

Technical BULLETIN

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SAFETY RECALL

This modification has top priority. This bulletin must be performed immediately to ensure customer safety.

NOTE: Bulletins that announce a recall will have an "R" at the end of the bulletin number.

ALL 2014 FZ09 MODELS

FACTORY MODIFICATION CAMPAIGN – Headlight Does Not Work

i

INTRODUCTION

Yamaha Motor Corporation, U.S.A. has decided that a defect which relates to motor vehicle safety exists in 2014 FZ09E ("FZ-09") model motorcycles. In affected motorcycles, the headlight lead wire can be stretched when the handlebars are turned fully to the left or right. This is due to insufficient length of the headlight lead wire. If this happens repeatedly, the headlight coupler may disconnect from the headlight bulb or the headlight lead wire may break near the coupler. If this happens, the headlight would malfunction, which could result in the possibility of a crash with injury or death.

To correct this problem, Yamaha is initiating a Factory Modification Campaign. Affected units must have a headlight bulb sub-lead harness added to provide proper lead wire length.

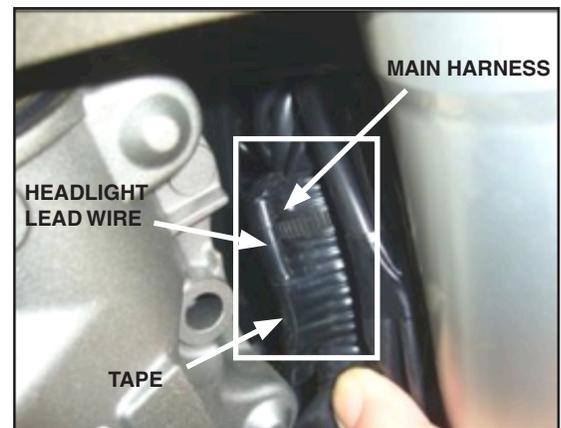
Yamaha is notifying all registered owners of affected motorcycles by mail. A copy of this letter is included in this bulletin. The customer should take this letter along with the affected motorcycle to an authorized Yamaha dealer for modification.

A computer report listing all affected motorcycles invoiced to your dealership is included with this bulletin. Use the list to help ensure all motorcycles are modified. All sold motorcycles that have been registered with Yamaha will show the customer's name and address. Your dealership must notify the owner of any affected motorcycle that was actually sold but listed as "unsold" in the report.

You must modify all affected motorcycles in your inventory as well as all customer-owned motorcycles brought to you for this service. Any affected motorcycle that you purchase from Yamaha in the future may also require modification. If you purchase a motorcycle from another dealer or Yamaha, check to see if the procedures in this bulletin have already been performed before you sell the motorcycle.

Motorcycles that are affected should not be operated until they are modified. It is a violation of Yamaha policy for your dealership to deliver any affected motorcycle to customers until the procedures in this bulletin are performed.

When the modification on each motorcycle is performed, follow the Warranty information section of this bulletin to receive reimbursement. Be sure to use the Factory Modification Campaign procedures in Chapter 7 of the **Warranty and Y.E.S. Handbook** (LIT-11760-00-08).





DEALER ACTION SUMMARY

Unsold

Units: Install the headlight sub-lead harness as instructed in this bulletin during setup and predelivery service (PDI).

Sold

Units: Check first to be sure the modification has not already been performed (see *Identification Procedure* section in this bulletin for more information). Replace the headlight sub-lead as instructed in this bulletin.

Parts: Yes, order a Headlight Sub-Lead Kit for each affected unit. Refer to the *Parts Information* section.

Warranty: See the *Warranty Information* section of this bulletin. This modification applies to all affected units regardless of ownership or warranty status.

Notify

Customers: Yes. You must immediately contact any customer whose motorcycle shows as unregistered on the enclosed report. Yamaha has sent letters to customers whose motorcycles were registered with Yamaha as of 9/21/2014.



