

# Service Bulletin

American Honda Motor Co., Inc.

## SAFETY RECALL

### 2002-2005 VFR800/A Wire Harness Replacement

Honda Motor Co., Ltd. has determined that a defect relating to motor vehicle safety exists in the wiring harness of certain 2002-2005 model year VFR800 motorcycles.

Under certain conditions, the ground wire terminals inside the connector between the main wiring harness and fairing sub-harness can overheat, resulting in melting of the connector and a loss of power to various circuits. As a result, a loss of critical lighting or engine power could occur without warning, which could result in a crash.

#### AFFECTED UNITS

##### 2002 VFR800/A

JH2RC461\*2M400002 - JH2RC461\*2M402149

JH2RC464\*2M400002 - JH2RC464\*2M400536

##### 2003 VFR800/A

JH2RC461\*3M500001 - JH2RC461\*3M501519

JH2RC464\*3M500001 - JH2RC464\*3M500496

##### 2004 VFR800/A

JH2RC461\*4M600001 - JH2RC461\*4M601209

JH2RC464\*4M600001 - JH2RC464\*4M600310

##### 2005 VFR800/A

JH2RC461\*5M700001 - JH2RC461\*5M700552

JH2RC464\*5M700001 - JH2RC461\*5M700186

(\*) denotes check digit

#### CUSTOMER NOTIFICATION

American Honda is sending a letter to owners of all affected 2002-2005 VFR800/A models, advising them to take their motorcycle to a Honda Motorcycle dealer to have the Safety Recall procedure performed.

Your assistance is needed to ensure your VFR800/A customers are informed of this Safety Recall. A copy of the customer letter is reproduced on pages 9-10 of this Service Bulletin.

## DEALER INVENTORY

According to federal law, any affected units in your new or used inventory cannot be sold or leased until they are repaired. Refer to the REPAIR VERIFICATION and REPAIR PROCEDURE sections of this Service Bulletin.

## REPAIR VERIFICATION

Before you begin the repair procedure, check if the repair has been performed on the unit. See the IDENTIFICATION section of this Service Bulletin for more details.

- If there is a punch mark – No further action is necessary.
- If there is no punch mark – The unit has not been repaired, and you must proceed with the REPAIR PROCEDURE section of this Service Bulletin.

**NOTE:** Repair verification may also be found in the Dealer Responsibility Report and on *iN*.

If you have any questions about repair verification, please contact your DSM or Warranty Assistance at (800) 421-1900, option 7.

## REPAIR PROCEDURE

**NOTE:** Updated illustrations of the wiring diagram for the affected models are included with this Service Bulletin.

Make sure the ignition is OFF.

### REMOVE BODY PANELS

Remove the following parts:

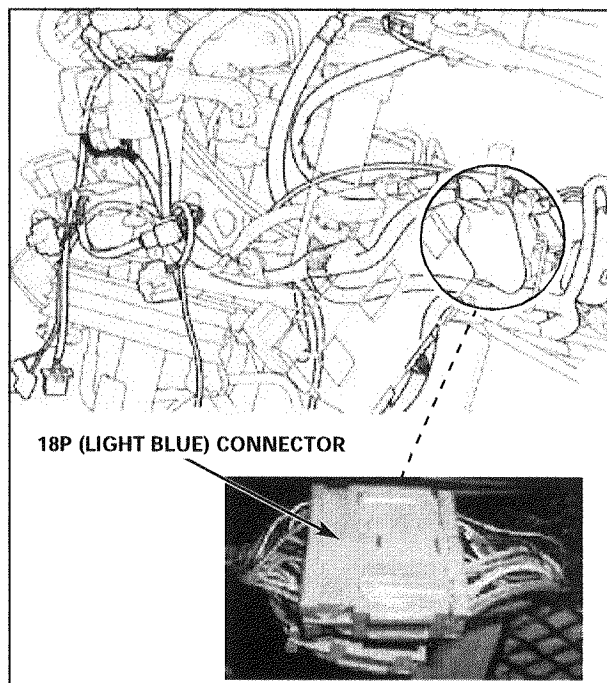
- Seat
- Side cowls
- Upper cowl
- Fuel tank mount bolts
- Battery cover

Refer to the 2002-2008 VFR800/A Service Manual for specific instructions.

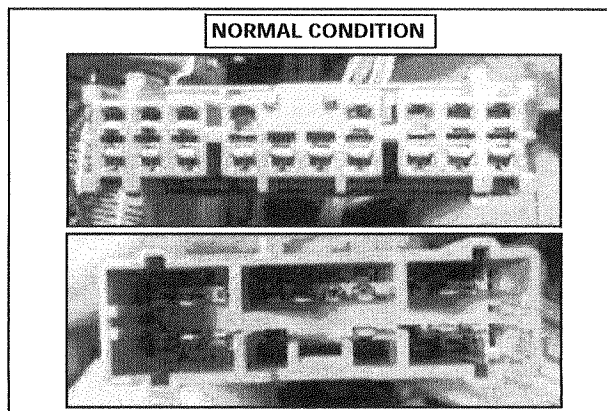
### WIRE HARNESS INSPECTION

**NOTE:** If the 18P connector (light blue) is melted, unable to disconnect, or modified, contact TechLine at (800) 421-1900, option 9, prior to starting the repair.

