

Taylor*made* RACING INC

Installation Guide

2012-2015 Honda CBR 1000 RR Fireblade



!!!THIS PRODUCT IS DESIGNED FOR USE IN CLOSED COURSE RACING AND IS NOT FOR HIGHWAY USE!!

Congratulations on the purchase of your new TaylorMade underbelly exhaust kit for your Fireblade. Your new exhaust is fabricated from thin wall stainless steel so will never rust. The black finish is a baked on ceramic coating and only requires washing with soap and water to keep clean.

Any competent mechanic with basic tools can install the kit but if you have any doubts in your mechanical abilities entrust installation to an experienced workshop. Time to fit is approximately 2 hours depending on familiarity. All directions are given as if you are sat on the bike: e.g. Left = gear change side.

Fitting is straightforward but please do read the instructions carefully, as they will help you get the job done quicker and more easily.

To watch a demonstration video on how to install your TaylorMade exhaust, go online to www.racetaylormade.com and watch the video for the 2008-2011 CBR1000 RR.

Preparation

1. Remove the rider's seat and lower cowl. Please see pages 104-106 of the Owner's Manual for details of removing the lower cowl.
2. Disconnect the exhaust valve servo motor located under the rider's seat. First, unclip the wiring connector from the under tray by depressing the tab under the connector sliding it to the left. You can now separate the connector.



3. Remove the bolt securing the servo motor to the under tray. Pull the motor off its post and disconnect the cable.

4. Pull the cable through from below, replace the servo motor, reconnect the wiring and clip the connector back in to place.

5. Unplug muffler oxygen sensor from main wiring loom located behind the left hand side panel, above the engine cover. Insert black electrical plug included with your kit in place of stock oxygen sensor wiring.



6. Remove stock muffler by:

- a) loosen the slip joint to header clamp
- b) remove rear mounting bolt from rider's footrest hanger
- c) detach the footrest hanger
- d) rotate the muffler to one side and pull it off the headers

NOTE: Occasionally, a silver fiber seal located in the stock muffler will remain on the headers. This silver seal must be removed for proper fitment.

7. Remove heat shield from the back of the footrest by taking off the small bolt at the front. (Careful: the bolts are quite soft headed and require care when removing.) Undo the rear bolt which has a nut on the back.



Assembly

1. Slip the TMR muffler onto the headers at an angle so it slips under the suspension linkage. Once engaged, roll the muffler up and behind the foot rest hanger and then push the muffler fully home against the stop on the headers.
2. Replace the footrest hanger and tighten mounting bolts.
3. Put the stock muffler mounting bolt back through the footrest hanger mount, through the strap bracket and let it rest there.
4. Tighten the muffler clamp firmly. If you have a torque wrench torque to 25 foot pounds. Make sure the muffler is tightly attached and there is no movement.
5. Re-attach the lower cowl as shown in the Owner's Manual.

6. Tighten the front two stock bolts on either side of the lower cowling.
7. Take the trim piece and place the front underneath the rear edge of the lower cowling, over the muffler exit at the back and behind the footrest hanger mounting bolt at the top. **To avoid damage, the tab of the carbon trim should be sandwiched between the bracket to the muffler and the footrest hanger.**
8. Push the mounting bolt through the footrest hanger, the tab at the top of the trim piece then the muffler mounting bracket. Replace stock nut finger tight.
9. Replace the stock bolt through the rear of the lower cowling, through the hole in the front of the trim and tighten to the frame.
10. Align the bracket on the back of the muffler with the hole in bottom, rear tab of the trim piece. Then take the small, black cross-headed screw from the kit, put it through the hole in the trim, engage the well nut in the muffler bracket and tighten the screw.
11. Check there is clearance between the trim piece and all the way around the exit pipe. There must be no contact between the carbon and the muffler. If there is contact go back and loosen the muffler clamp at the headers and twist the muffler to locate the exit in the center of the trim. Don't forget to tighten the muffler clamp again!
12. Tighten the top mounting bolt through the footrest hanger.
13. On the right hand side, place the piece of plastic trim grip over the join overlap on the lower edge of the carbon trim piece and lower cowling.
14. On the left hand side, put the spacer (small diameter in fairing) between the lower cowl and frame and bolt in place.

