

SUZUKI GSX-R125/S125 STREET SPORTS FULL SYSTEM GP-MAGNUM

Be sure to read the instruction carefully before starting the work. It is necessary to follow the contents to install Yoshimura product.

Product information



- CAUTION** Before beginning installation, let motorcycle cool down.
- CAUTION** Be sure not to damage each part during installation.
- CAUTION** Torque specification must be followed. If neglected, it may cause bolt and nut to fall off and damage to Yoshimura product and motorcycle.
- CAUTION** Titanium Blue sleeve is colored by anodizing. Handle with care as the color may change. When cleaning silencer, use soft cloth with dish soap but do not use metal polish or chemical cleaner.

1. Product Information :

Description	SUZUKI GSX-R125/S125 Street Sports Full System GP-MANUM	Cyclone Type	S523S77C1
Part Number	Stainless Sleeve (SS) : 180A-524-5U50	Main Material	Stainless steel
	Satin Finish Sleeve (SSF) : 180A-524-5U30	Weight [STD : 4.7kg]	(SS) & (SSF) : 2.9kg
	Titanium Sleeve (ST) : 180A-524-5U80		(STB) : 2.7kg
	Titanium Blue Sleeve (STB) : 180A-524-5U80B		(SC) : 2.6kg

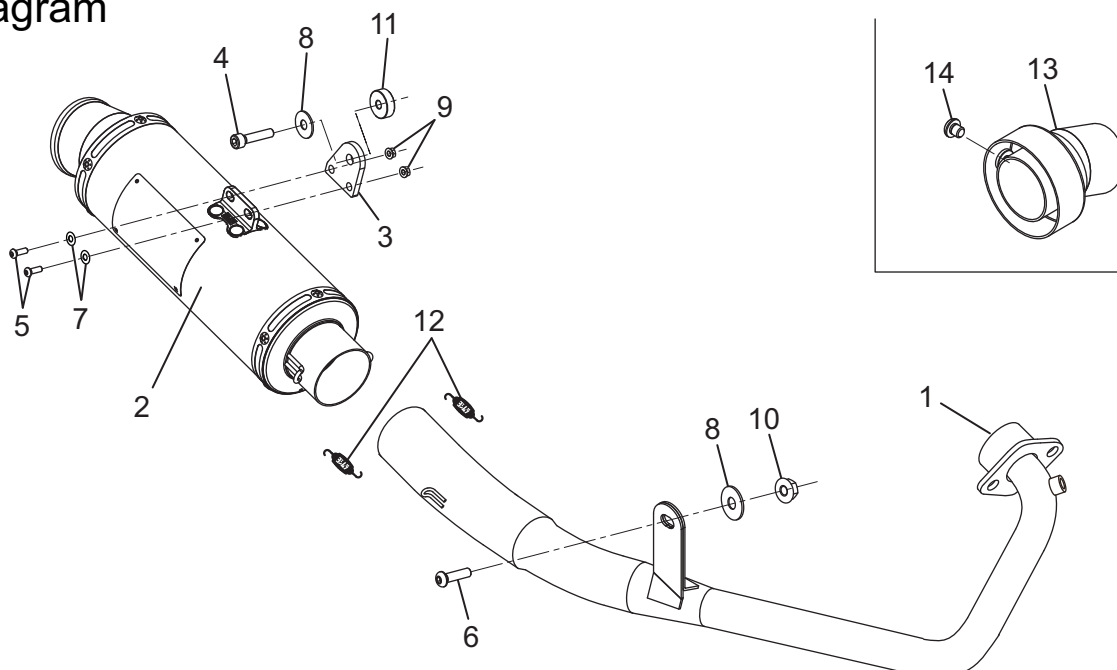
2. Applicable Model :

