

SUZUKI GSX-R125/S125 STREET SPORTS FULL SYSTEM R-77S

Product information



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

- 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** Metal Magic sleeve is coated with heat-resistant paint. Handle with care not to be hit or scratched by surroundings as the coating may come off. When cleaning silencer, use soft cloth with dish soap but do not use metal polish or chemical cleaner.
- 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(17-21/22) Street Sports R-77S	Cyclone Type	S525S77C1
Part Number	Stainless Sleeve (SS) : 180A-525-5150	Main Material	Stainless steel
	Metal Magic Sleeve (SM) : 180A-525-5120	Weight [STD : 5.6kg]	(SS) & (SM) : 3.8kg
	Titanium Blue Sleeve (STB) : 180A-525-5180B		(STB) : 3.6kg

2. Applicable Model :

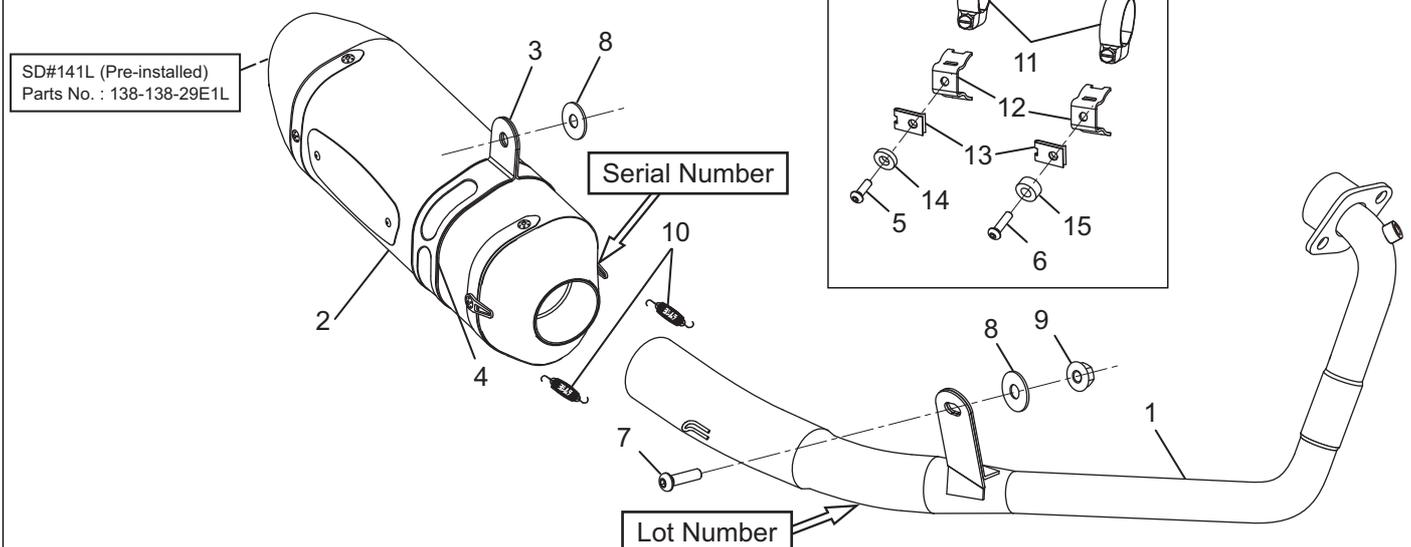
Model	SUZUKI GSX-R125/S125(17-21/22)
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3. Contents:

No.	Descriptions	Part No.	Q'ty	No.	Descriptions	Part No.	Q'ty
1	Exhaust Pipe	111-525-5100	1	8	Washer M8x26	812-108-2600	2
2	Silencer Assy, (SS)	186-525-5150	1	9	Flange Nut M8	823-008-1250	1
	Silencer Assy, (SM)	186-525-5120		10	Exhaust Spring	118-001-2000	2
	Silencer Assy, (STB)	186-525-5180B		11	Hose Band 25-40	855-209-2540	2
3	Silencer Band	162-41R-G501	1	12	Heat Guard Bracket	161-43H-0010	2
4	Silencer Band Rubber	896-016-0835	1	13	Nut Clip	82C-006-1516	2
5	Button Bolt M6x20	803-206-4020	1	14	Spacer 6-16-5	860-006-1605	1
6	Button Bolt M6x30	803-206-4030	1	15	Spacer 6-16-15	860-006-1615	1
7	Button Bolt M8x35	803-208-5035	1				

Parts Diagram

Only 2022 or later models



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 and washer 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.

