

## HONDA CBR250RR('17-'23) Street Sports Slip-On R-11

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	HONDA CBR250RR('17-'20) Street Sports Slip-On R-11	Cyclone Type	H44CS11C1
Part Number	Stainless Sleeve (SS) : 180-42C-5E51	Main Material	Stainless steel
	Metal Magic Sleeve (SM) : 180-42C-5E21	Weight [STD : 5.5kg]	(SS) & (SM) : 2.0kg
	Titanium Sleeve (ST) : 180-42C-5E81		(ST) & (STB) : 1.8kg
	Titanium Blue Sleeve (STB) : 180-42C-5E81B		

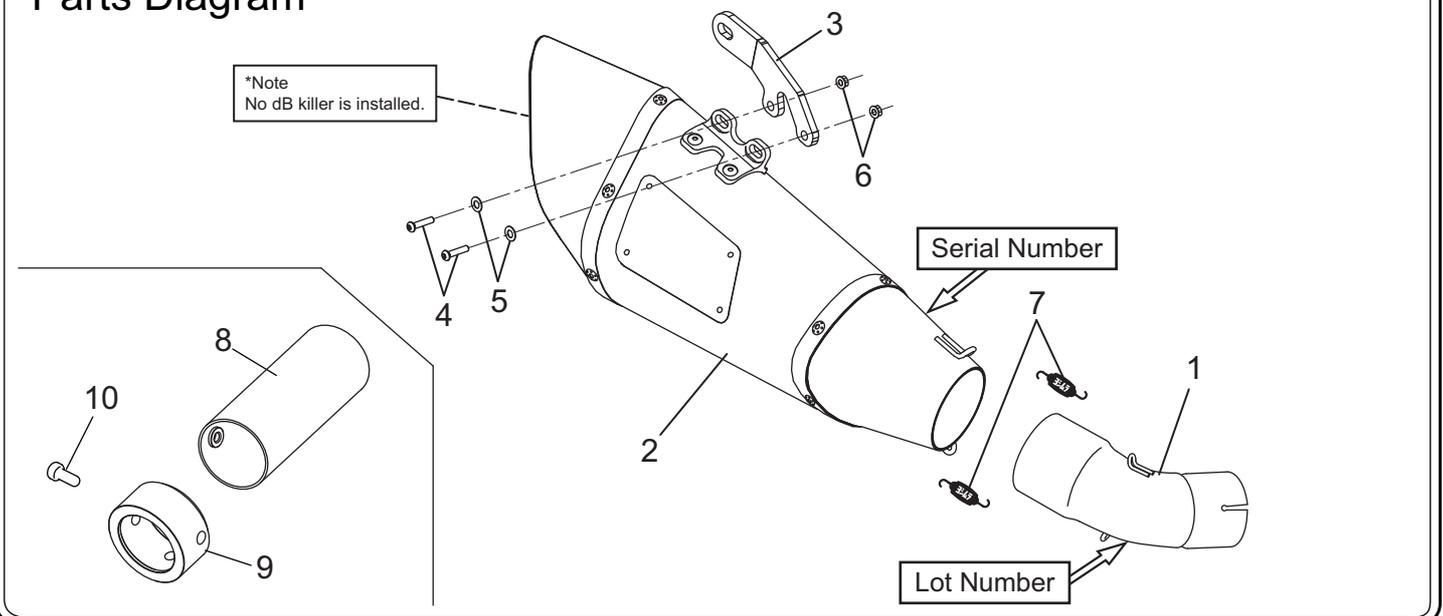
### 2. Applicable Model :