AFFECTED RANGE

FZ09E RN33E-0000002~0004427
FZ09EC RN33Y-0000011~0001235



SERVICE PROCEDURES

Remove the Headlight Assembly

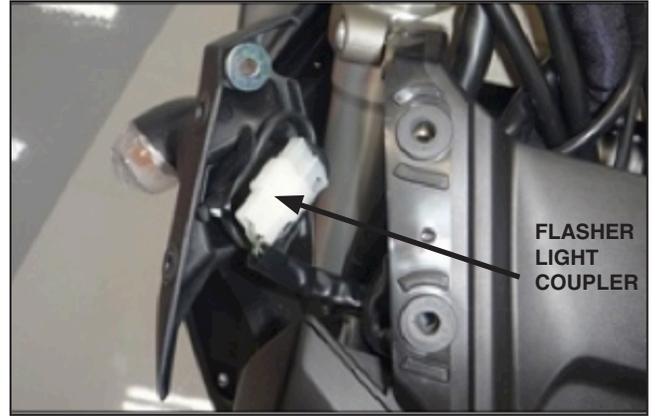
1. Remove the headlight assembly by removing the 2 upper side cover bolts (L&R), 4 bolts on the front, and the 2 lower headlight stay bolts (L&R).
2. Loosen the clamp for the brake hose and the horn lead wire.



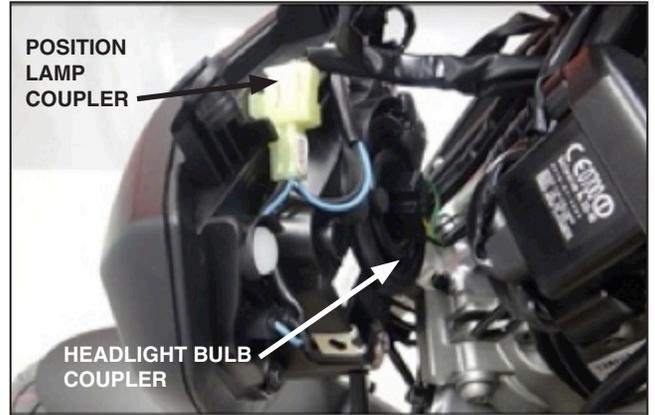
3. Remove the headlight unit side cover and disconnect the flasher light coupler on both sides.

TIP:

Leave the well-nut installed on the headlight side.

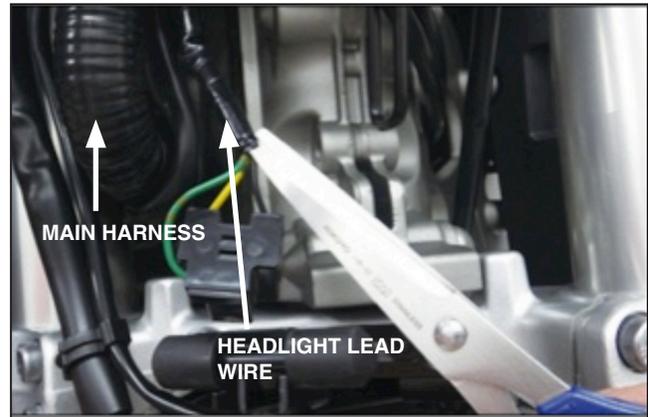


4. Disconnect the position lamp coupler and the headlight bulb coupler.

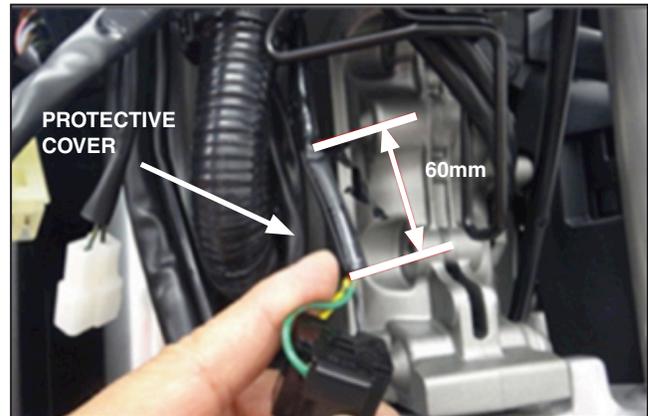


Headlight Wire Harness Modification

1. Cut and remove the vinyl tape which fixes the main harness and the headlight lead harness. Next, cut the tape covering the end of the protective cover of the headlight lead wires from the end. Discard the tape.