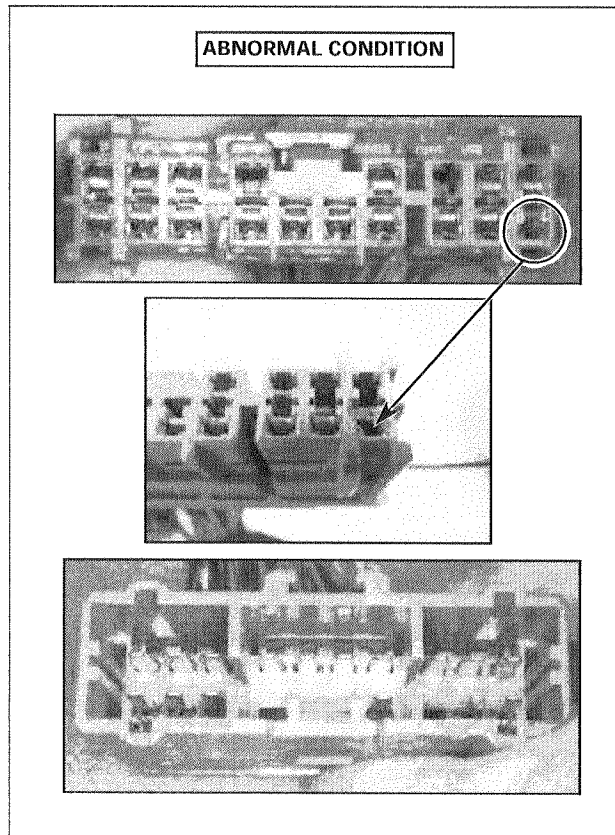
Inspect the 18P connector (light blue) inside the protective sleeve for any burnt, melted, or discolored condition.



If the condition of the 18P (light blue) connector is normal, proceed with the FRONT SUB-HARNESS REPLACEMENT.



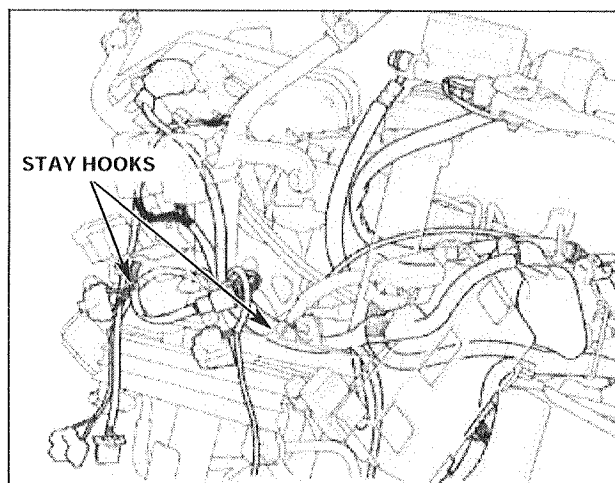
If the 18P (light blue) connector is in abnormal condition as shown below, contact TechLine at (800) 421-1900, option 9.



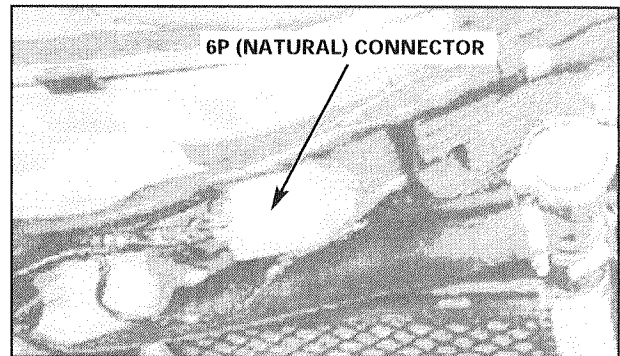
### FRONT SUB-HARNESS REPLACEMENT

1. Remove the front sub-harness from the cowl stay hooks.

Disconnect all the electrical components from the front sub-harness.

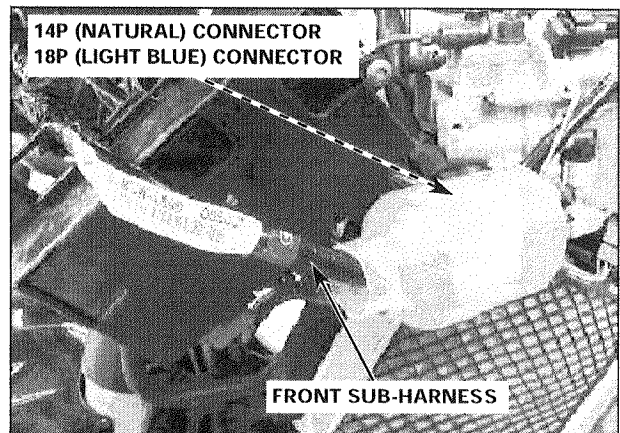


2. Temporarily set the main wire harness aside, and disconnect the 6P (natural) connector. Then, carefully remove the front sub-harness.

