

## HONDA CB150R EXMOTION TIS 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.

- ⚠ 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	HONDA CB150R EXMOTION TIS Full System GP-MAGNUM	Cyclone Type	H42FSCI11	
Part Number	Stainless Sleeve (SS) : 1T0A-42F-5U50	Main Material	Stainless steel	
	Titanium Sleeve (ST) : 1T0A-42F-5U80	Weight [STD : 3.0kg]	(SS)	: 2.4kg
	Titanium Blue Sleeve (STB) : 1T0A-42F-5U80B		(ST) & (STB)	: 2.2kg

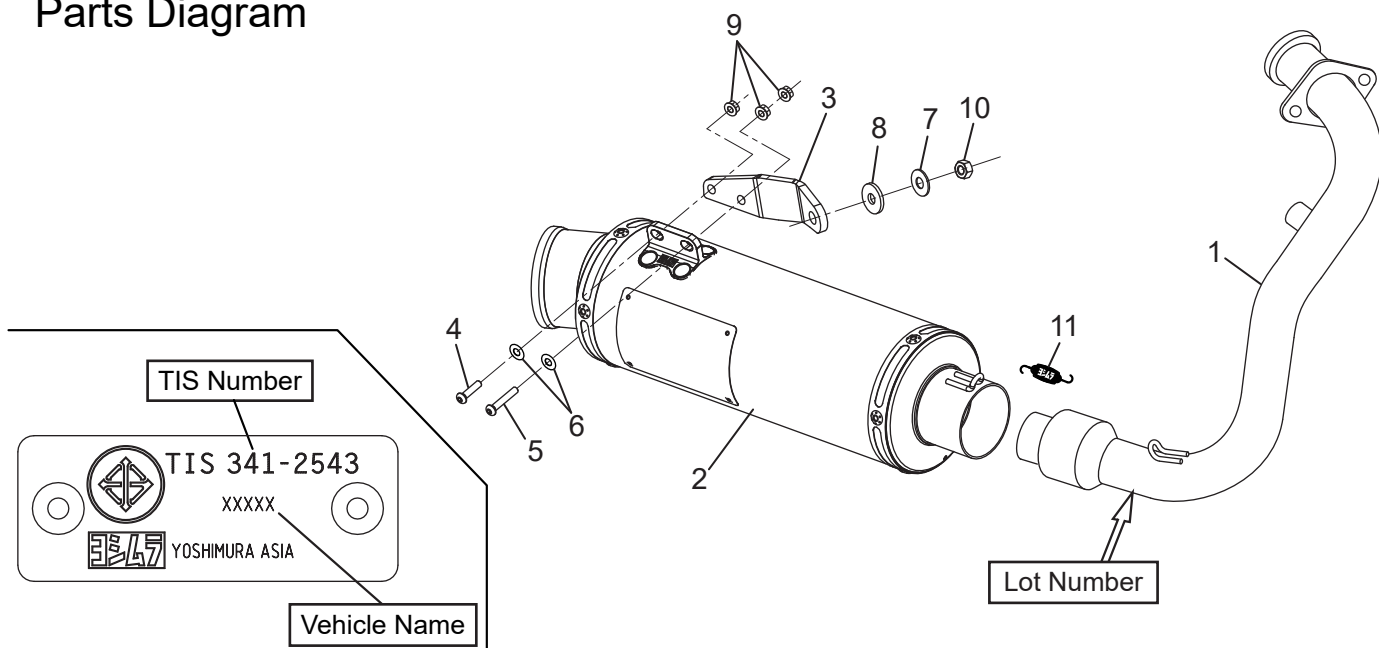
### 2. Applicable Model :

Model	HONDA CB150R EXMOTION
-------	-----------------------

### 3. Contents:

No.	Descriptions	Part No.	Q'ty	No.	Descriptions	Part No.	Q'ty
1	Exhaust Pipe	1T5-42F-5U00	1	6	Washer M6x13	812-206-1310	2
2	Silencer Assy. (SS)	1T6-42F-5U50	1	7	Washer M8x22x1.6	812-108-2216	1
	Silencer Assy. (ST)	1T6-42F-5U80		8	Washer M13x22x2.3	812-113-2223	1
	Silencer Assy. (STB)	1T6-42F-5U80B		9	Flange Nut M6	823-006-1000	3
3	Silencer Bracket	161-42F-0300	1	10	U Nut M8	820-008-1250	1
4	Button Bolt M6x20	803-206-4020	1	11	Exhaust Spring	118-001-0000	1
5	Button Bolt M6x25	803-206-4025	1				

### Parts Diagram



## 4. Installation steps:

- 1) Check all the component parts are in hand.
- 2) According to HONDA service manual, remove under fairing.
- 3) Disconnect O2 sensor coupler. Then, remove stock exhaust system from vehicle (See Fig. 1 & 2).