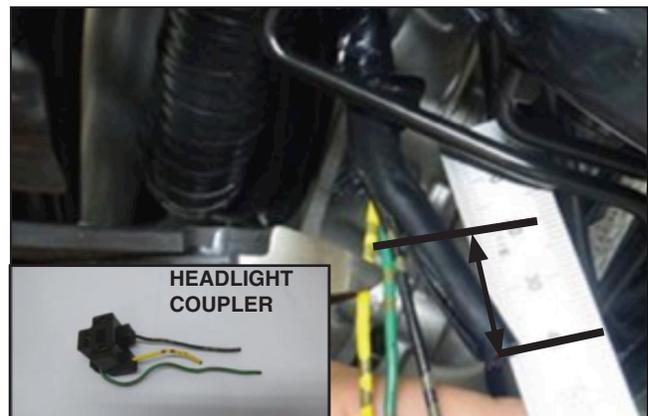
2. Split the protective cover up 60mm from the end (see adjacent photo). Then, also cut the protective tape on the headlight lead wires up 60mm from the end.



3. Using the end of the protective cover for reference, cut each headlight lead wire to the length shown below.

Yellow wire: 20mm
Green wire: 40mm
Black wire: 40mm

Discard the headlight coupler once the wires are cut.



4. Individually wrap the exposed ends of all three wires (yellow/green/black) with electrical tape to insulate them, then insert the taped wires back inside the protective tube.

5. Wrap the protective cover end with electrical tape.

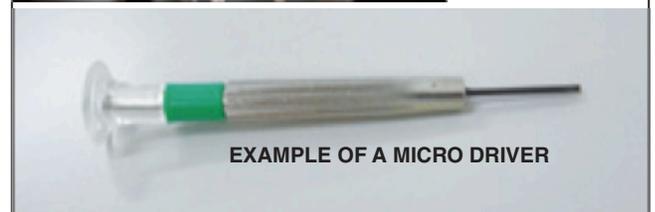
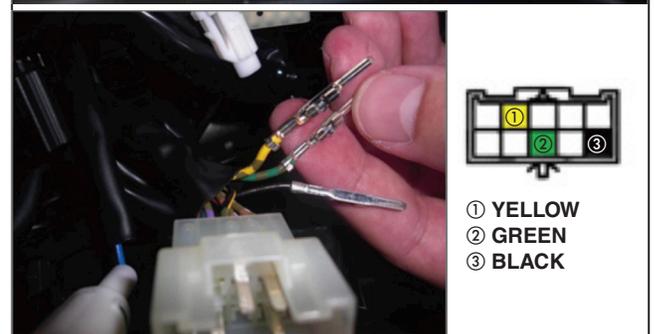


6. Disconnect the 4 couplers which are located on the underside of the headlight unit cover.

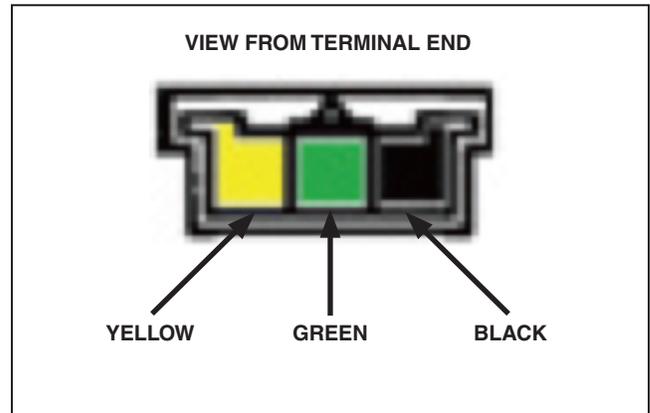
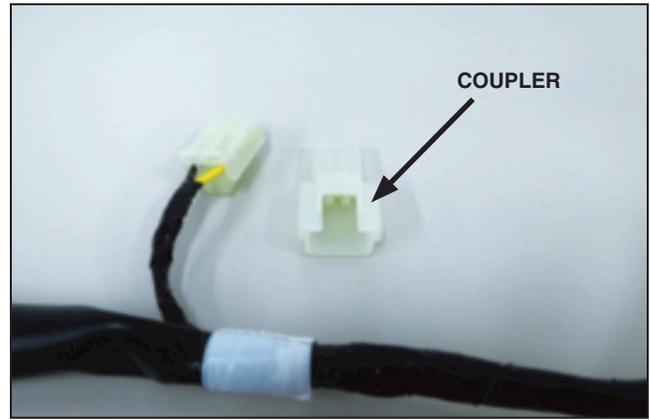


Left Handle Switch Coupler Modification & Reconnection

1. Remove the yellow, green, and black wire terminals (pins) from the left handle switch coupler. Push down on the stopper (catch) of the coupler using a terminal tool or micro flathead screwdriver.