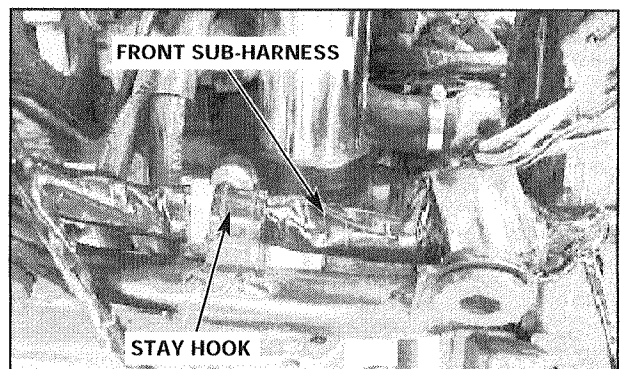


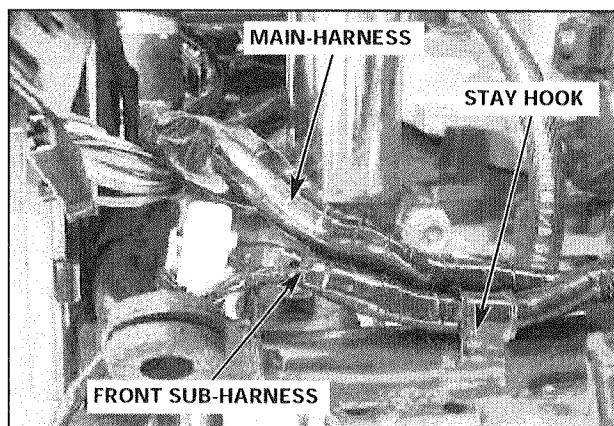
3. Install the new front sub-harness by connecting the 14P (natural) and 18P (light blue) connectors.

**NOTE:** For routing specifications, refer to the **WIRING & HARNESS ROUTING SECTION** on pages 7-8.

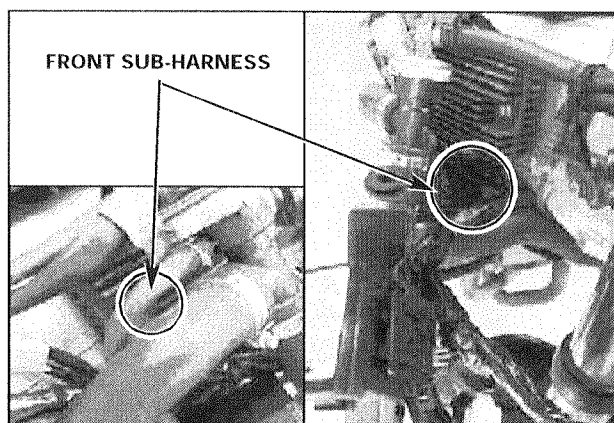


4. Attach the front sub-harness on the cowl stay hooks. Make sure the front sub-harness is routed below the main sub-harness.

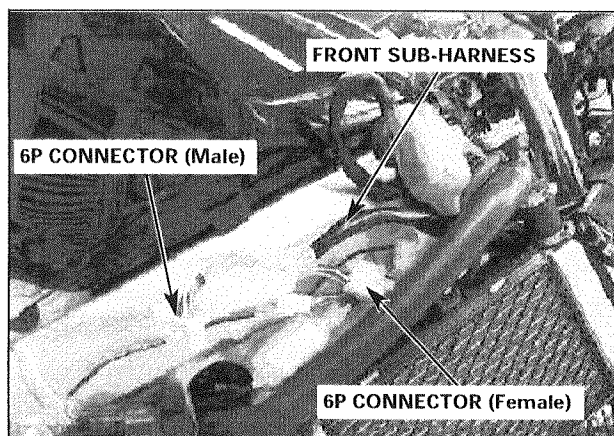




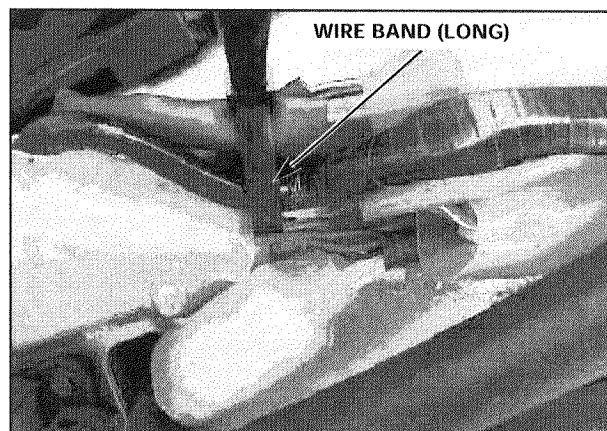
5. Place the front sub-harness between the radiator and the frame, and below the rectifier. Be careful not to damage the front sub-harness or other components.



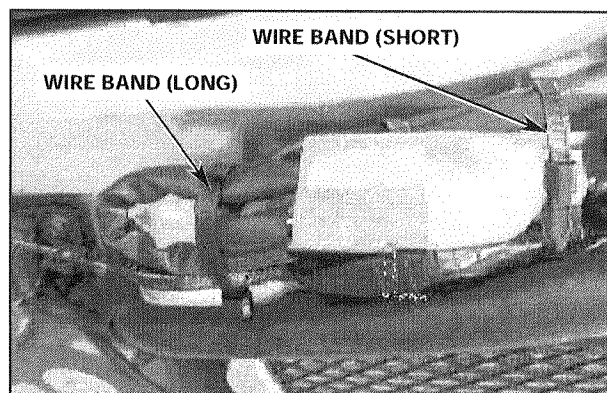
6. Re-connect the front sub-harness to the 6P (natural) connector.