Model	SUZUKI GSX-R125/S125
-------	----------------------

3. Contents:

No.	Descriptions	Part No.	Q'ty	No.	Descriptions	Part No.	Q'ty
1	Exhaust Pipe	181-524-5100	1	7	Washer M6x13	812-206-1310	2
2	Silencer Assy, (SS)	186-524-5U50	1	8	Washer M8x26	812-108-2600	2
	Silencer Assy, (SSF)	186-524-5U30		9	Flange Nut M6	823-006-1000	2
	Silencer Assy, (STB)	186-524-5U80B		10	Flange Nut M8	823-008-1250	1
	Silencer Assy, (SC)	186-524-5U90		11	Spacer 8-26-10	860-008-2610	1
3	Silencer Bracket	161-523-0220	1	12	Exhaust Spring	118-001-0000	2
4	Cap Bolt M8x50	800-208-5050	1	13	SD#147	138-138-38E7	1
5	Button Bolt M6x20	803-206-4020	2	14	Button Bolt M6x6 with thread lock	803-806-4006	1
6	Button Bolt M8x35	803-208-5035	1				

Parts Diagram



4. Installation steps:

- 1) Check all the component parts are in hand.
- 2) According to SUZUKI service manual, remove side and under fairings.
GSX-S125 is required only under faring removing.

- 3) Disconnect O2 sensor coupler. Then, remove stock exhaust system from vehicle (See Fig. 1 & 2).

CAUTION When removing stock exhaust system, be careful not to damage frame and other components.

REFERENCE Stock bolts removed at this stage are reused when mounting Yoshimura exhaust system.

- 4) Remove O2 sensor from stock exhaust system. Then, install it to Exhaust Pipe and tighten with stated torque (See Fig. 3).

Tightening Torque O2 sensor : 25Nm

CAUTION Torque specification must be followed.

- 5) Insert SUZUKI genuine new exhaust gasket on exhaust port. Then, insert Exhaust Pipe into exhaust port and fix it with stock bolts (See Fig. 4 & 5). Tighten bolts by hand only at this stage.

CAUTION Use SUZUKI genuine new gasket.