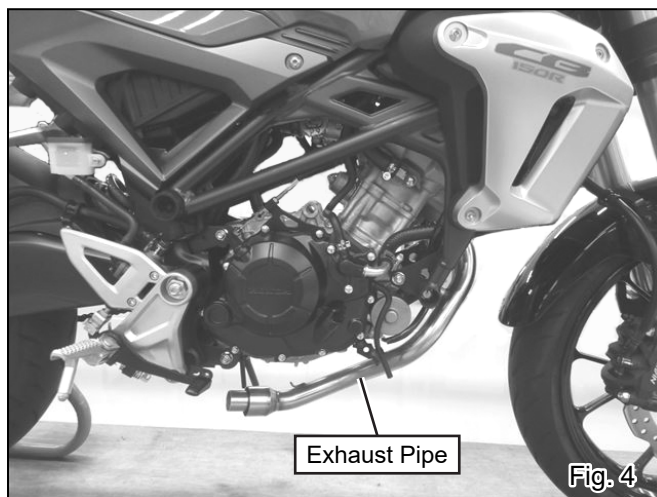
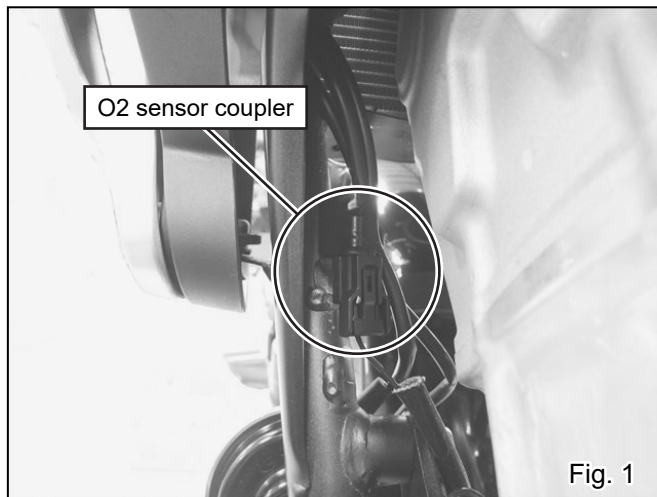
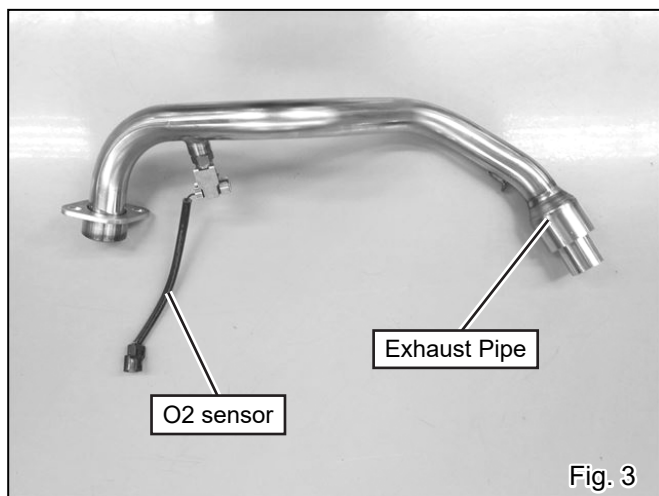
**CAUTION** When removing stock exhaust system, be careful not to damage frame and other components.

**REFERENCE** Stock bolt and nuts 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 it with stated torque (See Fig. 3).

