

## HONDA GROM('16) / MSX125SF('16) TIS FULL SYSTEM GP-MAGNUM TYPE DOWN

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 parts during installation.
- CAUTION** Torque specification must be followed. If neglected, it may cause bolt and nut to fell 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.
- 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.

### 1. Product Information :

Description	HONDA GROM('16) / MSX125SF('16) TIS Full System GP-Magnum Type Down		
Part Number	Stainless Sleeve (SS) : 1T0A-40A-5U50	Cyclone Type	H40AS77C2A
	Satin Finish Sleeve (SF) : 1T0A-40A-5U30	Main Material	Stainless steel
	Titanium Sleeve (ST) : 1T0A-40A-5U80	Weight [STD : 5.0kg]	(SS & SF) : 3.0 kg
	Titanium Blue Sleeve (STB) : 1T0A-40A-5U80B		(ST) & (STB) : 2.8 kg
	Carbon Sleeve (SC) : 1T0A-40A-5U90		(SC) : 2.7 kg

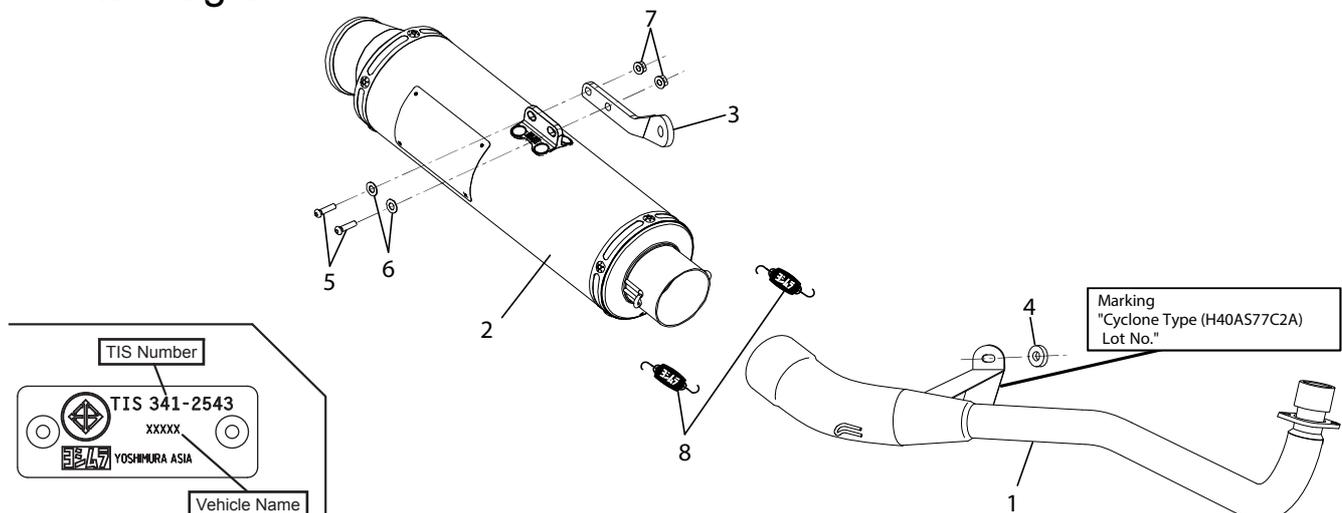
### 2. Applicable Model :

Model	HONDA GROM('16) / MSX125SF('16)
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### 3. Contents:

No.	Descriptions	Part No.	Q'ty	No.	Descriptions	Part No.	Q'ty
1	Exhaust Pipe	181-40A-5X02	1	4	Spacer 8-26-4	850-008-2604	1
2	Silencer Assy Stainless Sleeve	1T6-40A-5U50	1	5	Button Bolt M6x20	803-206-4020	2
	Silencer Assy Satin Finish Sleeve	1T6-40A-5U30		6	Washer M6x13	812-206-1310	2
	Silencer Assy Titanium Sleeve	1T6-40A-5U80		7	Flange Nut M6	823-006-1000	2
	Silencer Assy Titanium Blue Sleeve	1T6-40A-5U80A		8	Exhaust Spring	118-001-0000	2
	Silencer Assy Carbon Sleeve	1T6-40A-5U90		※	Spring Puller Tool	100-000-0000	1
3	Silencer Bracket	161-40A-0300	1				

### Parts Diagram



### 3 : Installation procedure for GROM ('16) / MSX125SF ('16) models or newer

- 1) Check all the component parts are in hand.
- 2) According to Honda service manual, remove stock exhaust system. (See Fig. 1)

**CAUTION** When removing stock exhaust system, be careful not to damage engine, swing arm or other components.

**REFERENCE** Stock nuts and bolt removed at this stage are reused when mounting Yoshimura exhaust system.

- 3) Replace stock gasket at exhaust port of engine with new one. Then mount Exhaust Pipe and tighten with stock nuts by hand only at this stage. (See Fig. 2, 3)

