



## Suzuki '05- GSX-R1000

Thank you for selecting and purchasing a TiForce exhaust system for your '05- GSX-R1000.

TiForce is the world's finest titanium exhaust system available today. Please read the following instructions and materials to fully familiarize you with new exhaust system before getting started.

### Before Installation

- Make sure to detach the connector of the exhaust device
  - Coat joints on all parts with liquid gasket
  - Check all accessories have been included
  - Detach the battery for your safety
  - For detach and attaching the parts, please refer the service manual
1. Detach the seat, battery, under cowling, tail winker and passenger foot peg.
  2. Use standard rod to lift the fuel tank and detach the connector of the exhaust devise servomotor. (Failure to detach the connector and turn on the main switch, serious damage may occur to the servo motor.)(\*See Photo. 1) Detach the standard silencer and wire for the device.
  3. To avoid a FI warning light, disconnect the SET valve control wire (brown and black wire on larger connector) from the harness.
  4. Release the coolant and detach the oil cooler. Detach the standard exhaust pipes after free the oil cooler.
  5. Attach an enclosed exhaust pipe to the engine and tighten enough to keep from slipping out of place. (Cylinder number is 1,2,3 and 4 from the engine right side)
    - \*Suggest using new gasket in order to prevent leaking the exhaust.
    - \*Use the standard flange nut and tighten by hand.
  6. Attach the joint pipe followed by the tail pipe. Jiggle it and attach the springs.
    - \*Make sure to push into the joint pipe from the right body side to the oil pan. Failure to push into the joint pipe may touch the under cowling.
  7. Attach the enclosed silencer stay B using by Collar A and Bolt (M8-40mm) to the position of the passengers foot peg of the silencer side. (See Fig. 1)
    - \*For the passenger foot peg users, use collar B and Bolt (M8-90mm).
  8. Push silencer into the tail pipe, put the springs, silencer rubber band, band and silencer stay. (Make sure to use rubbered springs to the upper side of the silencer joint.) (M6 x 20mm x 2, M6 nut x 2, M6 washer x 4) (See Fig. 2)
  9. Attach the silencer stay enough to keep from loosening using the enclosed bolt (M8-20mm), M8 nut and washer to the silencer stay B assembled in step 6. (See Fig. 1)
  10. Check the exhaust pipe, joint pipe and tail pipe not to contact to any one another in any way. And tighten all.
  11. Reinstall the battery, radiator and oil cooler using enclosed radiator stay and stock bush and collar. Put coolant and leak the air. (For leaking the air, please refer the service manual.)
  12. Check all bots and nuts are tight; start the engine and check for exhaust leak.
  13. Attached the enclosed winker to the seat cowling. (Wire by the electronic tap.)
  14. Put the heat-resistant tape on both of the closest place to the front pipe #1 (where is the pipe bulge outside) and the joint pipe of the under cowling back side in order to prevent melting the cowling from the pipe heat. And reinstall the under-cowling.

End



## General Cautions For Exhaust System Installations

**CAUTION** –For your safety, carefully read these instructions and those above, and fully familiarize yourself with the content before beginning installation and use. Keep these instructions in a safe place for future reference. Install the exhaust system as explained in these instructions.

**DANGER** –when the motor is running, and shortly after it has been turned off, the motorcycle, the exhaust system and end-can will be hot. Severe burns, bodily injury and even death may result.

**DANGER** –Keep gasoline and other flammable materials away from the exhaust system at all times. Exposure of gasoline and to heat can lead to fire.

**CAUTION** –Stop the motorcycle should the exhaust system come in contact with people or animals. Never touch the exhaust system when hot. Direct contact with the system can cause burns.

**DANGER** –Allow the motor to cool before installing or removing the exhaust system. Working with a hot motor can lead to burns.

**CAUTION** –Stand the motorcycle on a flat and level surface and ensure that the motorcycle is stable before installing the exhaust system. Bodily injury and /or death could result to you or others if the motorcycle falls over. Damage may also result to the motorcycle or nearby property or equipment.