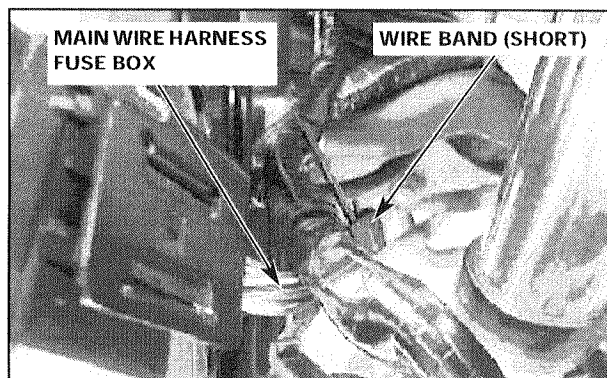
7. Secure the main wire harness and the front sub-harness using the longer wire band.



8. Secure the main wire harness and the upper side of the front sub-harness using the shorter wire band. Adjust the wire harness located within the frame and the radiator hose accordingly.

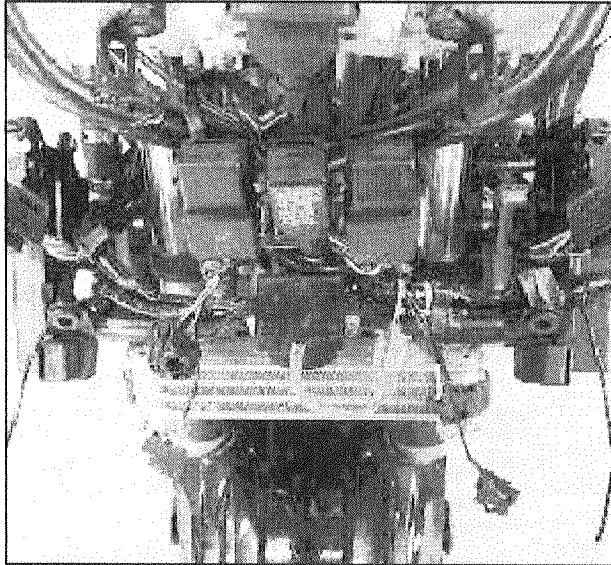


9. Secure the main wire harness fuse box to the front sub-harness using the shorter wire band.





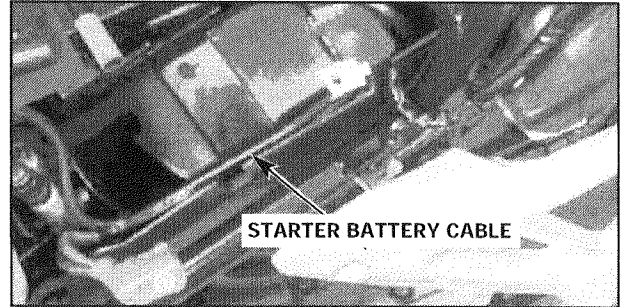
10. Re-connect all the electrical components to the front sub-harness.



11. Re-install the upper cowl assembly.

### **STARTER BATTERY CABLE REPLACEMENT**

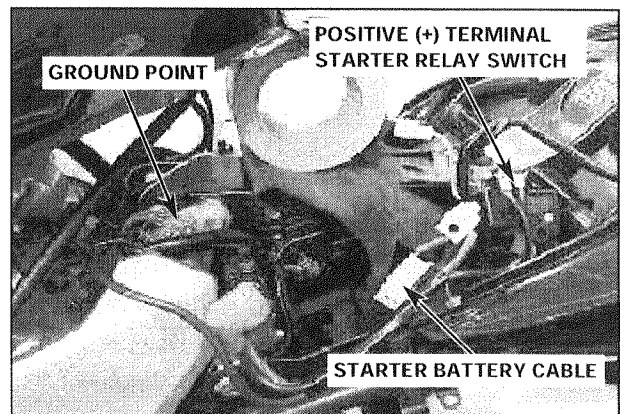
1. Remove the fuel tank 6 and 8 mm mounting bolts/washers.
2. Remove the trim clip and the battery cover.
3. Remove the battery strap, disconnect the battery terminals, and remove the battery.
4. Loosen the starter battery cable.



5. Lift the fuel tank about 15 cm (6 in).

Loosen the ground point mount bolt and the positive (+) terminal starter relay switch bolt. Then, remove the starter battery cable.

Install the new starter battery cable in the reverse order of removal.

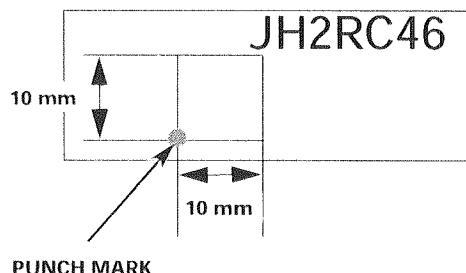


6. Re-install the rest of the previously removed body panels

## IDENTIFICATION

After you have completed the REPAIR PROCEDURE, apply a punch mark adjacent to the VIN as indicated below.

NOTE: The VIN/Frame number is located on the right side of the steering stem.



## CLAIM INFORMATION

This Safety Recall will be in effect until all affected units have been repaired according to this Service Bulletin, regardless of the date of purchase.

Normal warranty claim submission requirements apply. After completing the Service Bulletin repair procedure, submit one warranty claim per unit with the following information:

WARRANTY CLAIM TEMPLATE:

### 2002-2003 VFR800/A Wire Harness Replacement

Template: Q57A  
Flat Rate Time: 1.3 hours

### 2004-2005 VFR800/A Wire Harness Replacement

Template: Q57B  
Flat Rate Time: 1.3 hours

Do not attempt to order these parts. Initial required parts will be automatically sent to your dealership according to your campaign responsibility report.

You will be notified via **in** when parts become available for open order.