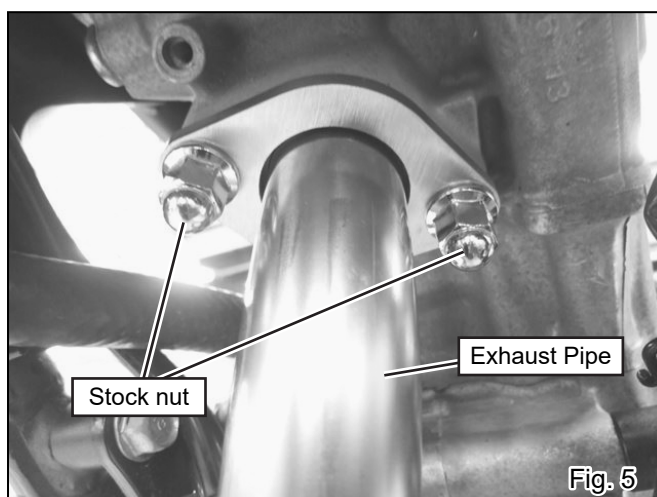
**Tightening Torque** O2 sensor : 25Nm

**CAUTION** Torque specification must be followed.

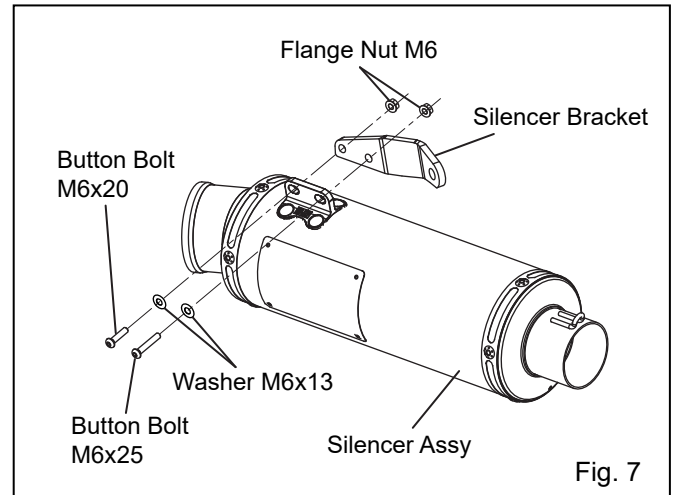
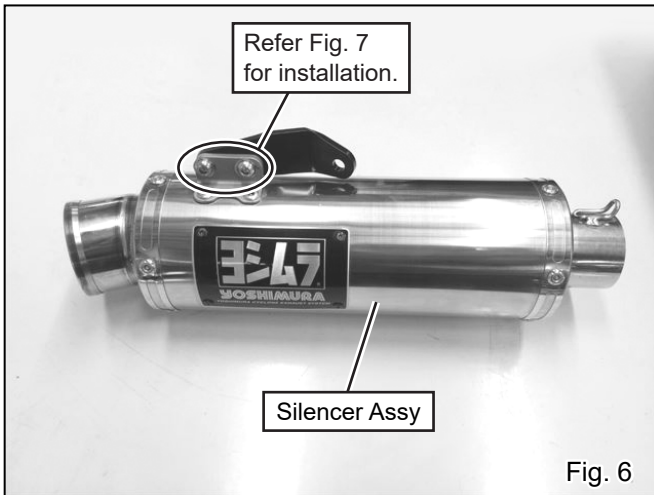


- 5) Insert HONDA genuine new exhaust gasket on exhaust port. Then, insert Exhaust Pipe into exhaust port and fix it with stock nuts (See Fig. 4 & 5). Tighten nuts by hand only at this stage.

**CAUTION** Use HONDA genuine new gasket.

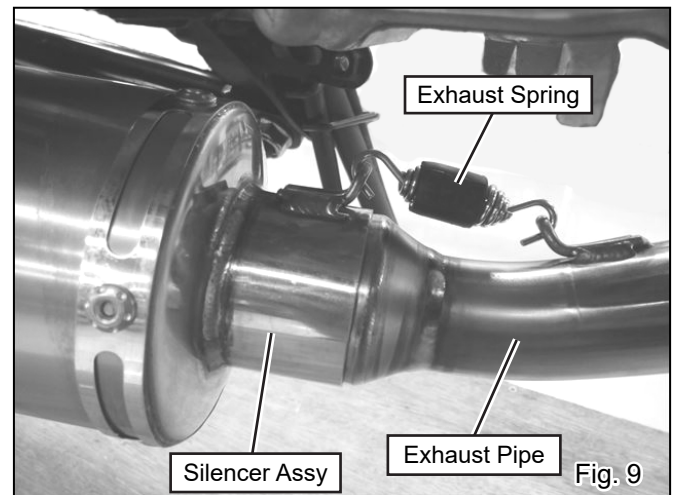
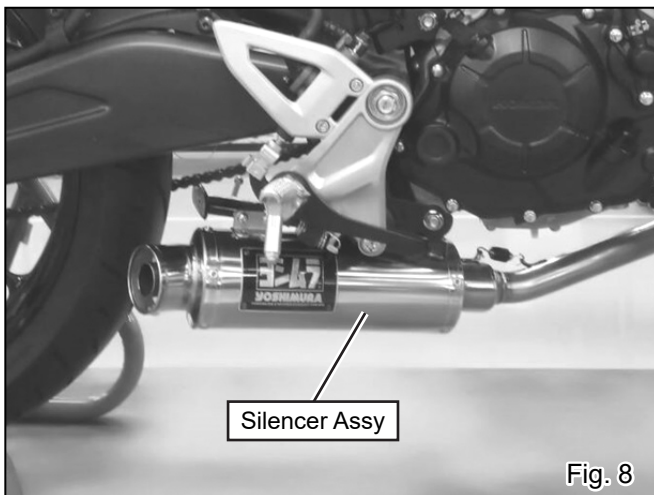