**DANGER** –Start and run the motorcycle in a well-ventilated area. With prolonged exposure to exhaust gas you run the risk of severe oxygen deficiencies, bodily injury or death may result.

**CAUTION** –Install the muffler only on the specified model of motorcycle. Improper installation will lead to loss of performance and or damage to the motorcycle.

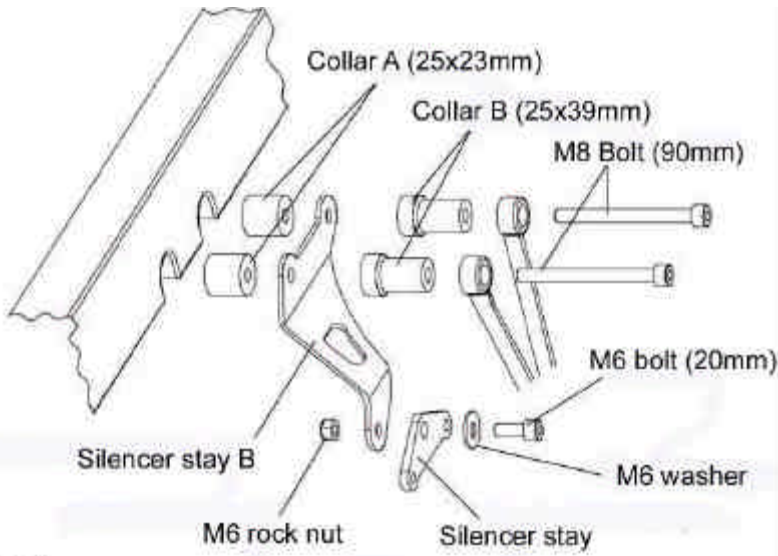
**CAUTION** –Do not disassemble, modify or remodel this exhaust system.

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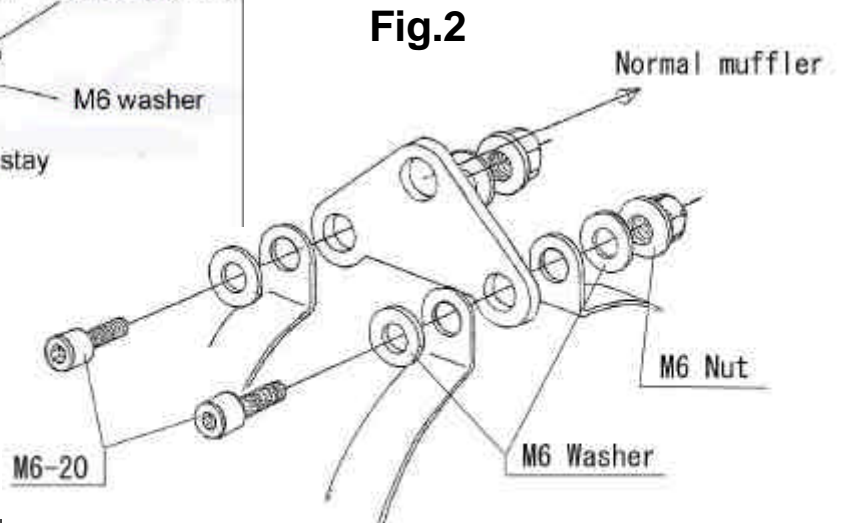
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### Enclosed parts

1	Head pipe #1	1	9	Silencer band	2	17	M8 Bolt (40mm)	2
2	Head pipe #2	1	10	Silencer band rubber	2	18	M8 Bolt (20mm)	1
3	Head pipe #3	1	11	Joint springs	7	19	M8 rock nut	1
4	Head pipe #4	1	12	Radiator stay	1	20	M8 washer	1
5	Joint pipe	1	13	Silencer stay B	1	21	M6 bolt (20mm)	2
6	Tail pipe	1	14	Collar A (25x23mm)	2	22	M6 rock nut	2
7	Silencer	1	15	Collar B (25x39mm)	2	23	M6 washer	4
8	Silencer stay	1	16	M8 Bolt (90mm)	2	24	Heat-resistant tape	1



**Fig.1** (Full attachment for footpeg users)



How to attach the silencer band stay

