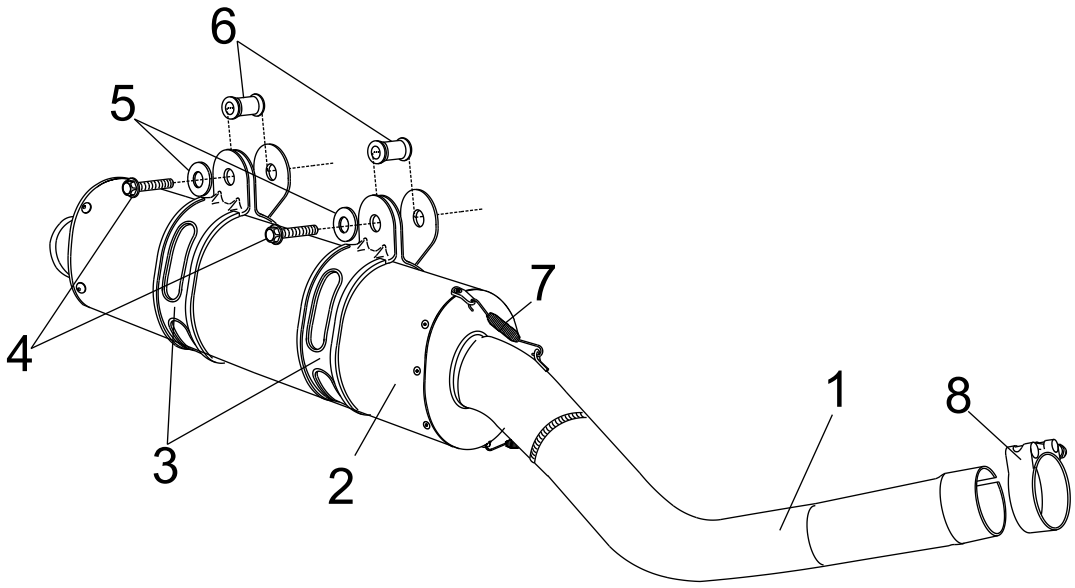


Fig. 3

#2375600-SA / 2375602-SA

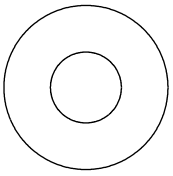


S = STOCK

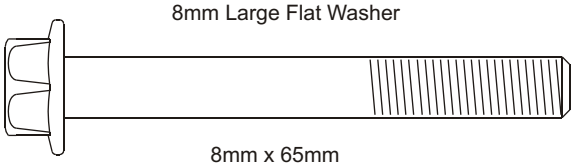
Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Yoshimura Tailpipe Stainless Steel	1	2375-142
2	RS-3 Muffler Assembly	1	**
3	Stainless Steel Muffler Clamp	2	COS400S8ASD
4	8mm X 65mm Flange Head Bolt	2	M8X65H
5	Large Washer	2	8MMWASHERL
6	43mm Aluminum Spacer	2	8MMFS
7	2.3" Race Spring	2	RACE-SPS-1
8	Collector Clamp	1	220-59
**	8x4mm Spacer (for carbon fiber sleeve only)	2	8X4SPCR
**	Spring Puller Tool	1	ST-100
**	Muffler Clamp Heat Insulator	2	HT SHLD-14A
**	Yoshimura Vinyl Sticker	2	17028-BLK

Nuts and Bolts Guide (Actual Size):