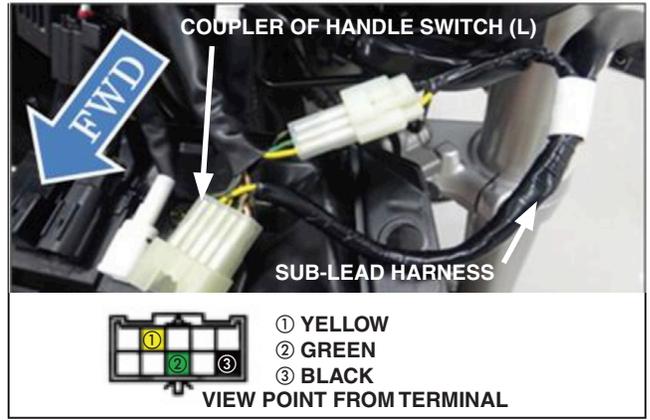
2. Remove the empty 3-pin coupler from the new wire sub-lead kit. Insert the terminals from step 1 into the coupler until it clicks and engages the catch. **NOTICE: After inserting, pull on the wire to check to be sure the terminal is locked in place.**



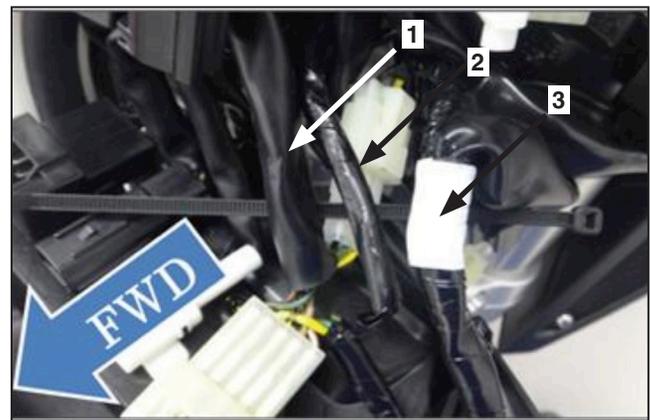
3. Connect the new sub-lead harness to the coupler from the previous step.



4. Insert each terminal end (yellow/green/black) of the sub-lead harness into the coupler for the left handle switch (L) until it clicks and engages the catch. **NOTICE: After inserting, pull on the wire to check to be sure the terminal is locked in place.**
5. Reconnect the 4 couplers disconnected in step 6 of *Modify the Headlight Lead Wire*.

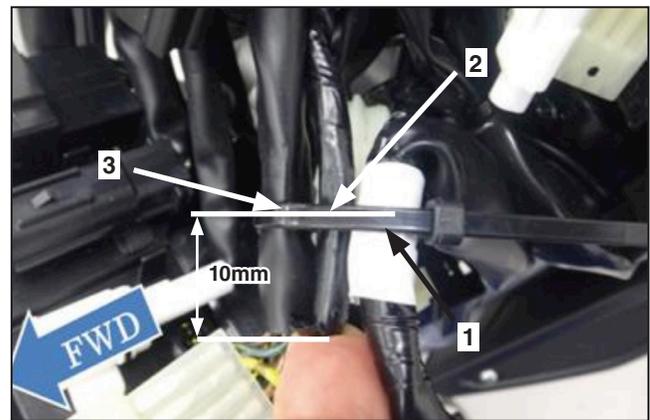


6. Band the wires together as shown with clamp (90465-10098-00).
 1. Sub-lead harness
 2. Old headlight lead harness (cut and taped)
 3. Left handle switch harness