## PARTS INFORMATION

REQUIRED PARTS:

### 2002-2003 VFR800/A WIRE HARNESS SET

P/N: 06320-MCW-305

H/C: 8838039

The kit includes the following parts:

Part Name	Part No.	Qty.
Sub Harness, Fr	32102-MCW-A01	1
Band, Wire	90650-KV6-003	2
Band, Suc Hose	90679-SG9-E01	1
Cable, Start Batt.	32401-MCW-D01	1

### 2004-2005 VFR800/A WIRE HARNESS SET

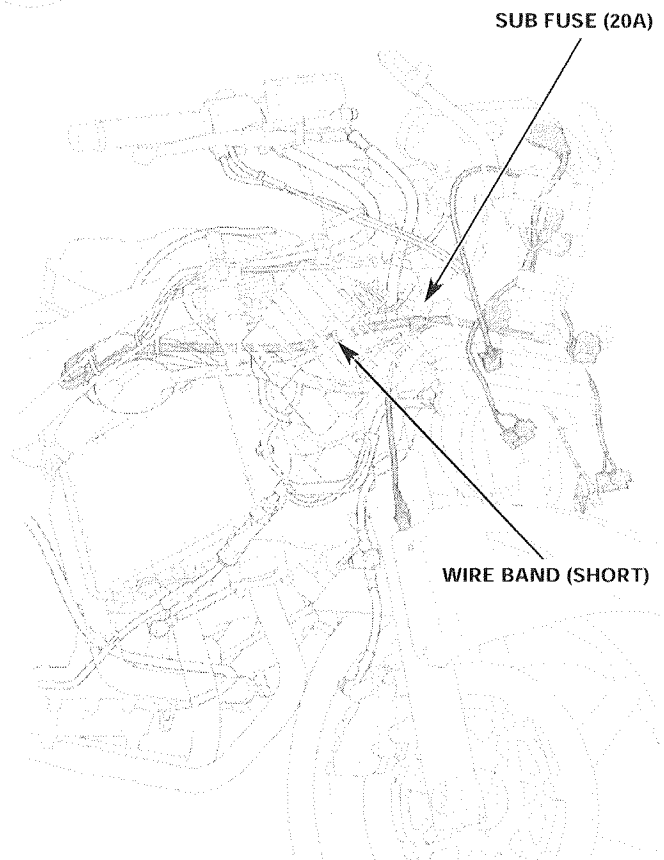
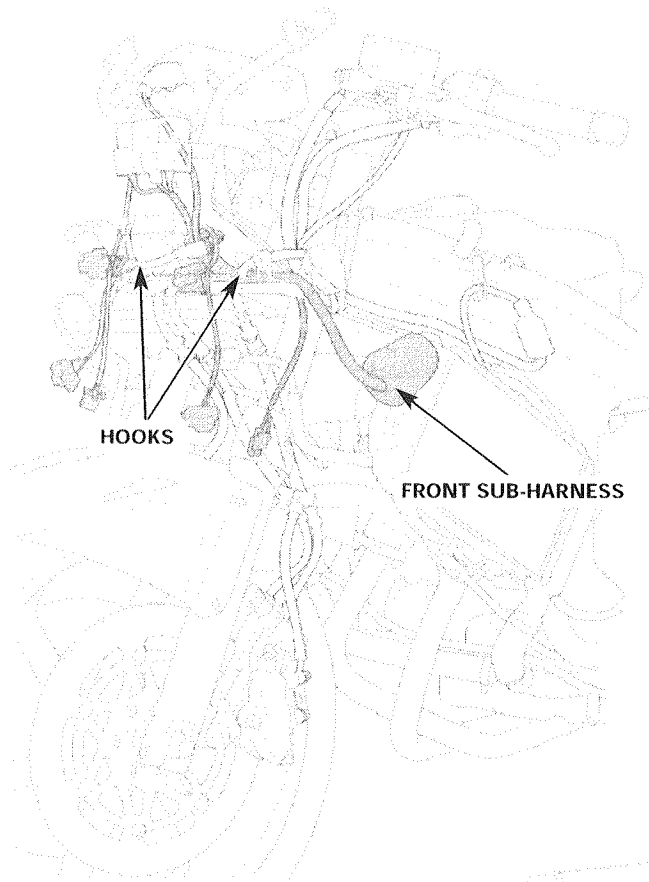
P/N: 06320-MCW-306