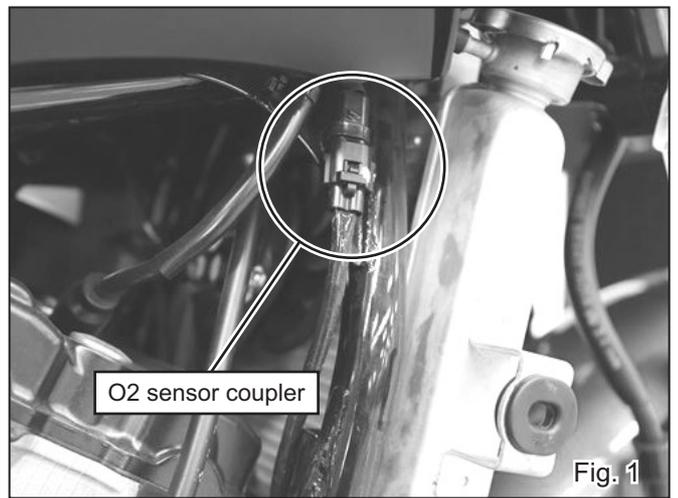


Fig. 1



Fig. 2

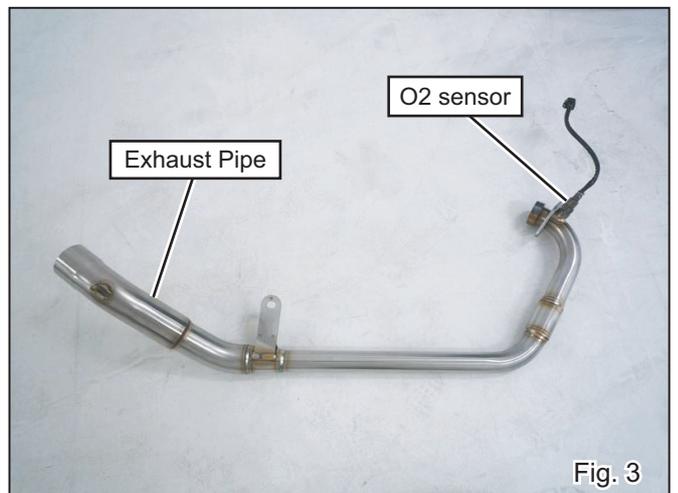


Fig. 3

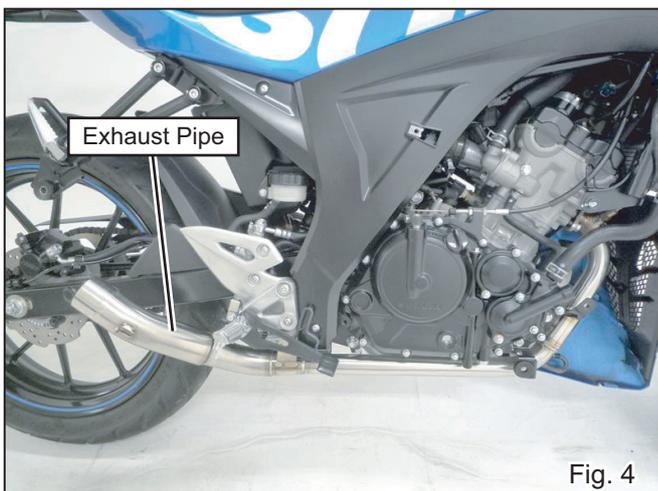


Fig. 4

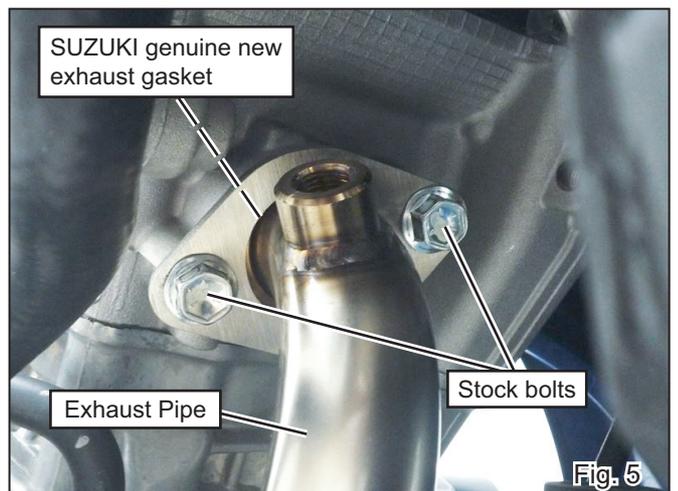


Fig. 5

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

Tightening Torque

Button Bolt M8x35 : 23 Nm

CAUTION Torque specification must be followed.

