YOSHIMURA
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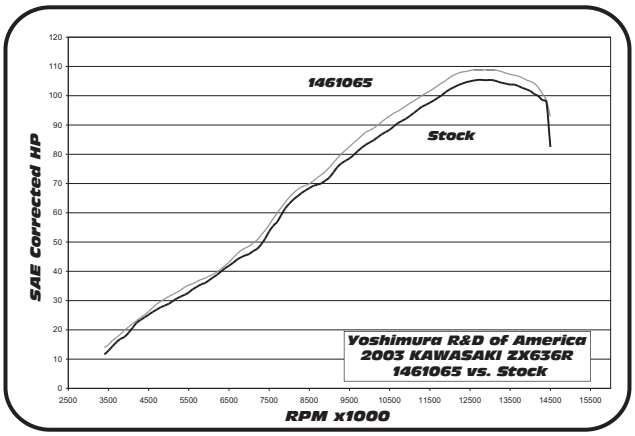
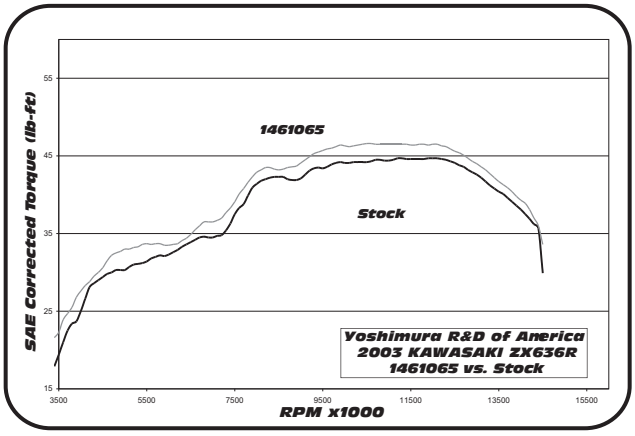
TRS TRI-OVAL PERFORMANCE EXHAUST

KAWASAKI '03-04 ZX-6R/RR

146106(2,5,7)	STAINLESS STEEL RACE FULL 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 ANY OTHER 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:

12mm and 14mm sockets
3/8" ratchet and extension
17mm wrench
4mm Allen wrench
Phillips screwdriver
Torque wrench

Installation Steps:

1 Remove left and right cowling. (see Fig.1)

2 Remove lower radiator bracket and tilt radiator forward slightly. (see Fig. 2 & 3)

NOTE: To protect radiator duct tape can be used to cover the lower inside portion of the radiator when removing/installing the header.

3 Remove stock exhaust system and exhaust port gaskets.

4 Install new exhaust port gaskets onto Yoshimura Header. (Not supplied - Kawasaki part no. 11060-1203)

5 Install Yoshimura header using stock header nuts.

NOTE: In some cases it may be neccesary to adjust header tubes for header to fit exhaust ports (See Fig. 4) *Use padding or soft tool*

6 Torque header nuts to 2.3 kg-m (16.5 lb-ft)

Fig. 1

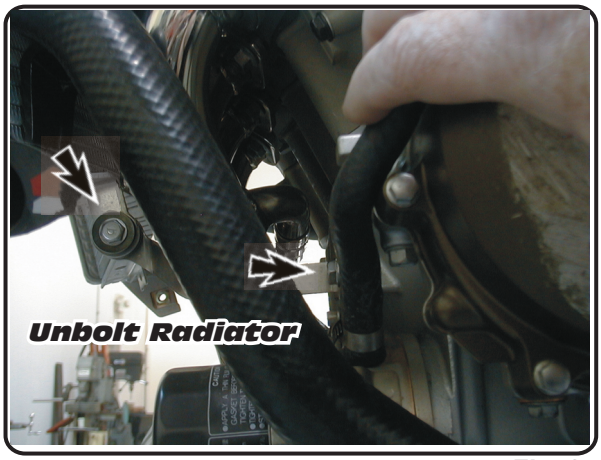


Fig. 2

Fig. 4

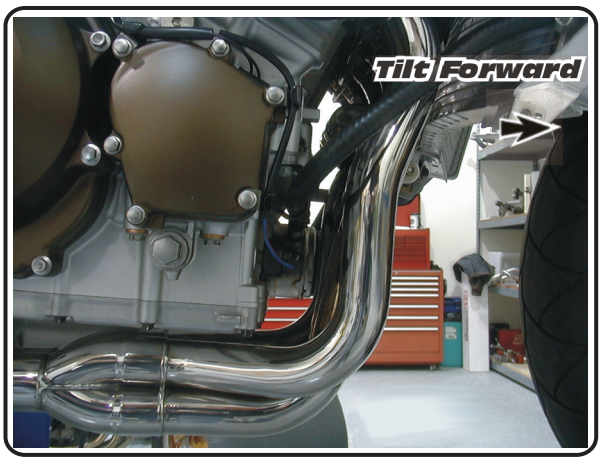


Fig. 3

7 Install Yoshimura tailpipe with muffler onto header.

8 Install 3" exhaust springs between header and tailpipe using supplied spring puller tool.

9 Insert muffler clamp heat insulator inside muffler clamp and slide clamp onto muffler. (Note direction of clamp in Fig. 7)

NOTE: Prior to bolting muffler clamp, stand at back of bike to check muffler orientation. It may be necessary to rotate muffler so the inside edge is aligned up and down with the motorcycle (not tilted to one side or the other) .

10 Mount clamp to stock muffler bracket using stock bolt, washer and nut. (See Fig. 4)
Torque bolt to 2.5 kg-m (18 lb-ft).

11 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.