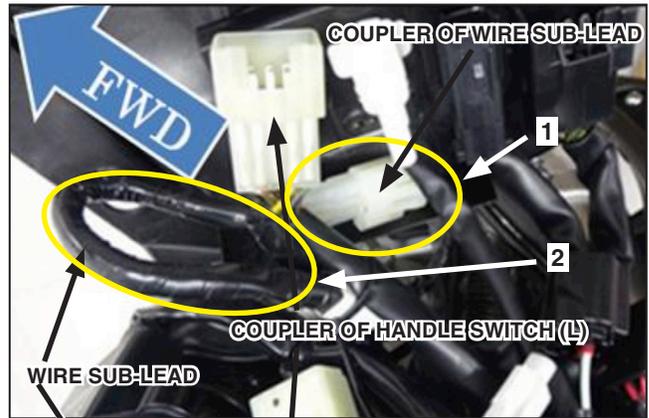


Band Position

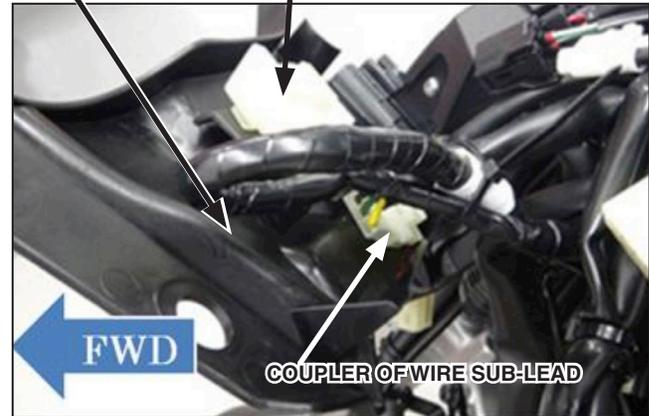
1. Center of the white tape
2. 10mm from the end
3. 10mm from the end of the protective cover



7. Route the lead wires as shown.
 1. Place the Sub-lead harness coupler in the vacant space under the coupler of the handle switch (L).
 2. Run the wires on the left side of the coupler for the handle switch (L).



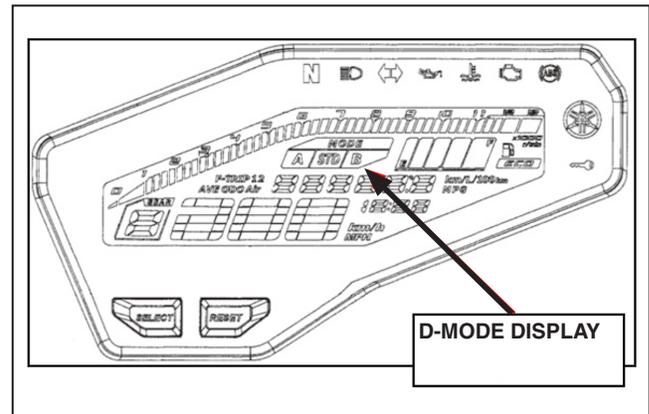
8. Connect the black connector from the new sub-lead harness to the headlight, then reinstall the headlight, reversing the removal procedures.



Operation Check

Start the engine and confirm proper operation of the items below:

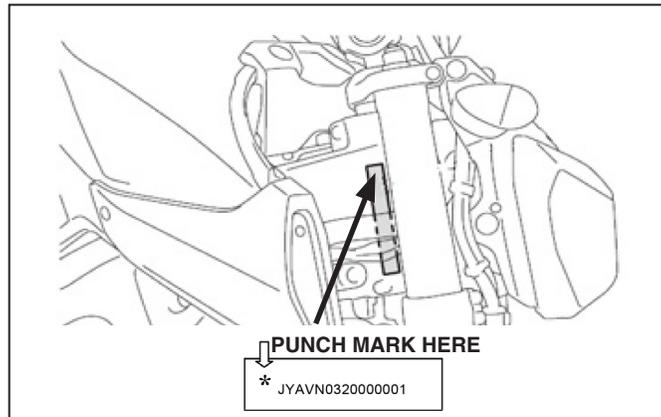
- Headlight (Lo & Hi)
- Flasher
- Hazard
- Horn
- Switching D-Mode





IDENTIFICATION PROCEDURE

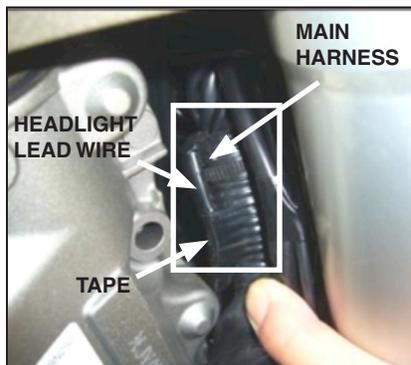
After performing service, make a punch mark in the upper left-hand corner of the vehicle identification number (VIN) as shown in the illustration below. Check for this punch mark if you encounter an unfamiliar unit. You can also check unit status on YDS or by contacting your Regional Technical Advisor.



Identification of the Modification



Non-modified Unit

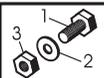


Headlight lead wire is fixed to main harness with tape.

Modified Unit



Headlight lead wire is not fixed to main harness.