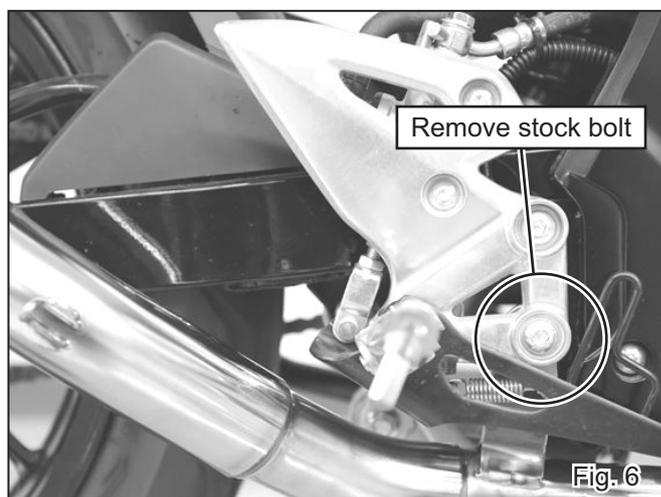


Fig. 6

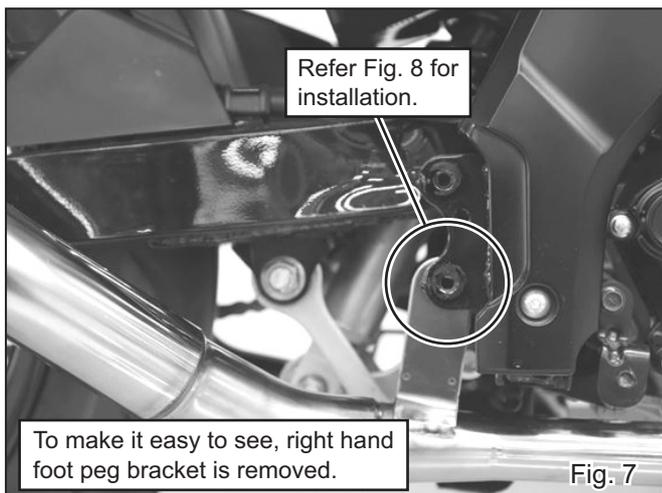


Fig. 7

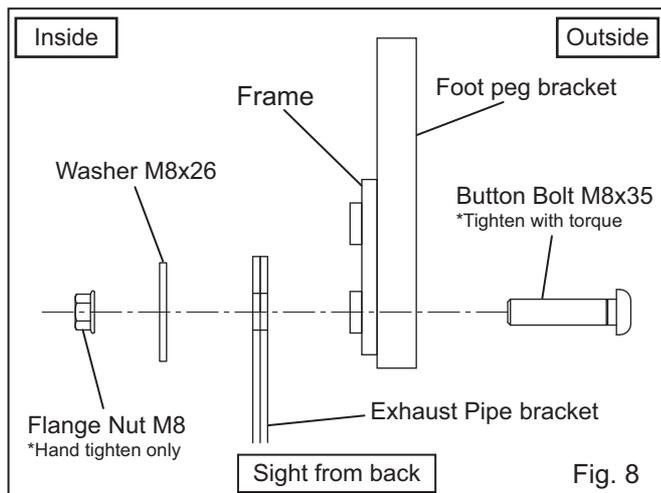


Fig. 8

- 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.

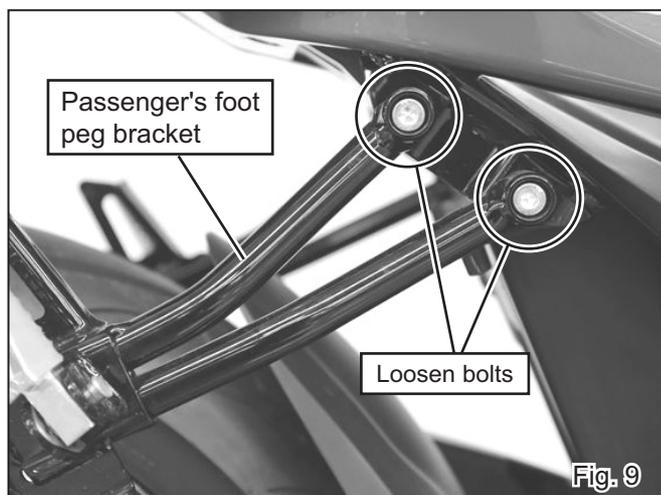


Fig. 9

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

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

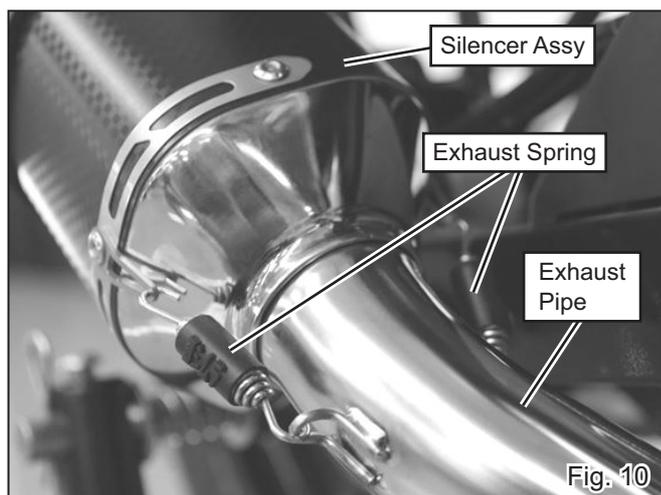
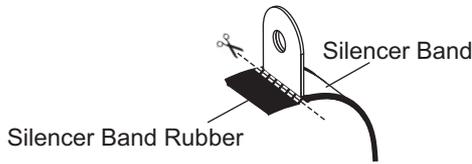


Fig. 10

- 9) Place Silencer Band Rubber into Silencer Band and attach Silencer Band on Silencer Assy. Then, fix Silencer Band to passenger's foot peg bracket with stock bolt, washer, nut and Washer M8x26 (See Fig. 11 & 12). Tighten bolt by hand only at this stage.

REFERENCE Cut excess of Silencer Band Rubber with scissors etc. when placing it inside Silencer Band.



CAUTION Be sure to place Silencer Band at right angles to Silencer Assy. If neglected, it may cause breakage to Silencer Band.

CAUTION Before hand-tighten bolt, make sure silencer sleeve and Silencer Band fit evenly and there is no opening between them. If neglected, it may cause deformation of silencer sleeve.