**CAUTION** Use Honda genuine new exhaust gasket.



FIG. 1

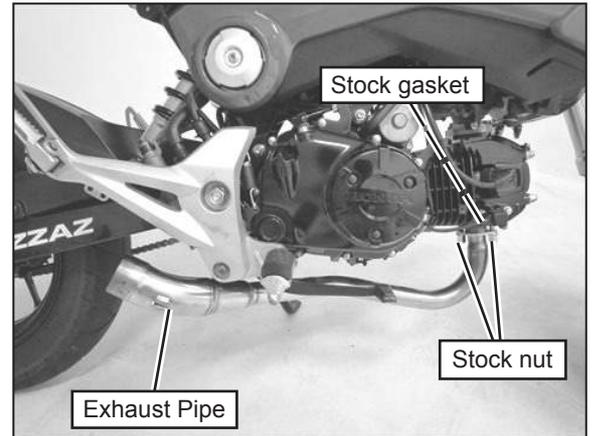


FIG. 2

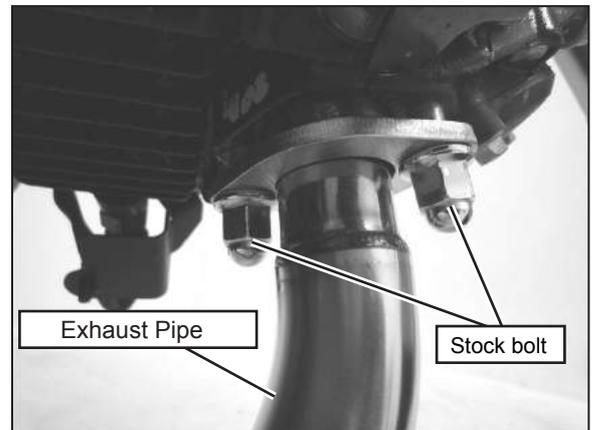


FIG. 3

- 4) Fix exhaust pipe bracket at bolt hole bottom of the engine with stock bolt and Spacer 8-26-4 Tighten bolt by hand only at this stage. (See Fig. 4 & 5)

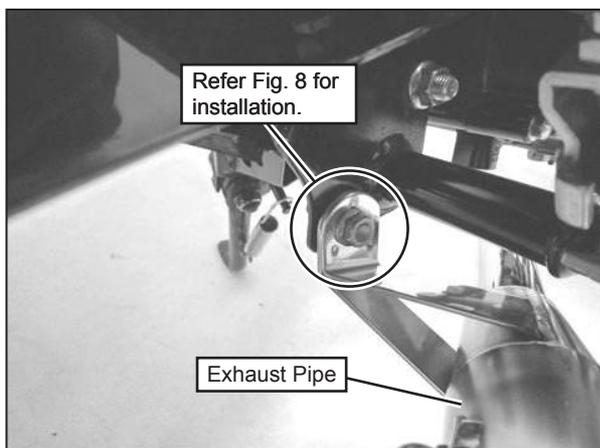


FIG. 4

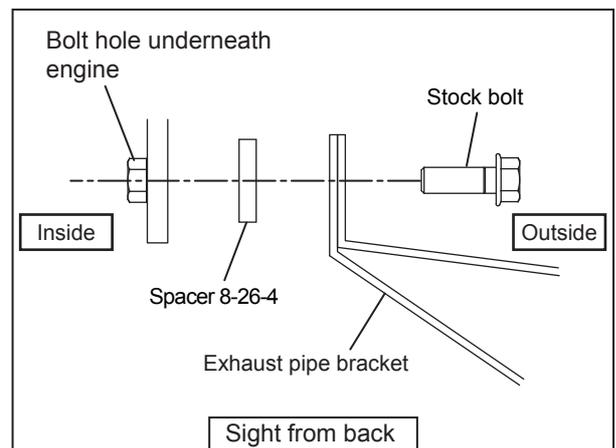


FIG. 5

- 5) Mount Silencer Bracket onto Silencer Assy with 2 of each Button Bolt M6x20, Washer M6x13 and Flange Nut M6 (See Fig. 6). Tighten bolts by hand only at this stage.
- 6) Mount Silencer Assy on Tailpipe and install Exhaust Spring on spring hook by using installing tool. (See Fig. 7, 8)