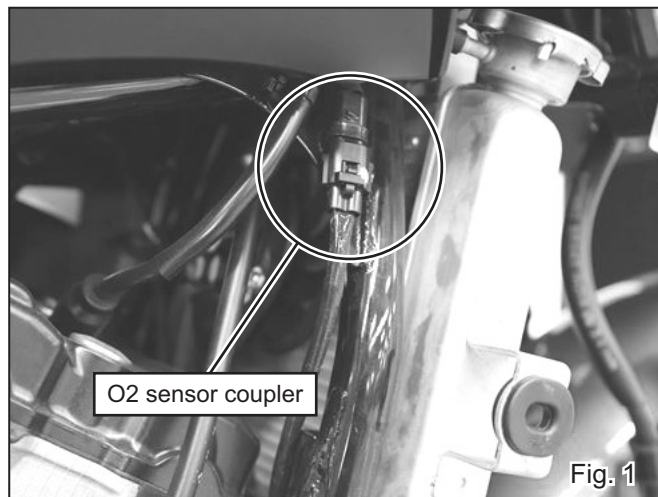


Fig. 1



Fig. 2

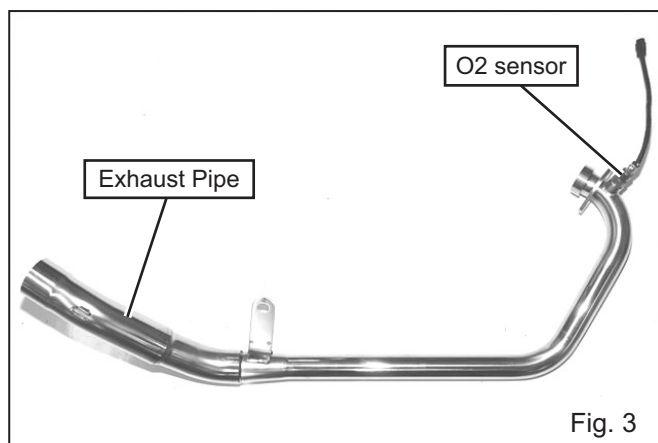


Fig. 3

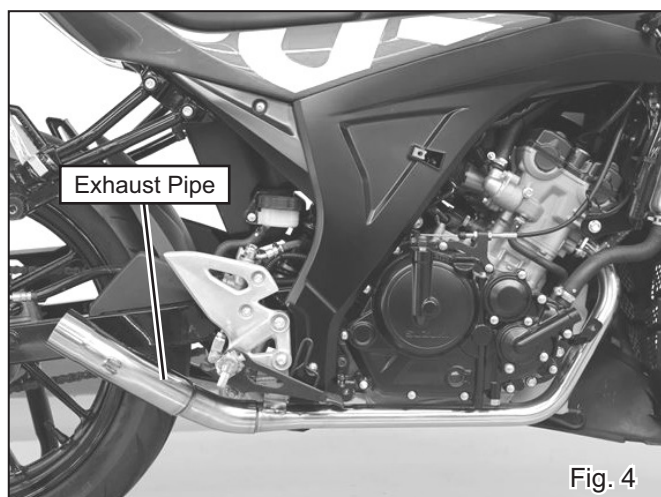


Fig. 4

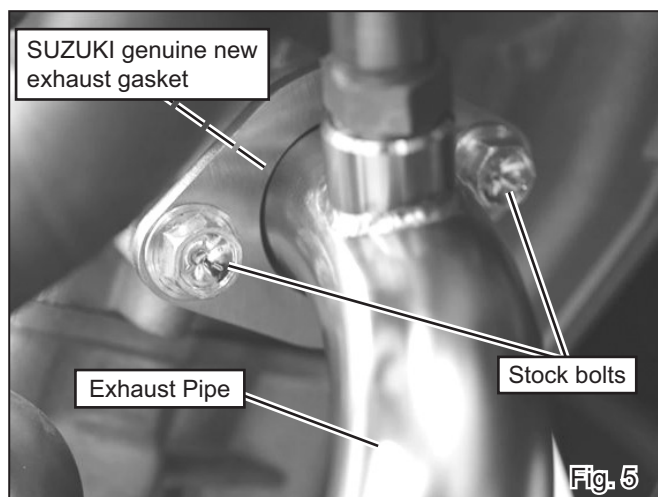


Fig. 5

- 6) Remove stock bolt on right hand foot peg bracket at the bottom one, and replace it with Button Bolt M8x35 to mount foot peg bracket and Exhaust Pipe bracket together. Fix Washer M8x26 and Flange Nut M8 to Button Bolt M8x35 (See Fig 6, 7 & 8). Tighten the nut by hand only at this stage.