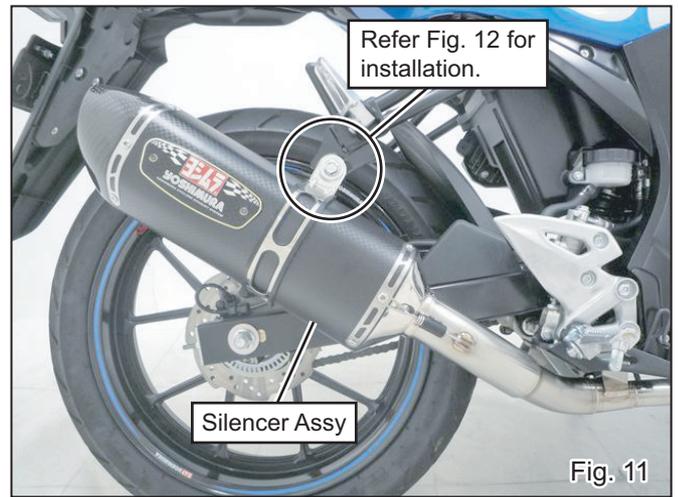


Fig. 11

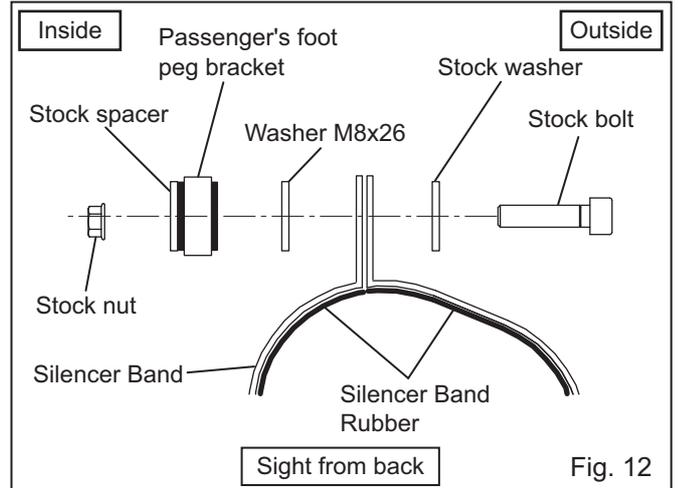


Fig. 12

- 10) Check that there are proper clearances between Yoshimura exhaust system and other components. Then, tighten and torque stock bolts on Flange, Flange Nut M8, stock bolt on passenger's foot peg bracket and stock bolt in order (See Fig. 13 & 14).

Tightening Torque

- Stock bolt (Exhaust Pipe: exhaust port) : 15 Nm
- Flange Nut M8 (Exhaust Pipe: right hand foot peg bracket) : 23 Nm
- Stock bolt (Passenger's foot peg bracket) : 23 Nm
- Stock bolt (Silencer Band) : 23Nm

CAUTION Torque specification must be followed.



Fig. 13

- 11) Reconnect O2 sensor coupler.
- 12) 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 and Metal Magic finish may come off or Titanium Blue color may tarnish.