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

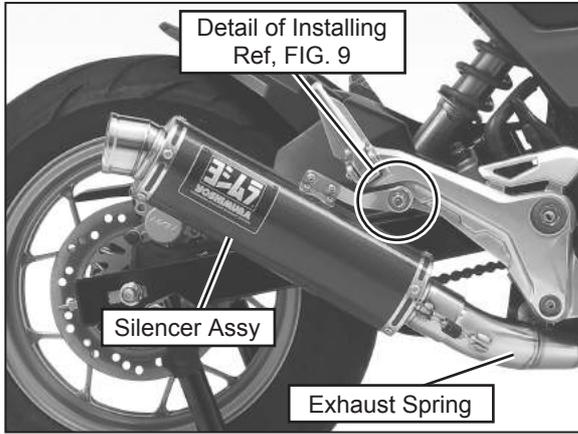


FIG. 7

- 7) Mount Silencer Assy to Stock Silencer Bracket with Stock Bolt, 3-Stock Washer and Stock Nut (See Fig. 7 & 9). Tighten bolts by hand only at this stage.
- 8) Check from back and adjust angle of Silencer Assy and Keep proper clearance between Yoshimura exhaust system and Other components such as swing arm. Then, tight and torque 2-Stock Nuts of the Exhaust port, Stock Bolt M8 on Exhaust Pipe Bracket, 2-Button bolt M6 on Silencer Bracket and Then Stock bolt M8 on Silencer Bracket (See Fig.10 & 11).

**Tightening Torque**

Stock Nuts Exhaust Port	: 15 Nm
Stock Bolts M8 Exhaust Pipe Bracket	: 23 Nm
Button Bolts M6 Silencer Bracket	: 10 Nm
Stock Bolts M8 Silencer Bracket	: 23 Nm

**CAUTION** Torque specification must be followed.



FIG. 10

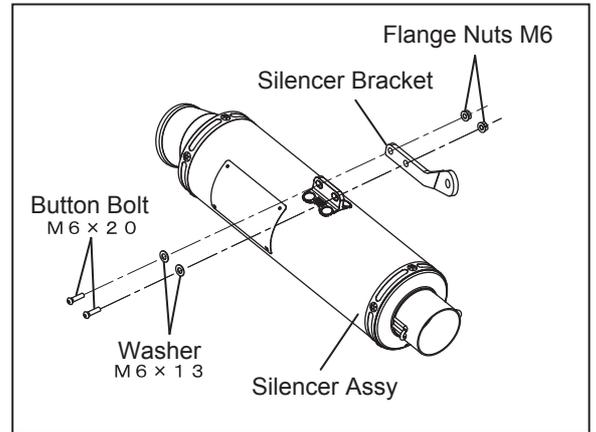


FIG. 6

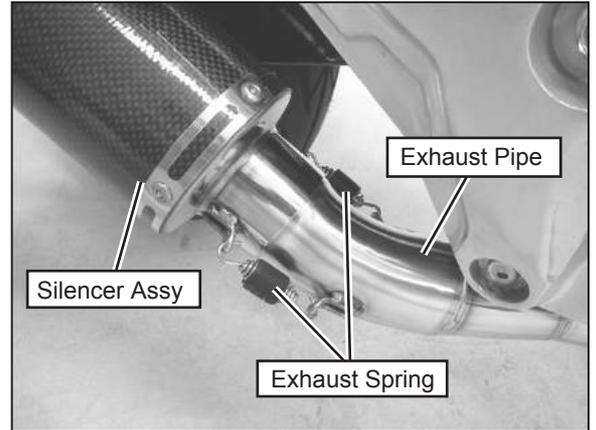


FIG. 8

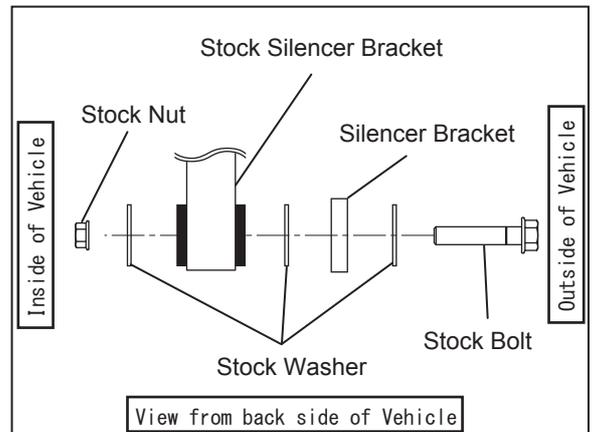


FIG. 9



FIG. 11

- 9) 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.
- 10) It is recommended that whole exhaust to be wiped down with dish soap to remove oil and fingerprints. This will prevent from tarnishing of finish after exhaust system heats up.

**CAUTION** When cleaning silencer, use soft cloth with dish soap. Do not use metal polish or parts cleaner. If neglected, the paint of Emblem and Metal Magic finish may come off or Titanium Blue color may tarnish.

- 11) Warm-up engine, and inspect exhaust leaking. If "after fire" sounds severely, seal gaps of joint between pipes with heat resistant silicone gasket etc. Then, tighten all bolts and nuts further after engine cools 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.



GROM ('16) / MSX125SF ('16) models or newer

**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 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.

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