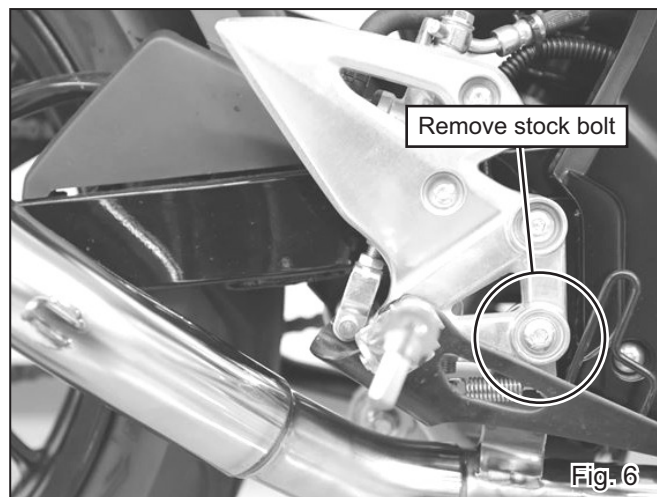


Fig. 6

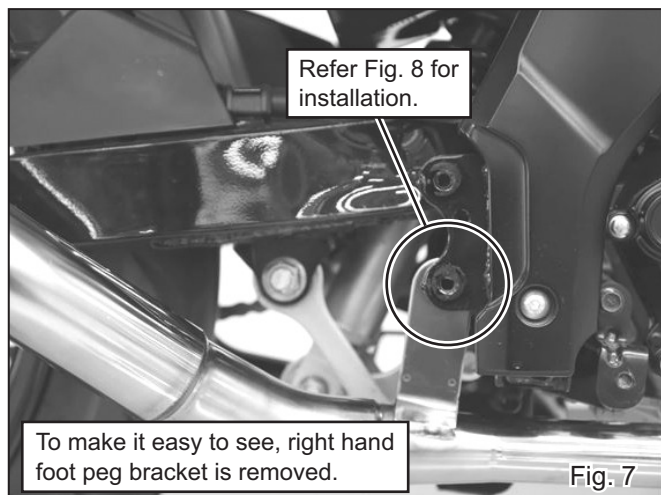


Fig. 7

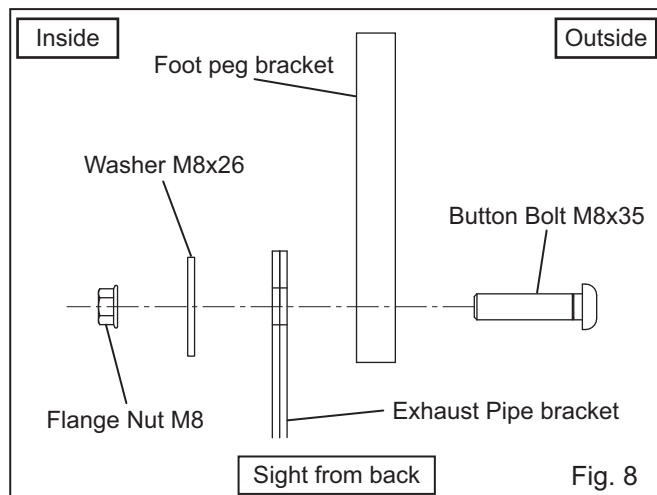


Fig. 8

- 7) For adjusting position of silencer, loosen bolts on right hand passenger's foot peg bracket (See Fig. 9).

REFERENCE It is NOT necessary to take out bolts completely.

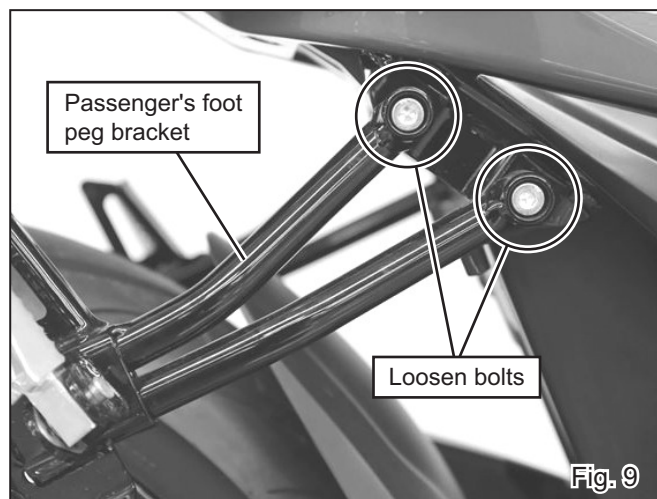


Fig. 9

- 8) Mount Silencer Bracket on Silencer Assy with 2 of each Button Bolt M6x20, Washer M6x13 and Flange Nut M6 (See Fig. 10). Tighten bolts by hand only at this stage.

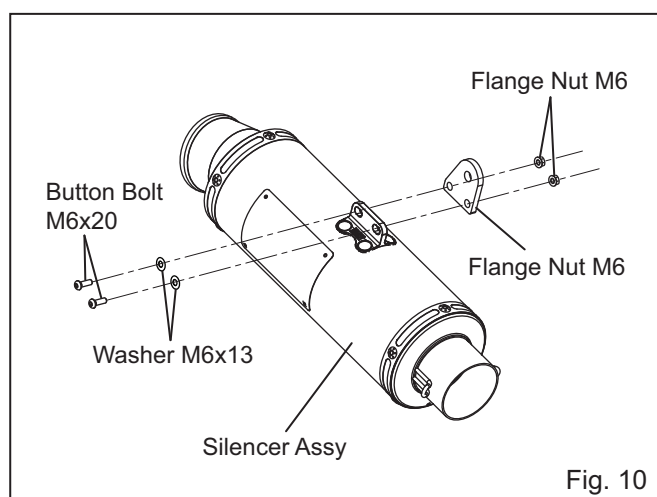


Fig. 10

- 9) Install SD#147 with Button Bolt M6x6 Thread Lock if necessary (See Fig. 11).