Now all that's left to do is take the bike for a good ride. Remember, after about 100 miles retighten all bolts especially the muffler clamp to the headers.

Do not hesitate to contact us if you have any questions regarding the installation of your pipe.

Safe Riding,

Paul Taylor

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Proper care guidelines for your TaylorMade Exhaust

All components of your new exhaust are fabricated from thin wall stainless steel so it will never rust. The black finish is a baked-on ceramic coating which only requires washing with soap and water to help keep it clean. To keep your carbon fiber looking new, we recommend a regular application of Turtle Wax's "Color Magic" in black. The muffler has an absorption design which relies on a fiberglass packing to absorb noise, heat and vibration. Over time the packing will degrade and will require replacing to maintain sound absorption quality and integrity of the muffler. In normal use repacking will be necessary every 6000-7000 miles. Extended periods of use at high RPMs will significantly reduce this service interval. A sure sign that repacking is required is when there is a noticeable increase in sound level. When your muffler needs servicing please contact our service team here at TaylorMade, who will be pleased to inspect and refurbish your muffler at a minimal cost.

WARRANTY AND LIMITATIONS

Regarding products sold by TaylorMade Racing Inc. (TaylorMade) e.g., exhaust systems, composites, billet parts, etc., TaylorMade warrants these products against defects arising out of failure due to material and/or workmanship for a period of 1 year from the date of purchase regardless of actual "in service" date. This warranty is limited to the repair or replacement of the item solely at the discretion of TaylorMade. Such repair or replacement will be determined based solely on TaylorMade's evaluation of the item's intended and actual use.** Regarding products purchased from TaylorMade but not manufactured by TaylorMade, NO WARRANTIES WHATSOEVER are granted or implied. Any and all claims regarding items sold by TaylorMade but not manufactured by TaylorMade are to be referred to and disposed of by the actual manufacturer. Claims regarding these items may be administered by TaylorMade or referred to the actual manufacturer at TaylorMade's discretion.

EXCLUSIONS

This warranty does not cover finishes such as plating or paint nor their failure due to discoloration from heat, weathering, or abuse. Nor does it cover any failure due to damage arising out of improper installation, crash damage or incompatibility with other components. In any event, TaylorMade accepts no liability for any damage to vehicles or persons arising out of the use and/or abuse of a vehicle equipped with TaylorMade components, nor will TaylorMade accept liability for damage to injury or persons from the use or abuse of the product itself, whether direct or indirect, voluntary or involuntary. TaylorMade will not be responsible for any dispositions made by dealers or distributors of products. TaylorMade will not be responsible for any labor charges incurred by the customer for the installation or removal of the TaylorMade component or changes arising out of the collateral damage to the vehicle or persons while installing, removing, or using any item purchased from or supplied by TaylorMade whether manufactured by TaylorMade or not.

RETURN POLICY

TaylorMade will not be responsible for any shipping charges by the purchaser in returning the part to TaylorMade for evaluation. A return authorization number and a copy of the purchaser's invoice or receipt must accompany all returns. Parts returned without authorization may be refused.

DISCLAIMER

TAYLORMADE EXHAUST SYSTEMS, ENGINE PARTS, OR ANY PART WHICH MAY EFFECT EMISSION REGULATION COMPLIANCE ARE FOR OFF HIGHWAY USE ONLY AND ARE NOT FOR SALE OR USE ON CALIFORNIA POLLUTION CONTROLLED VEHICLES OR IN OTHER STATES WHERE POLLUTION CONTROL LAWS APPLY. SUITABILITY OF APPLICATION IS THE SOLE RESPONSIBILITY OF THE PURCHASER

**Failure to abide by the care guidelines outlined in the installation guide, will void any warranty terms listed above. Mufflers returned for refurbishment under warranty will be subject to inspection by TaylorMade technicians. If upon inspection our technicians deem that damage has occurred due to neglect, the customer will have the option to pay a refurbishment fee or to ship the muffler to their return address.