



YOSHIMURA

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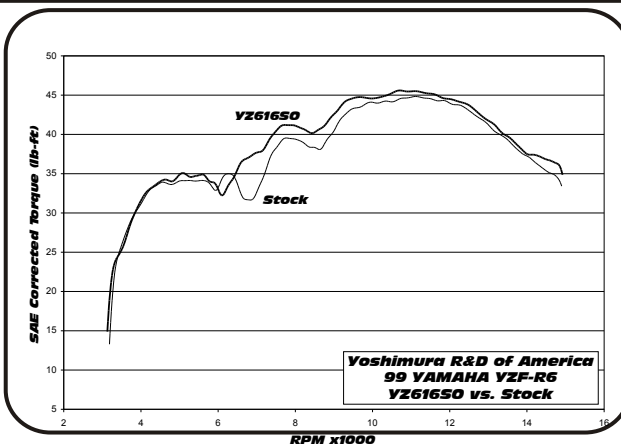
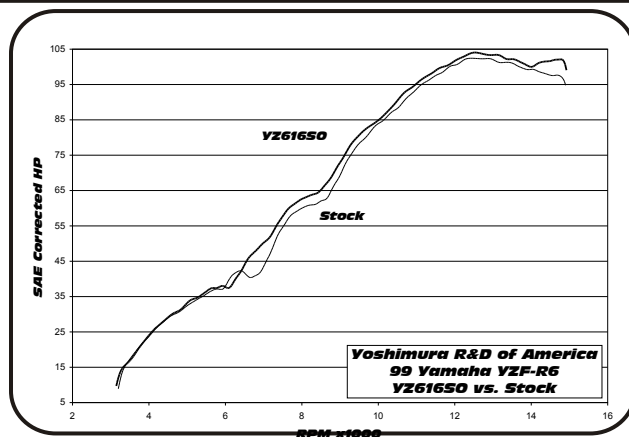
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RS-3 OVAL PERFORMANCE EXHAUST SYSTEM

YAMAHA
'99-02 YZF-R6

YZ616SO

STAINLESS STEEL RACE ONLY SLIP ON



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:

11mm (7/16") deep socket
3/8" ratchet
14mm wrench
8mm Allen bit for torque wrench
13/64" drill bit
Power drill
Safety glasses
Torque wrench

Installation Steps:

- 1 Remove lower right cowling.
(See Fig. 1 & 2 for fastener locations.)
- 2 Remove stock muffler and tailpipe assembly.
- 3 Slip 2" stainless steel exhaust clamp over Yoshimura tailpipe and install muffler and tailpipe assembly onto stock header.
- 4 Apply muffler clamp heat insulator to inside of muffler clamp and slide clamp onto muffler.
(Note direction of clamp in Fig. 3)
- 5 Mount clamp to stock muffler bracket using stock bolt, washers and nut. (See Fig. 3) Hand tighten bolt only at this point.
- 6 Standing at the back of the motorcycle, check the orientation of the muffler (the exhaust tip should be pointing down) and check for clearance between swing arm, rear brake and muffler.
- 7 Tighten muffler clamp bolt to 2.5 kg-m (18 lb-ft)