REFERENCE

Without dB killer : 97dB/5,000rpm
With dB killer SD#147 : 96dB/5,000rpm

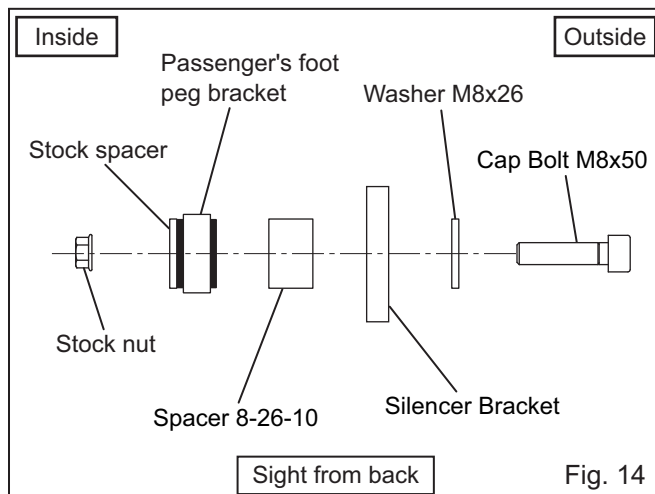
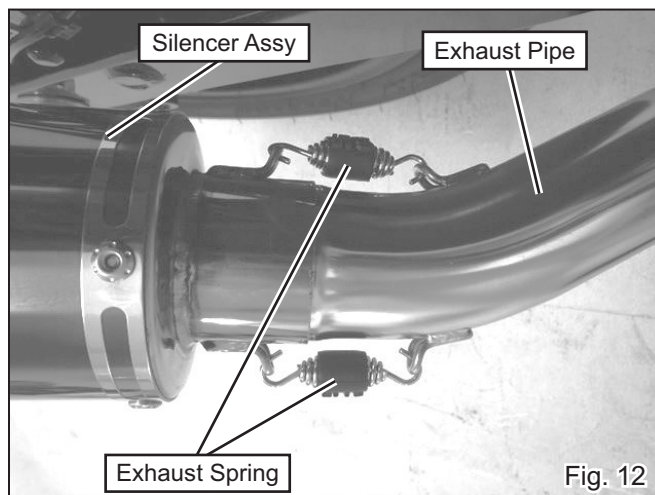
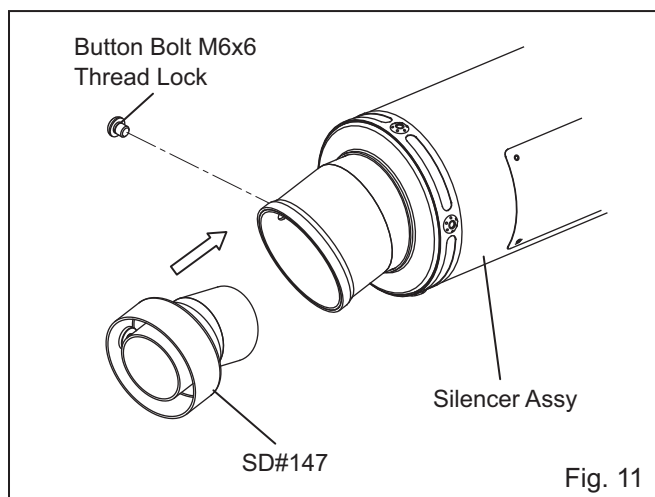
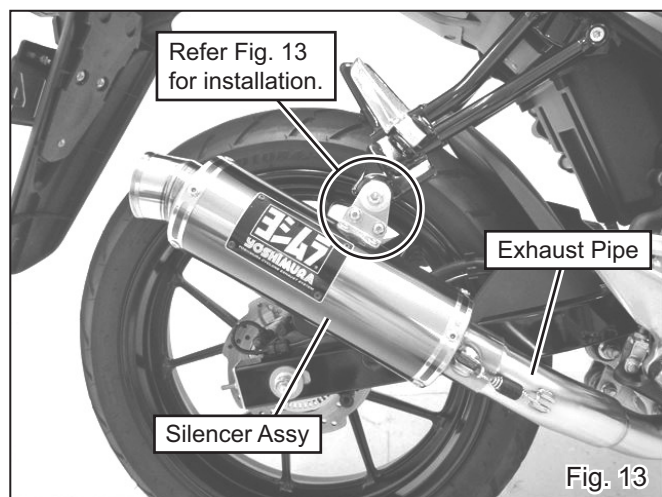
Tightening Torque Button Bolt M6x6 : 10Nm