H/C: 8838625

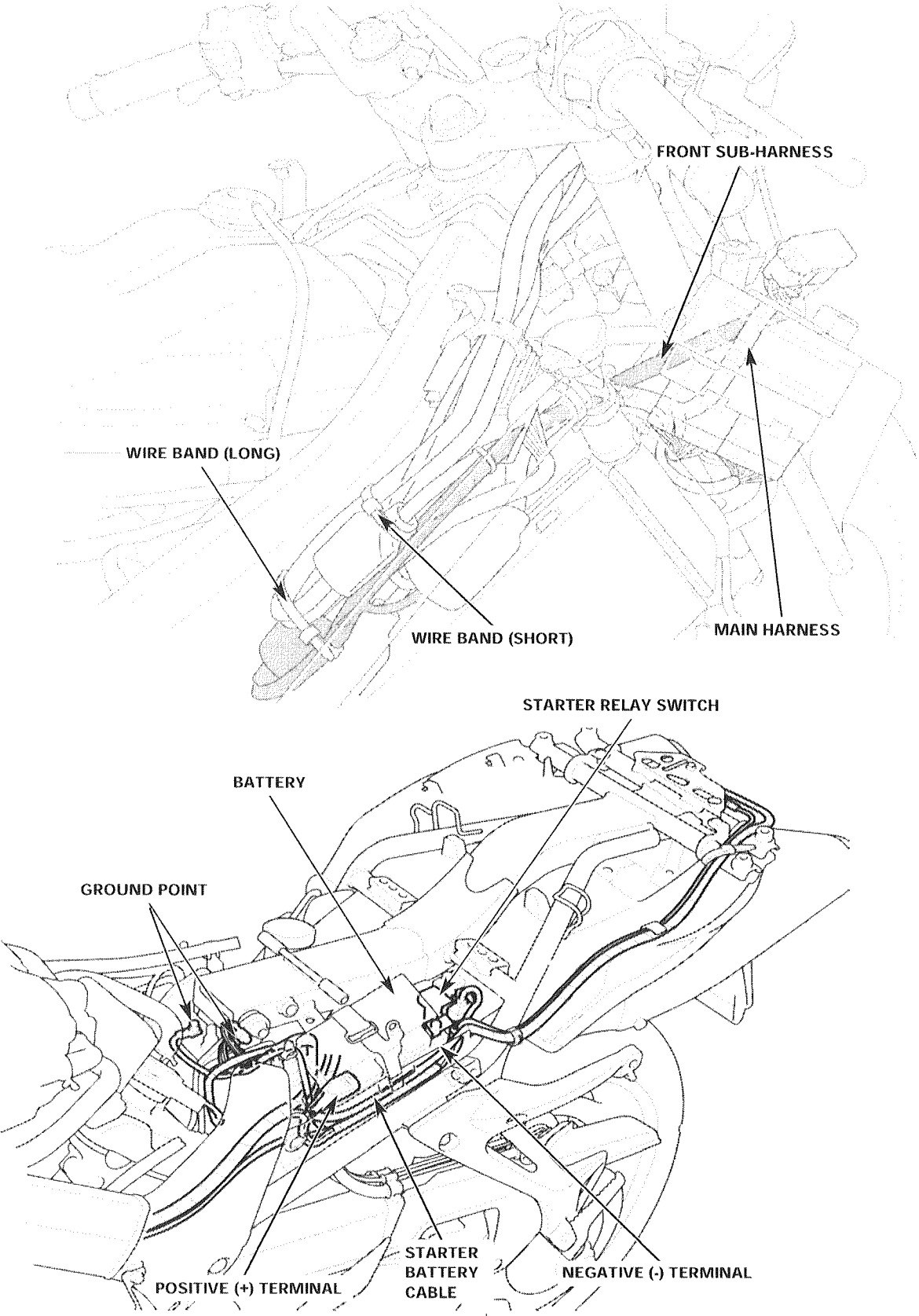
The kit includes the following parts:

Part Name	Part No.	Qty.
Sub Harness, Fr	32102-MCW-L60	1
Band, Wire	90650-KV6-003	2
Band, Suc Hose	90679-SG9-E01	1
Cable, Start Batt.	32401-MCW-D01	1

## WIRING HARNESS & ROUTING INFORMATION



WIRING HARNESS & ROUTING INFORMATION (CONT.).





## TEXT OF CUSTOMER LETTER

November 2007

### IMPORTANT SAFETY RECALL NOTICE

Dear VFR800 Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

#### What is the reason for this notice?

We recently sent you notification of a recall involving the wire harness ground connector on your 2002-2005 VFR800. At that time, parts were not available. This notification is to inform you that replacement parts are now available at your authorized Honda motorcycle dealer.

Honda Motor Co., Ltd. has decided that a defect related to motor vehicle safety exists in certain 2002-2005 model year VFR800 motorcycles. Under certain conditions, the ground wire terminals inside the main wire harness connector can overheat, resulting in melting of the connector and a loss of power to various circuits. A loss of critical lighting or engine power could occur without warning, which could cause a crash.

#### What should you do?

Please call your authorized Honda motorcycle dealer and make an appointment to have your VFR800 repaired. The dealer will install a newly designed front fairing wiring sub-harness free of charge. Please plan to leave your motorcycle for at least one day to allow the dealer flexibility in scheduling.

Honda strongly recommends that you do not ride your VFR until it has been repaired.

If you must operate the vehicle prior to repair, perform the following:

1. Remove or disconnect all electrical accessories – the additional electrical load of accessory circuits and higher than standard wattage headlamp bulbs can rapidly deteriorate the ground wire terminal.
2. Switch the headlamps to the low beam position and only ride during daylight hours – the additional electrical load of the high beam headlamps can accelerate any deterioration of the ground wire terminal which may already be present.
3. Closely monitor the behavior of the instrument panel indicator lamps and headlamp relay. Any flashing or abnormal behavior of the indicators or a buzzing sound from the headlamp relay (below instrument panel) is one of the first signs of a failing ground terminal connection.

### WARNING

Riding your VFR with a failing ground terminal connection could result in loss of lighting or engine stall which could lead to the rider being seriously hurt or even killed. Do not ride your VFR until the wiring harness has been repaired. If you must ride your VFR, follow the instructions above.

## TEXT OF CUSTOMER LETTER

If you do not feel qualified to carry out the steps listed above, please do not ride your VFR until it has been repaired.

Who to contact if you experience problems.