Model	HONDA CBR250RR('17-'23)
Engine Type	MC41E

### 3. Contents :

No.	Descriptions	Part No.	Q'ty	No.	Descriptions	Part No.	Q'ty
1	Tailpipe	115-44C-5E00	1	5	Washer M6x13	812-206-1310	2
2	Silencer Assy Stainless Sleeve	186-42C-5E50	1	6	Flange Nut M6	823-006-1000	2
	Silencer Assy Metal Magic Sleeve	186-42C-5E20		7	Exhaust Spring	118-001-0000	2
	Silencer Assy Titanium Sleeve	186-42C-5E80		8	SD#70	138-138-3870-01	1
	Silencer Assy Titanium Blue Sleeve	186-42C-5E80B		9	SD Ring	138-13813870-02	1
3	Silencer Bracket	161-44C-0200	1	10	Torx Cap Bolt M6x12 Thread Lock	809-206-4012	1
4	Button Bolt M6x20	803-206-4020	2				

### Parts Diagram



## 4. Installation steps:

- 1) Check that all the component parts are in hand.
- 2) According to HONDA service manual, remove stock silencer assembly from vehicle (See Fig. 1).

**CAUTION** When removing stock silencer assembly, be careful not to damage swing arm and other components.

**REFERENCE** Stock bolt, washer and nut removed at this stage are reused when mounting Yoshimura slip-on.

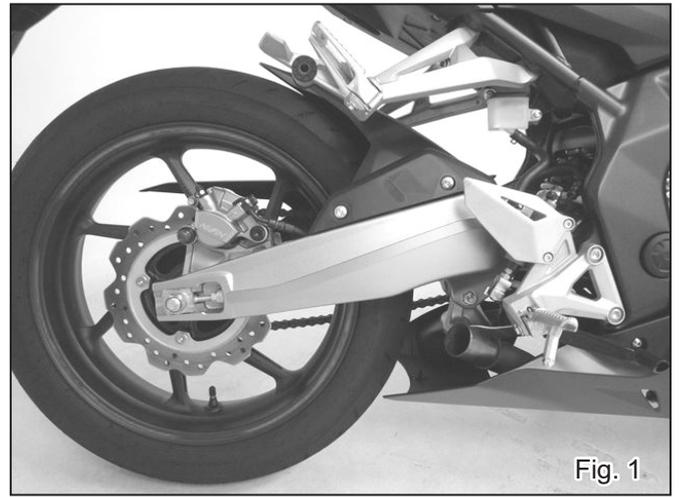


Fig. 1

- 3) Remove stock clamp band from stock silencer assembly. Stock clamp band is reused when installing Yoshimura Slip-on.

- 4) Straighten the bent stopper on stock clamp band (See Fig. 3).

Straighten the stopper as shown in the circle.