CAUTION Torque specification must be followed.

- 10) Install Silencer Assy to Exhaust Pipe. Then, fix them with 2 of Exhaust Spring (See Fig. 12).

CAUTION Make sure that exhaust spring is hooked to spring installation tool firmly. If neglected, it may cause injury.

- 11) Mount Silencer Bracket to Passenger's foot peg bracket with Cap Bolt M8x50, Washer M8x26, Spacer 8-26-10 and Stock Nut (See Fig. 13 & 14). Tighten bolt by hand only at this stage.



- 12) Check that there are proper clearances between Yoshimura exhaust system and other components. Then, tighten and torque stock bolts on Flange, Button Bolt M8x35, Cap Bolt M8x50 and Button Bolt M6x20 in order (See Fig. 15).

Tightening Torque

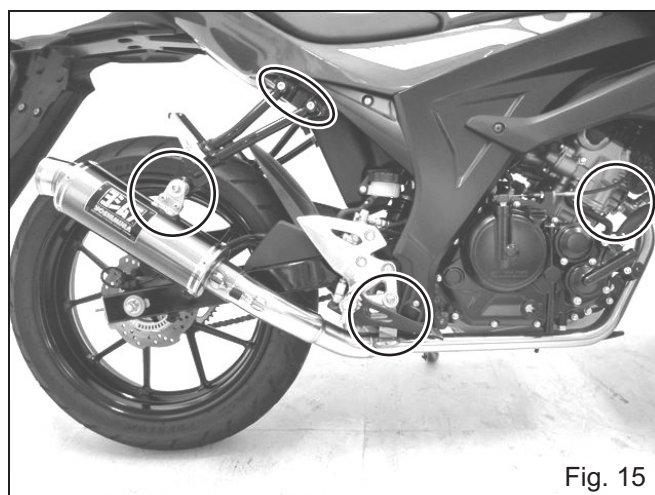
Stock bolt	: 15 Nm
Button Bolt M8x35	: 23 Nm
Cap Bolt M8x50	: 23 Nm
Button Bolt M6x20	: 10 Nm

CAUTION Torque specification must be followed.

- 13) Tighten and torque bolts at the Passenger's foot peg bracket loosened in Step 7. (See Fig. 15).

Tightening Torque Stock bolt : 23 Nm

CAUTION Torque specification must be followed.