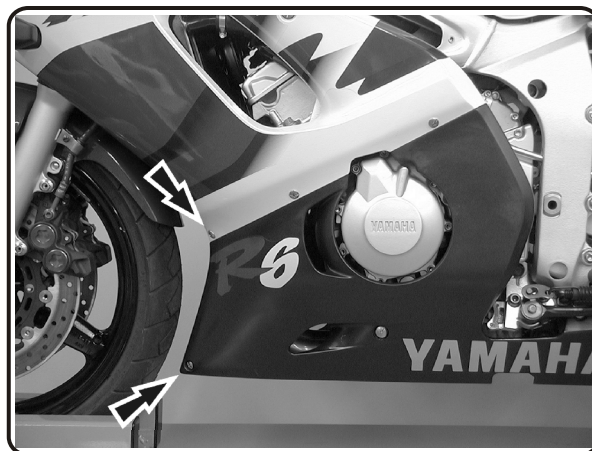


Fig. 1

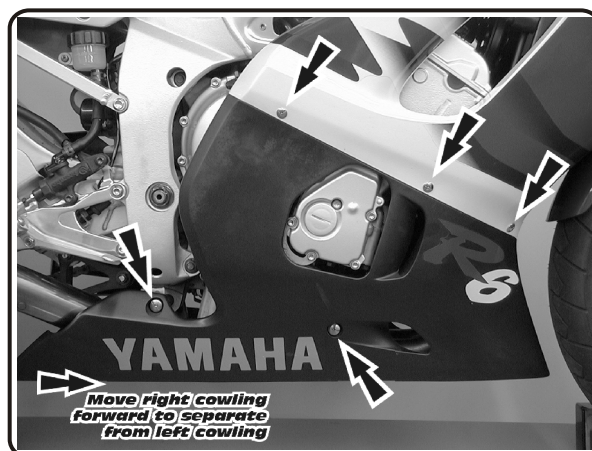


Fig. 2

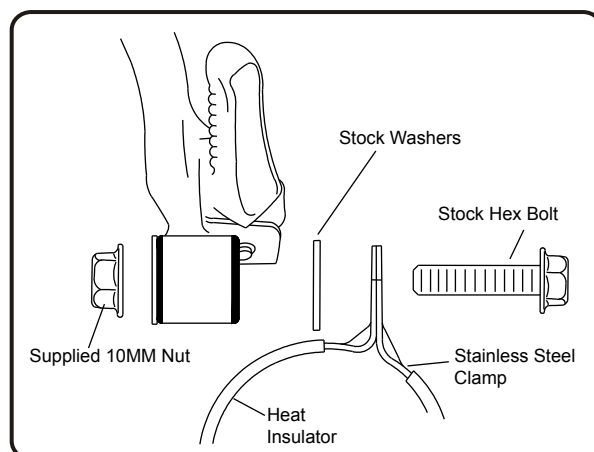
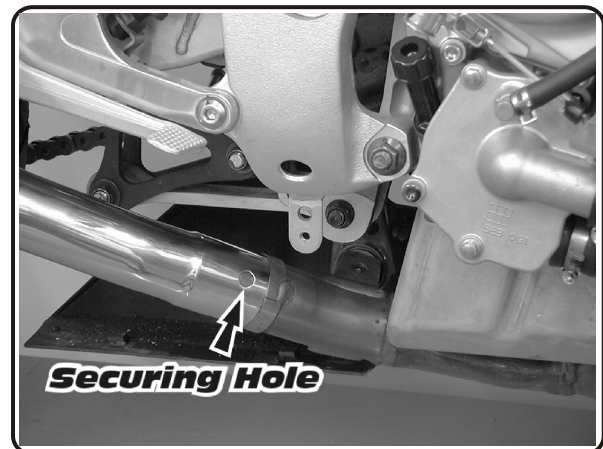
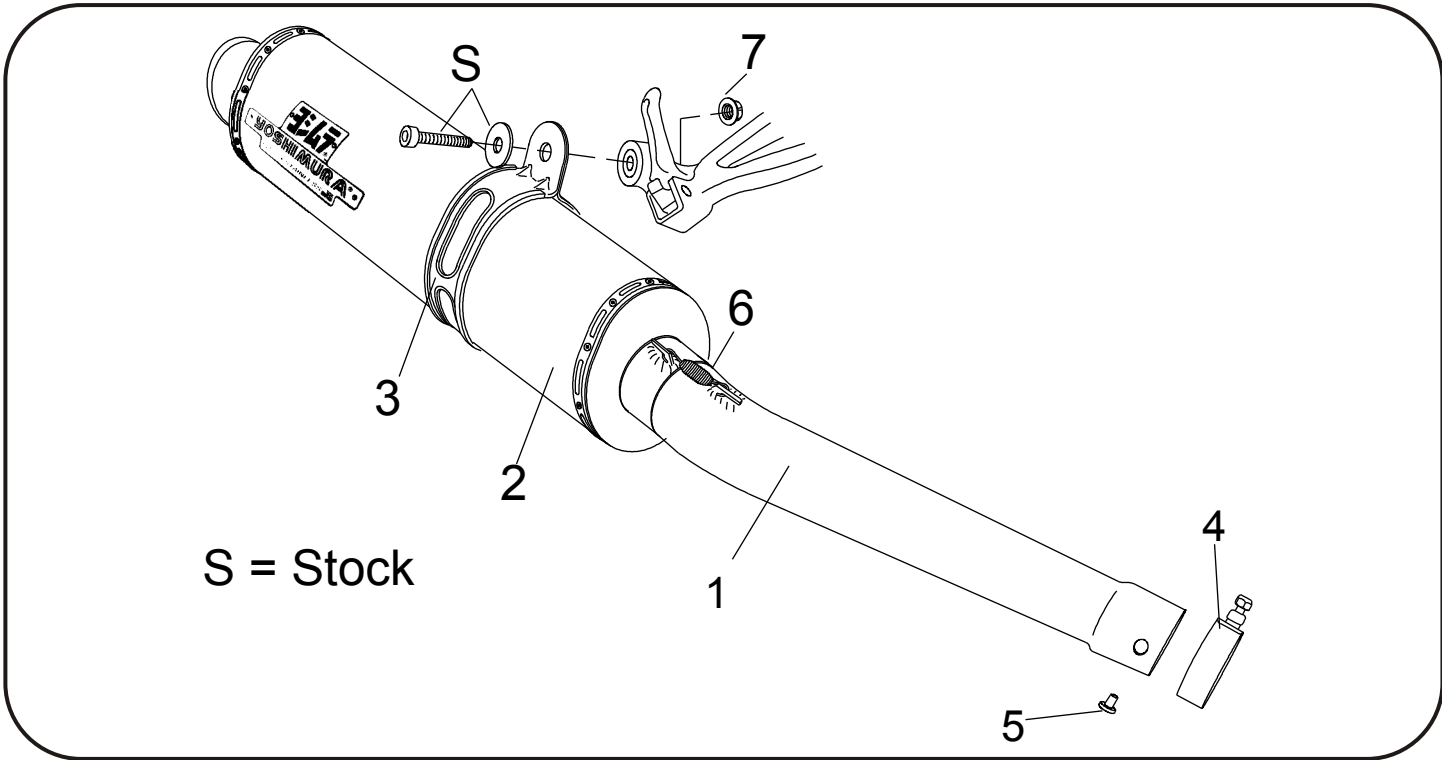