PARTS INFORMATION

Order a headlight sub-lead kit for each affected unit.

Part Number	Description	Qty.	Dealer Cost
90891-30095-00	Headlight Sub-Lead Kit Includes: Sub-Lead Harness Tape Clamp	1	\$9.33



WARRANTY INFORMATION

The owner of each registered unit will receive a letter announcing this campaign. The customer's letter includes the Primary ID and Recall Number.

The modification is authorized for all affected motorcycles, both sold and unsold, regardless of ownership or warranty status. You do not need the customer's letter to perform the modification or to file for reimbursement.

Submit a Recall Request for the parts and labor as described below using Recall Number **990087**. The labor allowance is **0.7** hour.

YDS:

When signed onto YDS, click on the Service Tab, and then "Recall Request-Add." This function will allow you to enter multiple Primary IDs for the same recall. Remember, YDS requires a 7-digit serial number, so use a "0" as the first digit. The system will check your submission instantly to make sure the Primary ID numbers you've entered are valid for the recall. You can check back the next day for your claim numbers to track your credit.

MAIL:

Complete a Recall Reimbursement Request (LIT-11790-00-03) as shown below:

Dealer Number							Dealer Name																								
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Recal Number							Primary I.D.							Date Completed						Status											
9	9	0	0	8	7		R	N	3	3	E	-	0	0	0	0	X	X	X	0	9	-	2	6	-	2	0	1	4	M	I
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If you have any questions about proper procedures for Factory Modification Campaigns, see Chapter 7 in your **Warranty and Y.E.S. Handbook** (LIT-11760-00-08).



YAMAHA MOTOR CORPORATION, U.S.A. 6555 Katella Avenue, Cypress, CA 90630-5101 (714) 761-7300

IMPORTANT SAFETY RECALL NOTICE

September 22, 2014

This notice applies to your vehicle, (VIN XXXXXXXXXXXXXXXXXXXX)

Dear Yamaha Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Yamaha Motor Corporation, U.S.A. has decided that a defect which relates to motor vehicle safety exists in 2014 FZ09E ("FZ-09") model motorcycles. Our records show that you own the affected motorcycle shown above.

The reason for this recall:

In affected motorcycles, the headlight lead wire can be stretched when the handlebars are turned fully to the left or right. This is due to insufficient length of the headlight lead wire. If this happens repeatedly, the headlight coupler may disconnect from the headlight bulb or the headlight lead wire may break near the coupler. If this happens, the headlight would malfunction, which could result in the possibility of a crash with injury or death.

What Yamaha and your dealer will do:

To correct this defect, your authorized Yamaha dealer will add a headlight bulb sub-lead harness to provide proper lead wire length. The procedure takes about 45 minutes to perform, but your dealer may need to keep your motorcycle longer depending upon their schedule. **There will be no charge to you for this procedure.**

What you should do now:

Please call your Yamaha dealer to make a service appointment to have this procedure performed. At that same time, you can find out how long they expect to keep your motorcycle for this service. Remember to take this letter with you when you take in your motorcycle.

You should not ride your motorcycle until this modification is performed.

If you are unable to return to the Yamaha dealer who sold you the motorcycle, this service will be performed by any authorized Yamaha Motorcycle dealer. For the name of a dealer near you, call 1-800-88-YAMAHA or visit the Yamaha web site at: www.yamaha-motor.com.

If you have had this repair performed before you received this letter, you may be entitled to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this repair. For more information, contact Yamaha Customer Relations at 1-800-962-7926.

Federal regulations require that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within 10 days.

If you need help:

If, after contacting your dealership, you have questions or concerns which the dealership is unable to answer, please write to:

Yamaha Motor Corporation, U.S.A.
Customer Relations Department
P.O. Box 6555
Cypress CA 90630
or call 1-800-962-7926

If, after contacting Yamaha Customer Relations, you are still not satisfied that we have done our best to remedy the situation without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the Auto Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>. Refer to campaign 014-550.

If you no longer own this Yamaha:

If you have sold your motorcycle to another party, please call us toll-free at 1-800-962-7926 with the name and address of the new owner, along with the serial number shown to the right of your name and address above.

We're sorry to cause you any inconvenience, but we are sincerely concerned about your safety and continued satisfaction with our products. Thank you for giving your attention to this important matter.

Sincerely,
Customer Support Group
Yamaha Motor Corporation, U.S.A.