If you are not satisfied with the service you receive from your Honda dealer, you may write to:

American Honda Motor Co., Inc.  
Motorcycle Customer Service  
Mail Stop 100-4C-7B  
1919 Torrance Blvd.  
Torrance, CA 90501-2746  
(866) 784-1870

If you believe that American Honda or the dealer has failed or is unable to remedy the safety defect in your vehicle, without charge, within a reasonable period of time (60 days from the date you first contact the dealer for a repair appointment), you may submit a complaint to:

Administrator  
National Highway Traffic Safety Administration  
1200 New Jersey Ave., SE  
Washington, DC 20590

Or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

### **What to do if you feel this notice is in error.**

Our records show that you are the current owner of a 2002-2005 VFR800 involved in this campaign. If this is not the case, or the name/address information is not correct, please fill out and return the enclosed, postage-paid Information Change Card. We will then update our records.

### **If you have questions.**

If you have any questions about this notice, or need assistance with locating a Honda dealer, please call Honda Motorcycle Customer Service at (866)784-1870.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

**American Honda Motor Co., Inc.**  
**Motorcycle Division**

**TEXT OF CUSTOMER LETTER**

**Use this form only if you have previously paid for this repair.**

**Request For Reimbursement  
2002-2005 VFR800/A Wire Harness Replacement**

If you meet the following qualifications, American Honda Motor Co., Inc. will reimburse you for the cost of the wire harness replacement. No reimbursement will be made for other costs or repairs.

1. The vehicle must be a 2002-2005 VFR800/A.
2. The previous wire harness replacement must have occurred before 11/9/2007.
3. You must have a repair bill showing itemized parts and labor costs, VFR800/A model, year, VIN, name, address and phone number of the repair shop, and the date of the repair. There must be verification of payment, such as a copy of a cancelled check, cash receipt, or paid invoice.
4. To qualify for reimbursement, it is not necessary that you still own the affected 2002-2005 VFR800/A, but you must have been the owner when the wire harness was replaced. Only the owner at the time of repair may request reimbursement. Do not request reimbursement for the expenses of any other owner.

**IF YOU ARE QUALIFIED FOR REIMBURSEMENT:**

Fill in the blanks; please print clearly.

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Telephone: \_\_\_\_\_

Vehicle Identification Number (VIN): \_\_\_\_\_

Total Amount Requested: \_\_\_\_\_

Mail this form together with a copy of your repair bill and verification of payment to:

American Honda Motor Co., Inc.  
Customer Support, M/S 100-4C-7B  
1919 Torrance Blvd.  
Torrance, CA 90501-2746

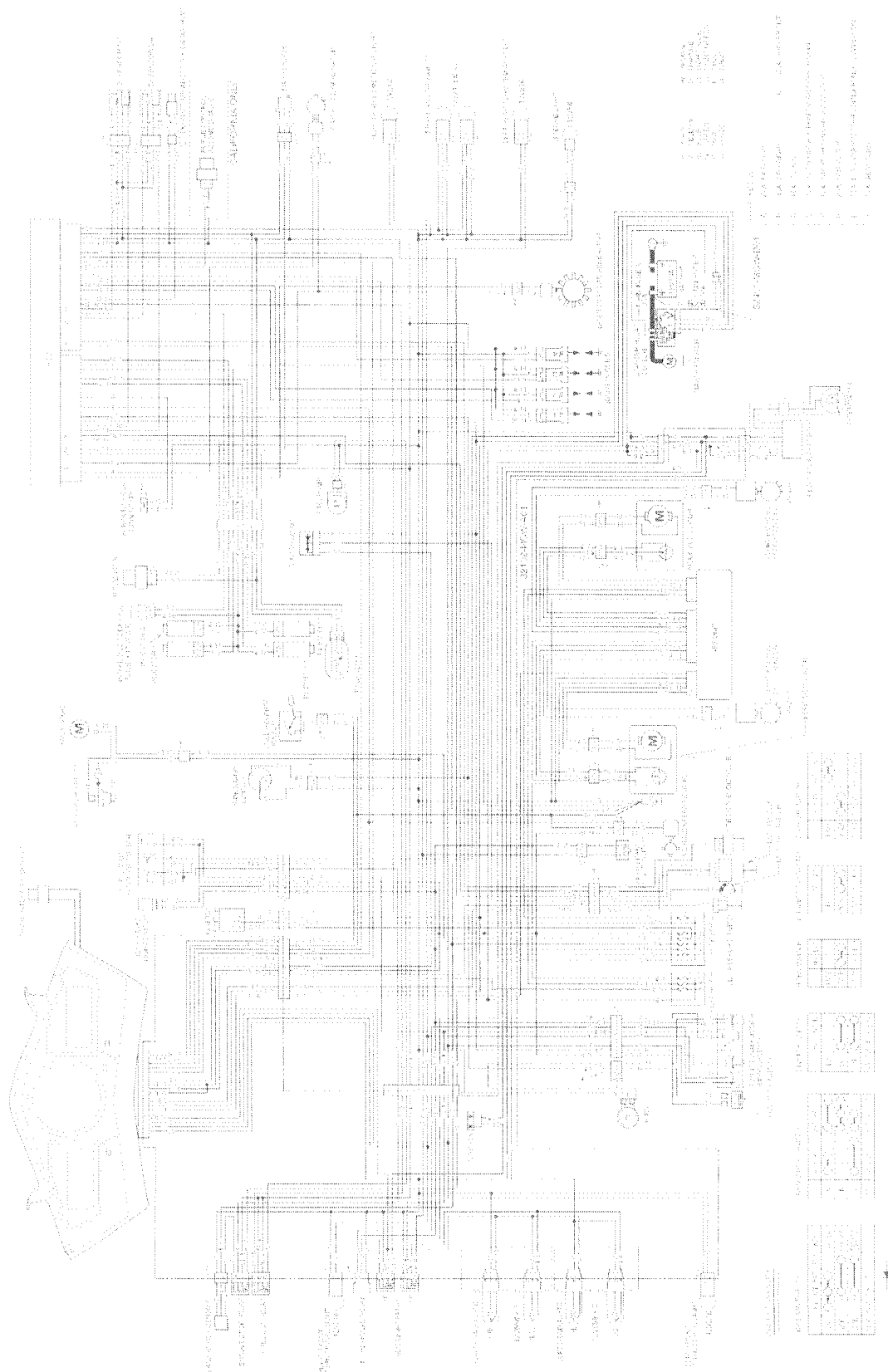
Please allow 6-8 weeks for reimbursement processing.