12 Reinstall lower radiator bracket.

13 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

14 Reinstall cowlings.

15 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.

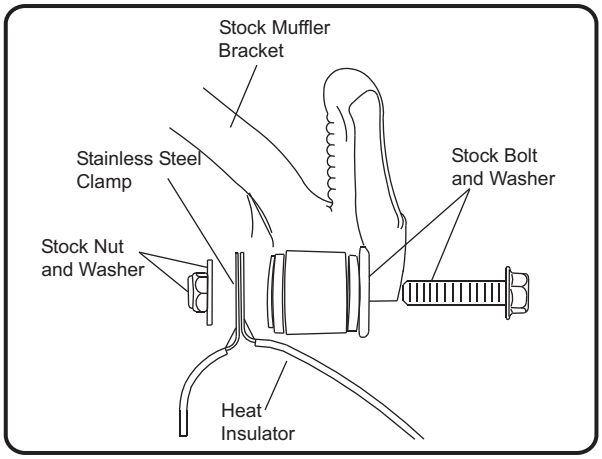
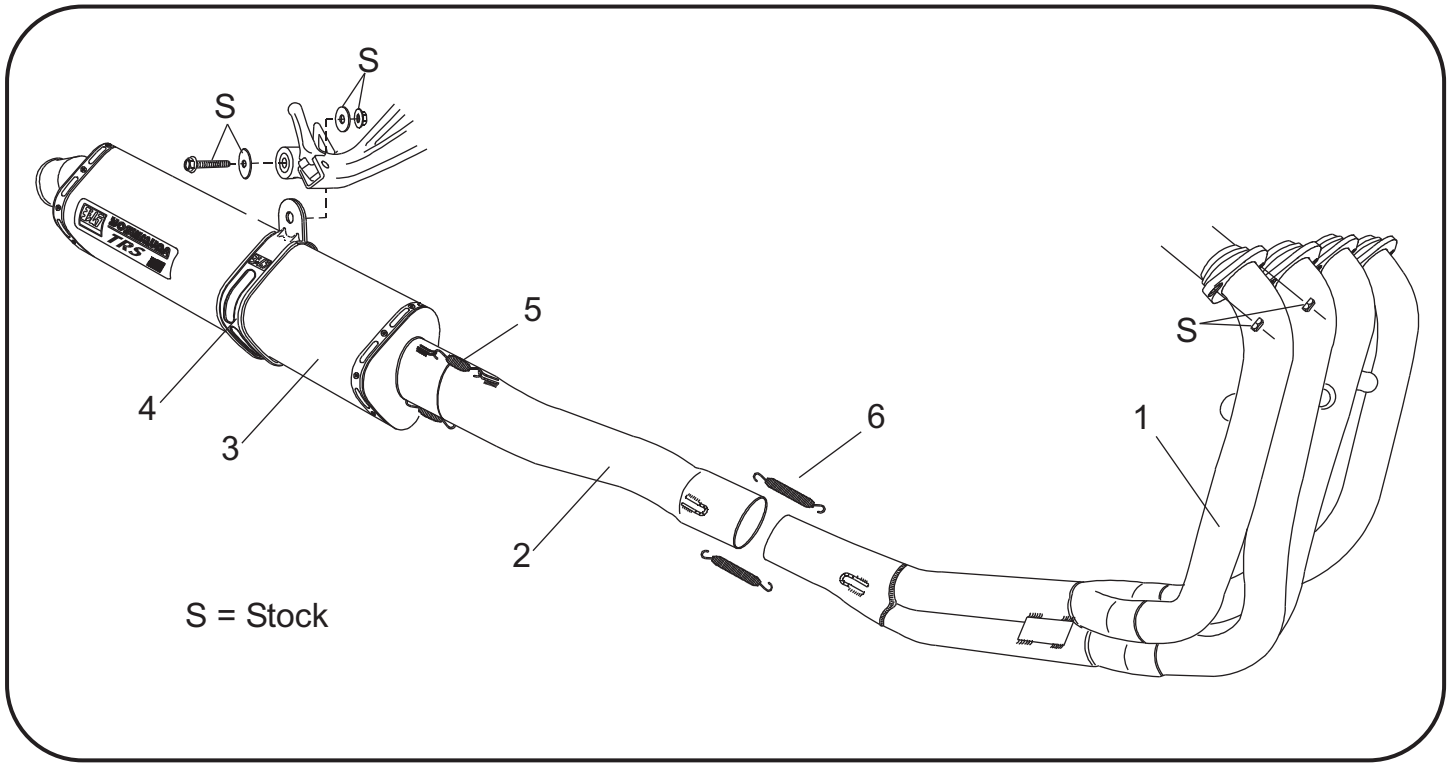


Fig. 4

#146106 (2,5,7)



Parts Diagram

NO.	DESCRIPTION	QTY	PART #
1	Yoshimura Header Stainless Steel Race Duplex	1	 1461-401
2	Yoshimura Tailpipe Stainless Steel	1	 1461-419
3	TRS Tri-Oval Muffler Assembly	1	**
4	Stainless Steel Muffler Clamp Stainless Steel or Titanium Sleeve use Carbon Fiber Sleeve use	1	 CTS102X CTS102
5	2.5" Exhaust Spring	2	RACE-SPS
6	3.5" Exhaust Spring	2	RACE-SPL
**	TRS Muffler Clamp Heat Insulator	1	HT SHLDTRS
**	Spring Puller Tool	1	ST-100
**	TRS Insert Kit	1	TRS-INS-BK
**	Yoshimura Duplex Sticker	2	DLABEL
**	Yoshimura Vinyl Sticker	2	17028-BLK