- 6) Mount Silencer Bracket on Silencer Assy with Button Bolt M6x20, Button Bolt M6x25, 2 of each Washer M6x13 and Flange Nut M6 (See Fig. 6 & 7). Tighten bolts by hand only at this stage.

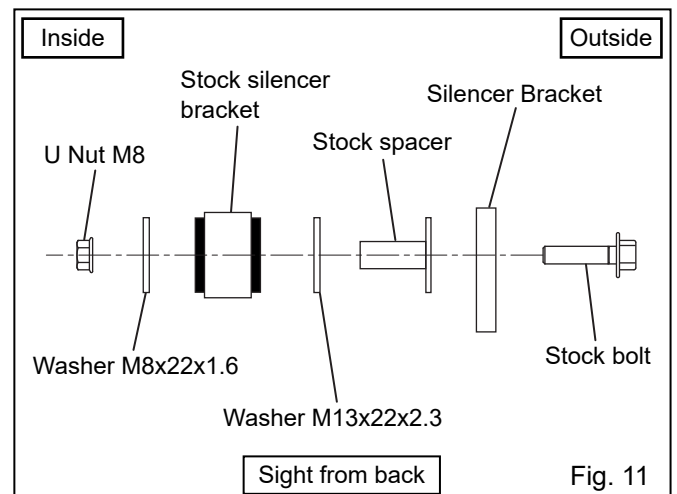
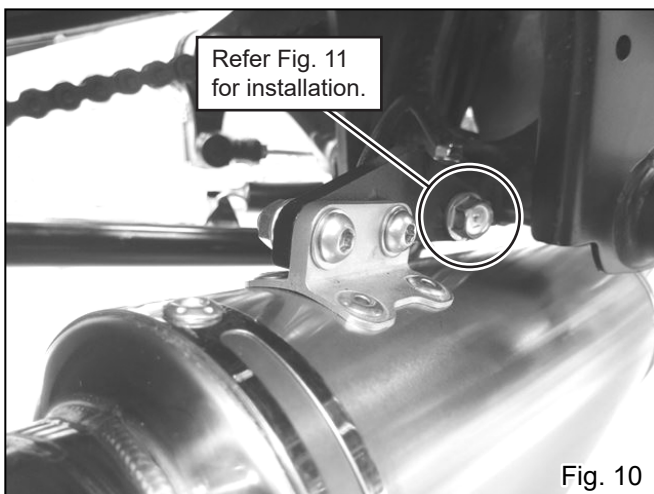


- 7) Install Silencer Assy to Exhaust Pipe. Then, fix them with Exhaust Spring (See Fig. 8 & 9).

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



- 8) Remove stock spacer from exhaust bracket. Then, mount Silencer Bracket to exhaust bracket with stock bolt, spacer, Washer M13x22x2.3, Washer M8x22x1.6 and Nut M8 (See Fig. 10 & 11). Tighten bolt by hand only at this stage.





- 9) Check that there are proper clearances between Yoshimura exhaust system and other components. Then, tighten and torque stock nuts on Flange, stock bolt on Silencer Bracket, Button Bolt M6x25 and Button Bolt M6x20 in order (See Fig. 12).

