

HONDA '06- CBR1000RR GP configuration (Undertail/Side exit)

Thank you for selecting and purchasing a TiForce exhaust system for your CBR1000RR.

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. Instructions are also available in Adobe Acrobat PDF format on the TiForce website, www.tiforce.com,

Before Installation

- Verify that all parts and accessories have been included (see list below).
- Coat all exhaust pipe mating joints with anti-seize compound / lubricant.
- Read and review the instructions, cautions, diagrams and images prior to starting any work.

1. Remove the under, side and seat fairings.
2. Referring to the manufacturer's instructions, remove the standard exhaust silencer.
 - ★ Detach the wire of exhaust control device.
 - ★ Save the standard bolts (3) for reuse.
3. Remove the standard exhaust pipes.
 - Unbolt the radiator upper mounting bolt and move the radiator forward to have enough room for the next procedure.
 - Save standard flange nut for reuse.

4. Detach the right passenger's foot peg stay and remove the passenger's foot peg bar. (Save the standard bolt for reuse.) Put the supplied Right silencer sub stay to the passenger's foot peg stay and attach this assemble to the motorbody by saved standard bolt in this step. Next, attached the removed passenger's foot peg bar to the assembled foot peg stay by enclosed button cap bolt (m6x45mm) and lock nut(M6). (see Pic. 1)

(Pic 1)



5. Assemble the enclosed head pipes 1,2,3 and 4 by matching the middle pipes and 2-1 joints. Do not install the exhaust springs at this time. Attach the assembled head pipe sections to the exhaust ports, but do not tighten the bolts fully. (The cylinders are numbered in the order from the left, as you sit on the motorbike)

Use a new gasket to prevent exhaust leaks.

Attach the enclosed grommet (2) to each joint.

Lightly attach the standard flange nut saved in step 3 by hand.

Make sure the ends of the head pipes fit snug in the engine ports.

6. Insert the tail joint, tail pipe (1;undertail) and tail pie (2;side exit) to the headers. Put the enclosed M6 clip nut to the tail pipe (1;undertail) and lightly attach this section by the standard bolt (1) saved in step 2.
7. Insert the silencer (A:Undertail) to the tailpipe (1;undertail). Attach the silencer to the standard silencer mounting position by enclosed silencer band (2), Band rubber (2) and L stay (2) (Use capbolt (M8x20mmx2), M8 washer x 2 and standard bolt saved in step 2 x 2).
8. Insert silencer (B;side exit) to the tail pipe (2;side exit). Attach the silencer by enclosed silencer band, band rubber and aluminium collar to the silencer sub stay. (Put aluminium collar between silencer sub stay and silencer band.) (Use capbolt M8x35mm, M8washer and M8 flange lock nut) (see Pic. 2)



(Pic.2)

9. Jiggle the whole assemble for better fitting. Attach the supplied springs to all the joints. Use a spring puller to prevent damage to the springs that could lead to future failure. Returned the radiator to the previous proper position.

10. Check the clearance (3-5mm) between the right lower faring and #4 head pipe. (see Pic.3, yellow circle). In order to prevent damages to the faring from the heat, put the enclosed heat shield to the faring or cut the faring a little.



(Pic. 3)

11. Make sure the exhaust system is free and clear of the motorbody. Lightly reinstall the fairings removed in step 1. Doublecheck the exhaust system is free and clear of the faring. If necessary, adjust for proper clearance.
12. Remove the fairings reinstalled in step 11. Securely tighten all fasteners from exhaust pipe flange to the silencer stay.
13. Using some brake and contact cleaner on a clean rag, carefully wipe down the entire exhaust system to remove any residual oils, anti seize, finger prints and dirt prior to starting the motor. Failure to clean the tubing and can may result in permanent staining of the system when heated.
14. Check that all fasteners are tightened per specifications, then start the motor and check for exhaust leaks.
15. Reinstall the fairings.

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.

Enclosed parts

1. Head pipe 1-4: each:	1	9. Silencer B (95/71)	1	18. Joint spring (short)	15
2. Middle pipe 1-4: each:	1	10. A Silencer band	2	SUS button cap bolt	
3. 2-1 joint #1/#2	1	11. A Band rubber (185mm)	2	19. M6x45	1
4. 2-1 joint #3/#4	1	12. Silencer L-stay	2	20. M6 lock nut	1
5. Tail joint	1	13. B Silencer band	1	21. Cap bolt M8x20	2
6. Tail pipe 1 (for undertail)	1	14. B Band rubber	1	22. Cap bolt M8x35	1
7. Tail Pipe 2 (for exit)	1	15. Silencer sub stay	1	23. M8 flange lock nut	1
8. Silencer A (134/104)	1	16. Aluminum collar	1	24. M8 Washer (large)	3
		17. Grommet	2	25. M6 clip nut	1