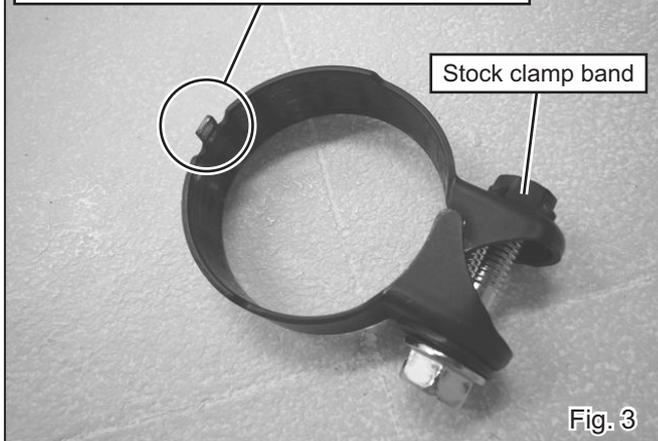


Fig. 3

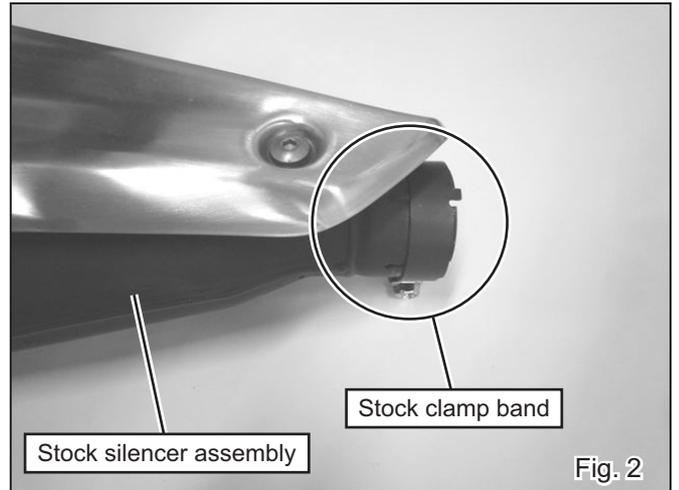


Fig. 2

- 5) Insert HONDA genuine gasket into front of Tailpipe and install stock clamp band removed at step 3) (See Fig. 4).

**CAUTION** Use HONDA genuine new gasket.

- 6) Install SD#70 with SD Ring and Torx Cap Bolt M6x12 Thread Lock if needed (See Fig. 5).

**REFERENCE** 2017-2019 model  
 Stock exhaust sound : 87.5dB / 6,250rpm  
 Without dB Killer : 101dB / 6,250rpm  
 With SD#70 : 98dB / 6,250rpm

2020 model  
 Stock exhaust sound : 87dB / 6,500rpm  
 Without dB Killer : 100dB / 6,500rpm  
 With SD#70 : 97dB / 6,500rpm

2023 model  
 Stock exhaust sound : 87dB / 6,750rpm  
 Without dB Killer : 99dB / 6,750rpm  
 With SD#70 : 94dB / 6,750rpm