**Tightening Torque**

Stock nut (Exhaust Pipe: exhaust port)	: 15 Nm
Stock bolt (Silencer Bracket)	: 23 Nm
Button Bolt M6x25 (Silencer Bracket)	: 10 Nm
Button Bolt M6x20 (Silencer Bracket)	: 10 Nm

**CAUTION** Torque specification must be followed.

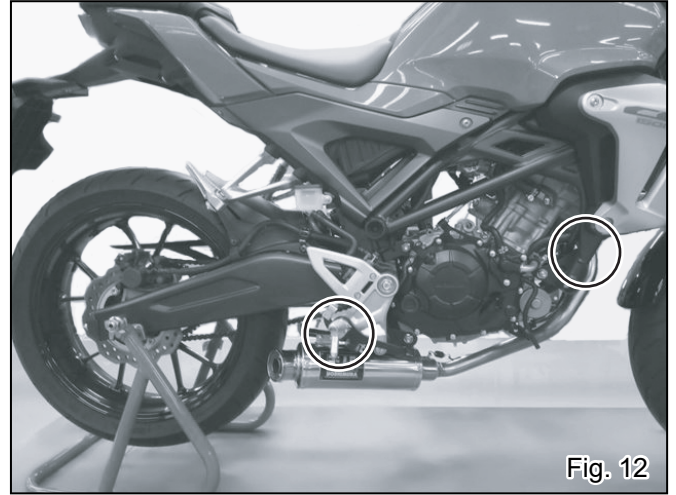


Fig. 12

- 10) Reconnect O2 sensor coupler.

- 11) Attach ground wire on Button Bolt M6x25 thread and hold it with another Flange Nut M6 (See Fig. 13 & 14). Tighten and torque Flange Nut M6.

**Tightening Torque** Flange Nut M6 : 10 Nm

**CAUTION** Torque specification must be followed.

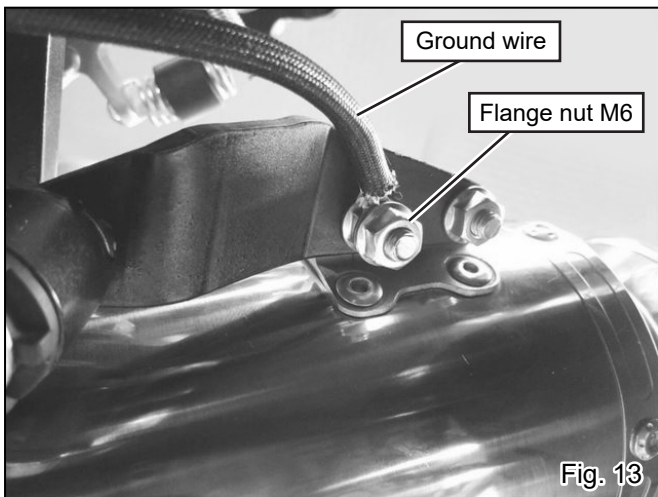


Fig. 13

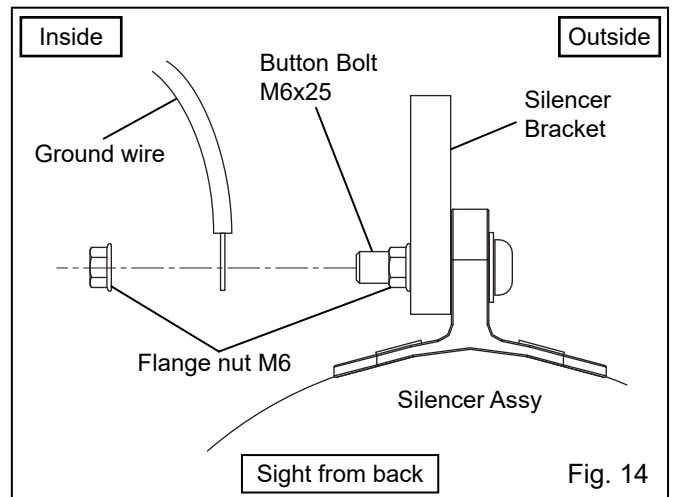


Fig. 14

- 12) Make sure there are proper clearances between Yoshimura exhaust system and other components. In case there is not enough clearance, loosen bolts and readjust the position of Yoshimura exhaust system.

- 13) It is recommended that whole Yoshimura exhaust system is 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.

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

**CAUTION** Before beginning the work, let motorcycle cool down.

**REFERENCE** It is normal for new silencer to smoke until inside oil residue burns off.

15) Re-mount under fairing.



**! 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.

**REFERENCE**

Yoshimura Asia 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 Asia 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 Asia Co., Ltd.