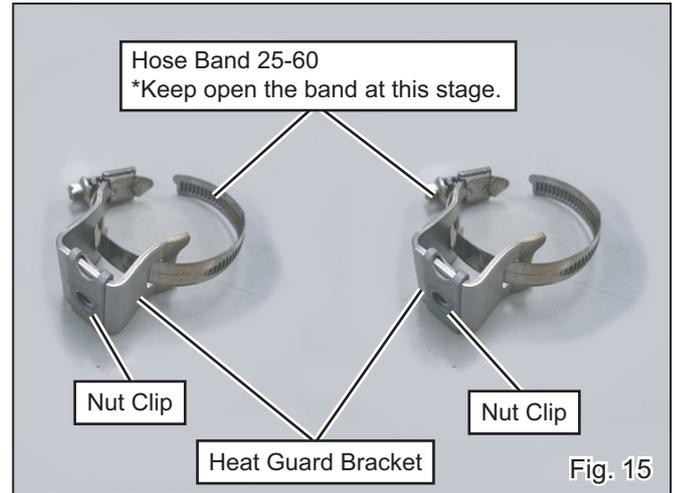


Fig. 14

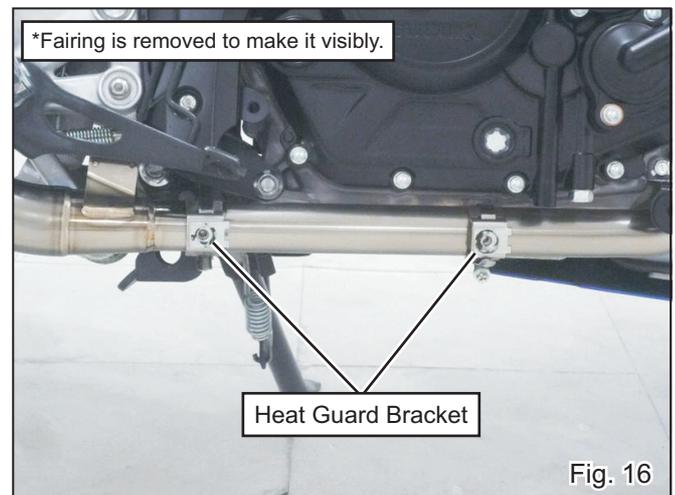
- 13) Warm-up engine, and inspect the exhaust leakage. Tighten all bolts and nuts further after engine is cooled down.

Stock heat guard Installation steps:(Only 2022 or later models)

- 14) Fit Nut Clip on Heat Guard Bracket and put Hose Band 25-40 through Heat Guard Bracket. (See Fig. 15)



- 15) Mount 2 of Hose Band 25-40 which is assembled at Step 14) on Exhaust Pipe and hand tighten the bolt. Locate Heat Guard Bracket to align with the mounting holes of stock heat guard. Fix stock heat guard with Button Bolt M6x30 and Spacer 6-16-15 in front side, and with Button Bolt M6x20 and Spacer 6-16-5 in rear side (See Fig. 16 & 17). Tighten bolts by hand only at this stage.



REFERENCE Using hose band on the exhaust pipe may cause scratches due to metal-to-metal mount.

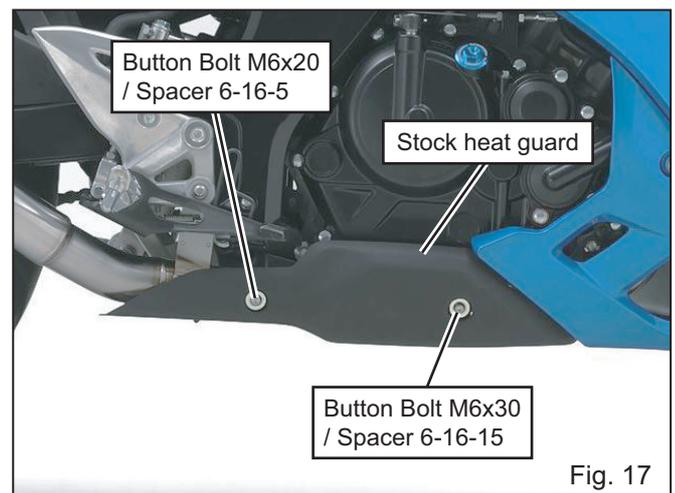
- 16) Adjust the position of stock heat guard to align with the side fairing, then torque Button Bolt M6x20, Button Bolt M6x30 and bolts at Hose Band 25-40 (See Fig. 17).

! CAUTION Keep certain clearance between Hose Band 25-40 end and engine as it may come closer while tightening.

Tightening Torque	Button Bolt M6x20	: 12 Nm
	Button Bolt M6x30	: 12 Nm
	Hose band bolt	: 3 Nm

*Too much torque on hose band may cause breakage.

! CAUTION Torque specification must be followed.



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 street use only. In case that it is used on race circuit or tested on 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.

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