**Tightening Torque** Torx Cap Bolt M6x12 : 10Nm

**CAUTION** Torque specification must be followed.

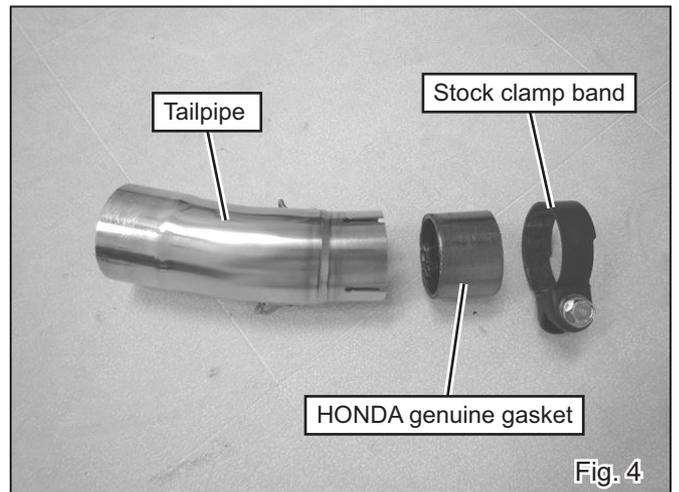


Fig. 4

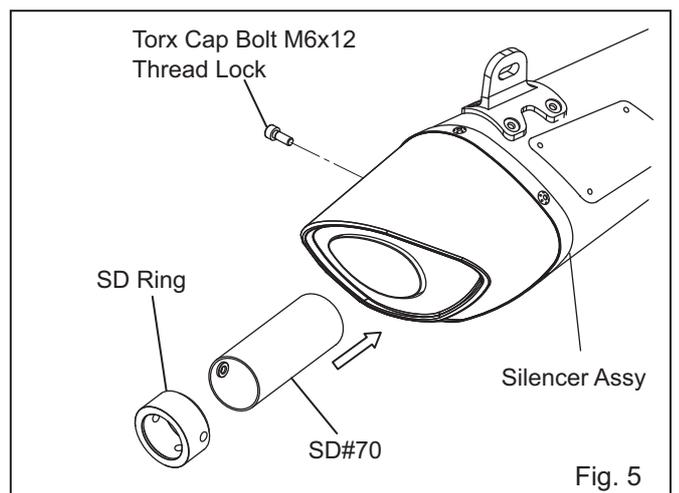


Fig. 5

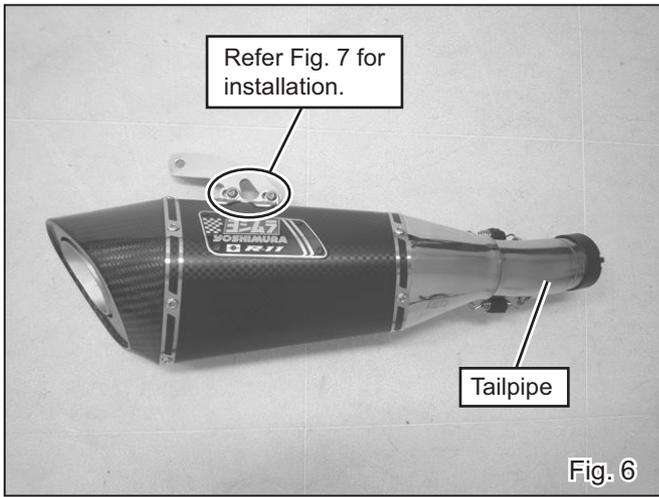


Fig. 6

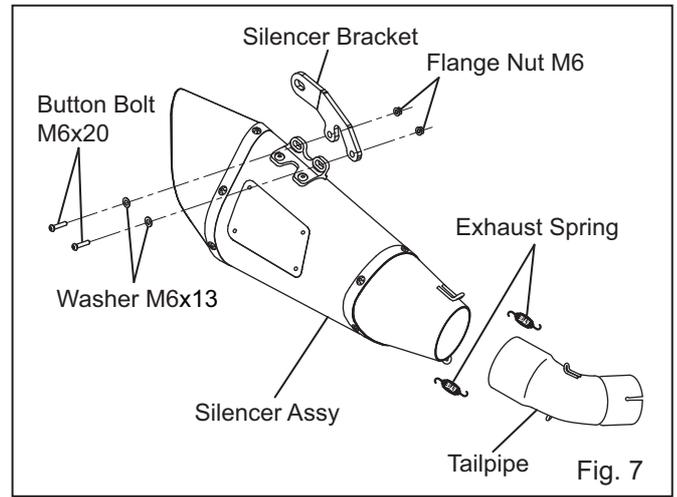


Fig. 7

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

8) Install Silencer Assy to Tailpipe and fix them with 2 of Exhaust Spring (See Fig. 6 & 7).

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

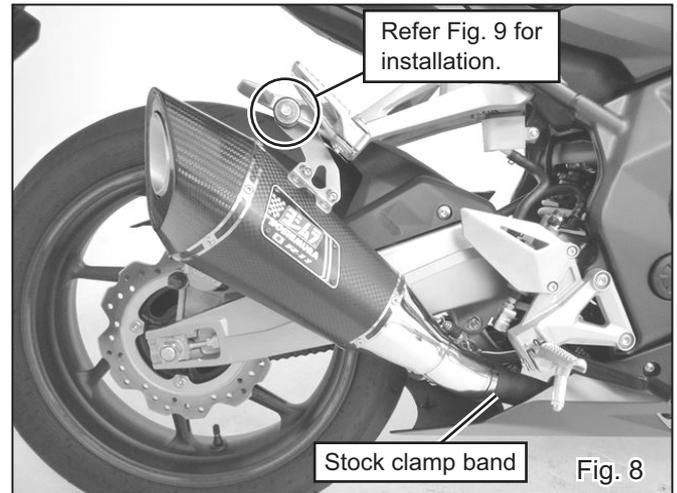


Fig. 8

9) Install Silencer Assy and Tailpipe (assembled at Step. 8) to stock tailpipe. Align Tailpipe front end and pipe stopper on stock tailpipe. Tighten the bolt on stock clamp band by hand only at this stage (See Fig. 8 & 9).