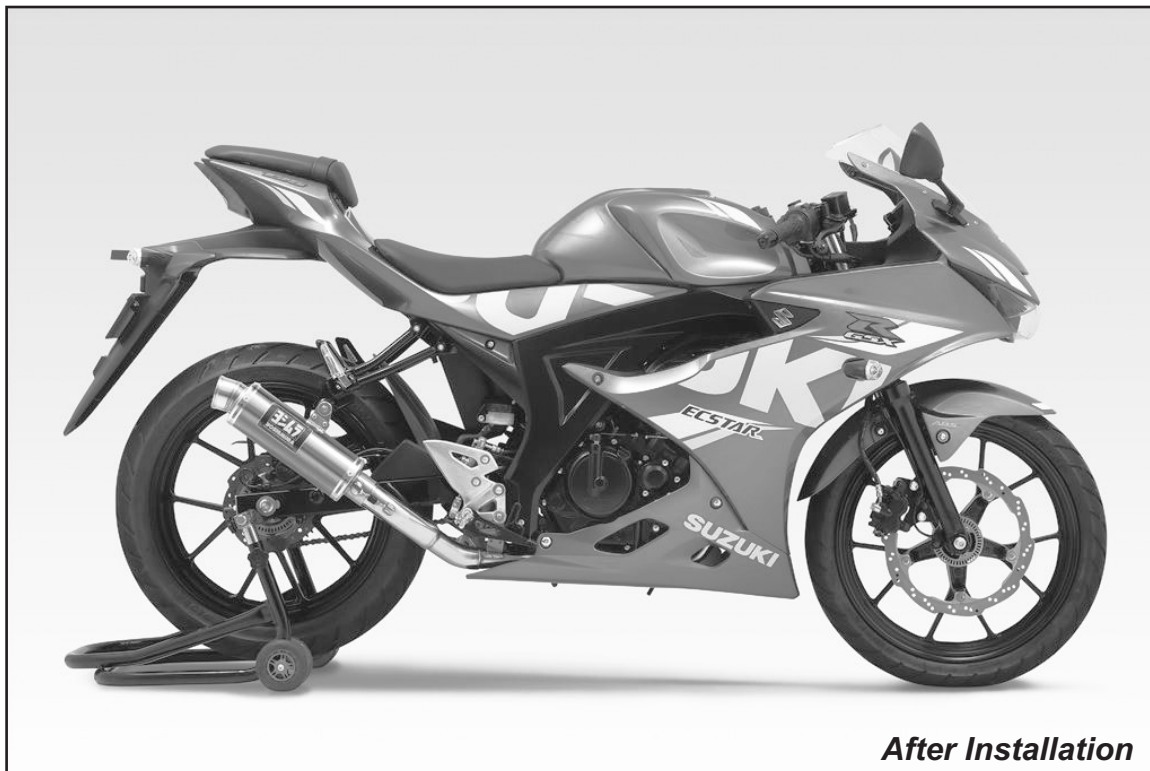
14) Reconnect O2 sensor coupler.

15) It is recommended that whole Yoshimura exhaust system to be wiped down with dish soap to remove oil and fingerprints. This will prevent tarnishing of finish after the exhaust system is heated up.

⚠ CAUTION

When cleaning silencer, use soft cloth with dish soap. Do not use metal polish or parts cleaner. If neglect, the paint of Emblem may come off or Titanium Blue color may tarnish.

16) Warm-up engine, and inspect the exhaust leakage. Tighten all bolts and nuts further after engine is cooled down.



After Installation

⚠ CAUTION

Titanium Blue sleeve is colored by anodizing. Handle with care as the color may change. When cleaning silencer, use soft cloth with dish soap but do not use metal polish or chemical cleaner.

⚠ CAUTION

This exhaust is produced for track-day use or for areas where it is not necessary to use a fully legal exhaust. If it is used for racing or on a chassis dynamometer, any damage or carbon discoloration is not included in warranty.

REFERENCE

Yoshimura Japan recommends silencer inner wool replacement every 5,000km (3,000miles) in order to get Yoshimura exhaust performance fully. Climate, riding condition, and frequency of ride are direct contributing factors for inner wool worn out. Keeping high engine revolution also promotes further wool consumption. For silencer repairing, please contact local Yoshimura distributor for further information.

- CAUTIONS AFTER INSTALLATION -

- ⊙ Check each bolt sometimes to see that there is no failure condition such as poor tightening.
- ⊙ Quality control is implemented on all products. If, however, any defect or failure is found, please notify Yoshimura Japan through the selling dealer. Necessary technical service or replacing of the product will be made.
- ⊙ Due to improvement, the specifications and price of the product are subject to change without notice.
- ⊙ For any information regarding this product, please address inquiries to Yoshimura Japan Co., Ltd.

Yoshimura Japan Co., Ltd.

6748 Nakatsu, Aikawa, Aiko, Kanagawa 243-0303 Japan

Web site: <http://www.yoshimura-jp.com> E-Mail: yj-world@yoshimura-jp.com