Fig. 3

- 8 Drill 13/64" hole thru end of header at the center of the securing hole in Yoshimura tailpipe. (See Fig.4) (Caution: Always wear eye protection when using any power tool.)
 - 9 Install securing rivet into drilled hole, slide 2" stainless steel exhaust clamp over rivet and torque clamp nut to 1.25 kg-m (9 lb-ft.).
 - 10 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.
 - 11 Check for proper clearance between new exhaust system and swing arm. 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
 - 12 Reinstall cowling.
 - 13 Check for proper clearance between new exhaust system and cowling.
- Note:** After starting motorcycle, it is normal for new exhaust system and muffler to smoke until oil residue burns off.

**Fig. 4**

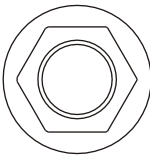
#YZ616SO



Parts Diagram

	DESCRIPTION	QTY	PART #
1	Stainless Steel Race Only Tailpipe	1	YZ616SOT
2	RS-3 Oval Muffler Assembly	1	**
3	Stainless Steel Muffler Clamp Stainless Steel or Titanium Sleeve uses Carbon Fiber Sleeve uses	1	COS450S10ASX COS450S10AS
4	2" Stainless Steel Exhaust Clamp	1	20060
5	Securing Rivet	1	S-RIVET
6	2-1/2" Exhaust Spring	2	RACE-SPS
7	10mm Nut	1	10MMFNUT
**	4-1/2" Heat Insulator	1	HT SHLDTRS
**	Yoshimura Vinyl Sticker	1	17029

Nuts and Bolts Guide (Actual Size):



10mm Flange Nut