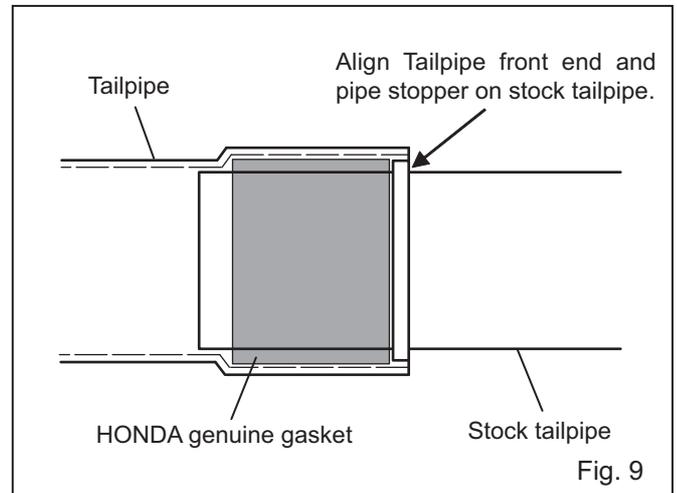


Fig. 9

10) Mount Silencer Assy to stock silencer bracket with stock bolt, washer and nut (See Fig. 8 & 10). Tighten the bolt by hand only at this stage.

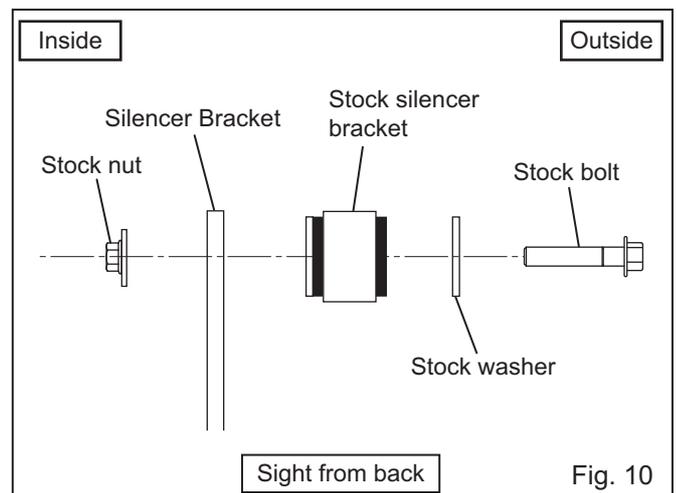
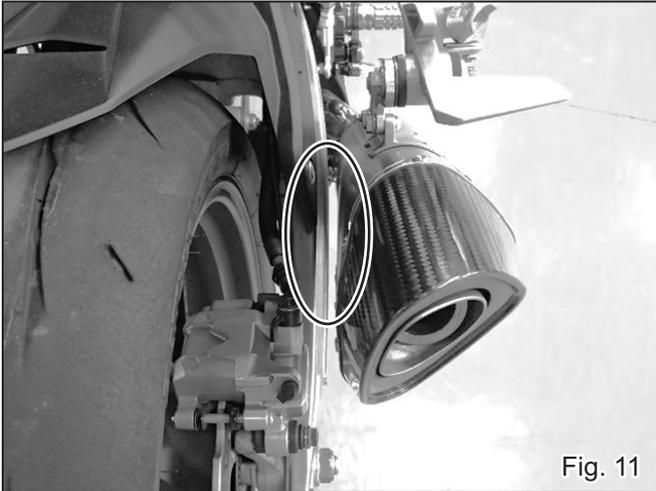


Fig. 10

- 11) Check that there are proper clearances between Yoshimura slip-on and other components. Then, tighten and torque Button Bolt M6x20 and stock bolt on Silencer Bracket, stock clamp band in order (See Fig. 11 & 12).

Tightening Torque	Button Bolt M6x20	: 10Nm
	Stock bolt	: 23Nm
	Clamp Band	: 15Nm

**CAUTION** Torque specification must be followed.



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

- 13) It is recommended that whole Yoshimura slip-on to be wiped down with dish soap to remove oil and fingerprints. This will prevent tarnishing of finish after the slip-on 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.

- 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.

### ***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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