



BUELLXB12R

Thank you for selecting and purchasing a TiForce exhaust system for your Buell XB12R.

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.

We recommend the installation be done by your nearest dealer or specialist.

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 these instructions, cautions, diagrams and images prior to starting any work.
 - For your safety, detach the batteries.
 - Use new exhaust gasket.
 - TiForce recommends the use of light-duty thread locking agent (ie Blue Loctite) on all exhaust mounting fasteners - especially the fasteners on passenger footrest brackets and all silencer mounting hardware.
1. Take off the under-cowl and standard exhaust systems. (NOTE! Please refer to the relevant manual.)
 2. Cut the A/F sensor lead wire near coupler. Extend the lead wire using by enclosed lead wire and crimping sleeve. (NOTE: Make sure to crimp the wire and crimping sleeve using a tool for crimping. Failure of this will cause a serious problem.)
 3. Lightly attach the head pipe on the rear bank side, and attach A/F sensor.
*If the A/F sensor is not required for race riding and etc., seal the hole with the enclosed screw plug.
 4. Join the head pipe, middle pipe and 2-1-2 joint.
 5. Attach the stay to the silencer, and attach it to the body lightly. (M6-15x8, M8-50, M8 lock nut, M8 washer, Aluminum color X 2, 3/8-4X2) *Silencer Stay F is attached to the silencer with M6-15X4 from the time of shipping.
 6. Remove the cap bolt M6-15, which is lightly attached to the joint pipe mounting position of the silencer. (Save the bolt as this is to be used for attaching the R and L tail pipes.)
 7. Apply the liquid gasket to the flange surface of the joint pipe, and insert into the 2-1-2 joint. (Pic 4)
 8. Using the bolt removed in step 6, attach the joint pipe R and L to the silencer. (Pic 4)
 9. Make sure the exhaust pipe is not touching any other part before tightening all fasteners. Securely fasten bolts and attach the springs to each joint.
 10. Reinstall the battery.
 11. Remove any oil on the exhaust pipe and silencer.
 12. Make sure all bolts and nuts are tightly fastened. Start the engine and ensure there are no exhaust gas leaks.



- * The middle pipe flair can be removed by cutting the spot welds of the mid pipe flair for use with big bore and racing engines. However fuelling adjustment will be required. (Pic 5)
- * There is possibility for the middle flair to come off, due to the spot welding. This will not affect any aspect of the performance.

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

TiForce Japan Co., Ltd
8160-1, Kou-cho
Suzuka city, Mie
513-0836, Japan

81-593-701881 tel
81-593-701882 fax

<http://www.tiforce.com>
sales@tiforce.com

Enclosed parts

F Head Pipe	1	R Head pipe	1	F Middle Pipe	1
R Middle Pipe	1	2-1-2 Joint	1	Silencer Joint Pipe R	1
Silencer Joint Pipe L	1	Silencer	1	F Silencer Stay	1
R Silencer Stay R	1	R Silencer Stay L	1	R Silencer Stay L	1
Aluminum-collar	2	Spring (Short)	6	3/8 UNC 4" Bolt	2
M8 Bolt 50mm	1	M8 Flange Lock Nut	1	M8 Washer	1
M6 Bolt 15mm	4	Screw Plug	1	Lead wire	400mm
Crimping sleeve	2				



Pic.1



Pic.2



Pic.3



Pic.4



Pic.5



Pic.6



Pic. 7



Pic.8