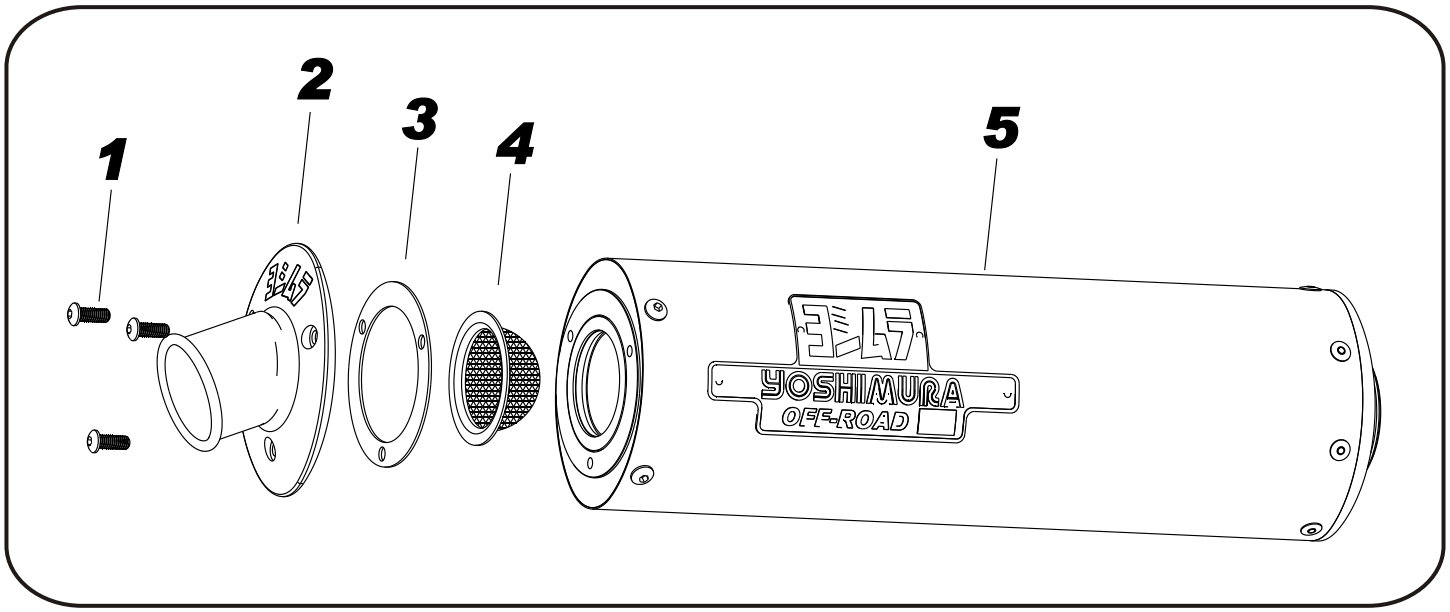
8mm Large Flat Washer



8mm x 65mm
Flange Hex Bolt

YOSHIMURA
RESEARCH&DEVELOPMENT OF AMERICA, INC.
4555 CARTER COURT, CHINO CALIF. 91710 · (800)634-9166 · (909)628-4722 · FACSIMILE (909)591-2198
www.yoshimura-rd.com

TEC-SA Spark Arrester Cleaning Information



Parts Diagram

Caution: Muffler can be extremely hot. Let muffler cool down before removing spark arrester.

Note: Read through all instructions before beginning disassembly.

NO.	DESCRIPTION	QTY
1	6 x 1.0mm x 16mm Button Head Screw	3
2	4.0" YRD End Cap, Cover	1
3	T.E.C. End Cap, Gasket	1
4	T.E.C. End Cap, Spark Arrester	1
5	Muffler Assembly	1

Tools Needed:

4mm Allen Key
Wire Brush
Pair of Gloves
Safety Glasses

Cleaning Steps:

1 Using a 4mm Allen key remove the three 6mm x 16mm Button Head Screws located in the muffler end cap. (See Parts Diagram for location)

2 Remove the end cap, gasket and spark arrester from the muffler.

3 Using a wire brush remove carbon deposits from spark arrester screen. Once clean inspect the screen for excessive wear or damage, if any is found the spark arrester must be replace. Cleaning and inspection should be performed after every 60 hours of use.
(Caution: Gloves and Safety Glasses should be worn while cleaning spark arrester.)

4 Re-install spark arrester, gasket, end cap and 6mm x 16mm screws into muffler assembly. Torque screws to 1.0 kg-m (7.3 lb-ft)
(Note: It is recommended that a low strength "Loc-tite" is used on the screws.)