This form is provided for dealer information and customer photocopies if needed.



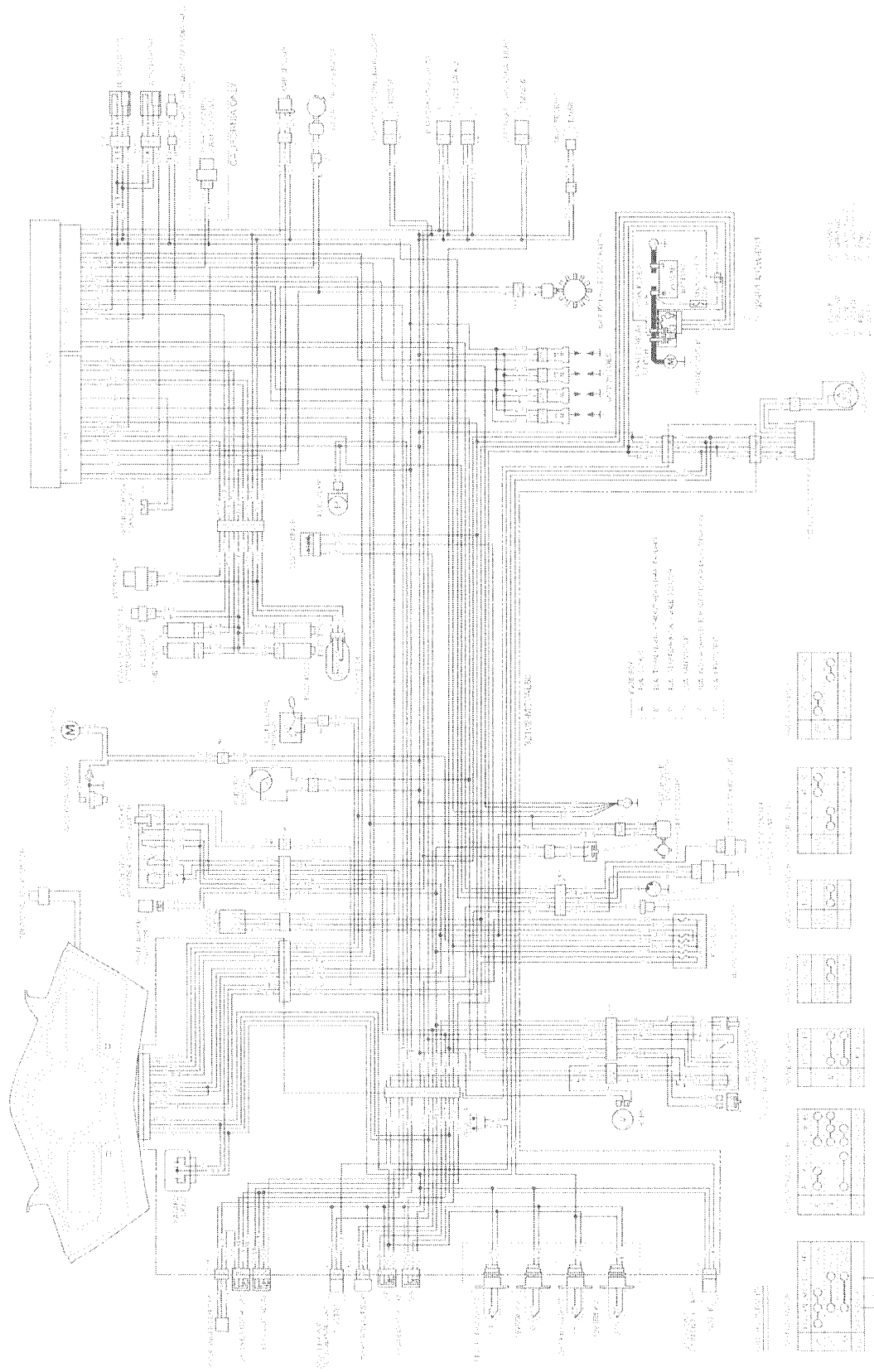
**MODIFIED WIRING DIAGRAM**  
**2002-2003 VFR800 (STANDARD TYPE)**

## MODIFIED WIRING DIAGRAM





# **MODIFIED WIRING DIAGRAM** **2004-2005 VFR800 (STANDARD TYPE)**



# **MODIFIED WIRING DIAGRAM** **2004-2005 VFR800A (ABS TYPE)**

