



**YAMAHA MOTOR CORPORATION, U.S.A.**  
 6655 KATELLA AVENUE, CYPRESS, CALIFORNIA 90630-6101 714/761-7300

September 27, 2004

04V-475  
 (6 pages)

National Highway Traffic Safety Administration  
 Associate Administrator for Safety Assurance  
 400 Seventh Street, SW  
 Washington, DC 20590

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 DEFENSE INVESTIGATION

Regarding: 2005 Model Year  
 Yamaha XT225, XV250 and YW50A  
 Brake Shoe Backing Factory Modification Campaign

Dear Sirs:

The purpose of this correspondence is to provide preliminary information required by 49 CFR 573 and the National Traffic and Motor Vehicle Safety Act regarding a defect notification campaign we are initiating. We thank the Agency for your expedient review and approval of the owner/dealer notification and envelope format. The draft notifications are attached. The envelope format has previously been approved by the Agency for prior campaigns.

- 1. **Manufacturers Name:** Yamaha Motor Company, Ltd.  
 Yamaha Motor Taiwan (YW50A only)
  
- Imported Vehicle Distributor:** Yamaha Motor Corporation, U.S.A.  
 6555 Katella Avenue  
 Cypress, California 90630
  
- 2. **Vehicles Affected:** **Make:** Yamaha  
**Models:** 2005 Model Year  
 XT225T/C, XV250T/C and YW50A Motorcycles
  
- Engine Displacement:** XT225 is 225cc, XV250 is 250cc, YW50 is 50cc  
**Production Period:** August - September 2005

The defective brake shoes were also used in the fabrication of certain off highway motorcycles and ATV's. As these products fall within the jurisdiction of the Consumer Product Safety Commission (CPSC) we are informing them separately and conducting an independent campaign in accordance with that Agencies regulations.

- 3. The campaign relates to the motorcycle rear brake shoes.

4. Total number of subject vehicles: Current estimate: 3,620 to be updated as data is obtained.
5. VIN Range: See tentative range attached in draft Technical Bulletin. This will also be updated as data is obtained.
6. The campaign involves the replacement of the rear brake shoes. Please refer to the attached draft Technical Bulletin which will be furnished to dealers describing same when finalized.
7. Yamaha Motor Corporation, U.S.A. has been informed by the manufacturer, Yamaha Motor Company, Ltd., that such a situation exists. This was determined pursuant to a quality control review.

We anticipate commencing dealer/owner notification as soon as the Owner's letter is approved by NHTSA and the affected VIN range is ascertained and the Technical Bulletin revised. Final copies of these notification documents will be forwarded to the Agency as soon as possible.

In the event we can answer any questions or provide supplemental information, please do not hesitate to contact the undersigned. My direct telephone number is 714-761-7709. The fax number is 714-761-7836. My email is russ\_jura@yamaha-motor.com.

In the event you need a follow-up contact (if I am unavailable), please contact Mike Schmitt at 714-761-7710 (telephone), 714-229-7944 (Fax), michael\_schmitt@yamaha-motor.com (email).

Sincerely,



Russell D. Jura  
Senior Vice President  
and General Counsel

RDJ/dlb  
Enclosures: Technical Bulletin  
Owners Notification  
cc: By Fed Ex and Facsimile  
Defects & Recall Information Analysis Division  
Mr. Jon White  
Mrs. Pat Wallace  
Mrs. Kelly Schuler  
(FAX: 202-366-0699)

## SAFETY RECALL NOTICE

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, USA, has decided that a defect which relates to motor vehicle safety exists in certain 2005 XV250T and TC ("Virago 250") motorcycles, in certain XT225T and TC motorcycles, and in certain YW50T ("Zuma") scooters.

**The reason for this recall:**

These vehicles are equipped with drum-type rear brakes that use friction material on metal brake shoes to provide the stopping power. In some of the affected vehicles, the friction material could separate from the brake shoes because of an improper adhesive-curing process during manufacture. If such separation occurs during operation, braking ability with the rear wheel will be reduced or lost, which could cause an accident resulting in personal injury or death to the operator, passenger, other motorists, or bystanders.

**You should not ride your vehicle until it is modified by a Yamaha dealer.**

**What Yamaha and your dealer will do:**

Your authorized Yamaha dealer will replace the rear brake shoes on your vehicle with new ones. There will be no charge to you for this procedure. The procedure will probably take less than one hour to perform, but your dealer may need to keep your vehicle longer depending upon his schedule.

**What you should do now:**

Please call your Yamaha dealer to make a service appointment to have this procedure performed. You can ask him how long he expects he will need to keep your vehicle for brake replacement. Remember to take this letter with you when you take in your motorcycle or scooter.

If you are unable to return to the Yamaha dealer who sold you the vehicle, 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](http://www.yamaha-motor.com).

**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, USA  
Customer Relations Department  
P.O. Box 6565  
Cypress CA 90630

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, 400 Seventh St. SW, Washington, DC 20690 or call the Auto Safety Hotline at 888-327-4328.

**If you no longer own this Yamaha:**

If you have sold your motorcycle to another party, please call us toll-free at 1-800-227-5963 with the name and address of the new owner, along with the serial number shown above your name on the address label 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, USA

**2005 XV250T ("Virago 250"), XT225T, and YW50T ("Zuma")  
FACTORY MODIFICATION CAMPAIGN**

**INTRODUCTION**

Yamaha Motor Corporation, USA, has determined that a defect which relates to motor vehicle safety exists in certain 2005 XV250T and TC ("Virago 250") motorcycles, in certain XT225T and TC motorcycles, and in certain YW50T ("Zuma") scooters. These vehicles are equipped with drum-type rear brakes that use friction material on metal brake shoes to provide the stopping power. In some of the affected vehicles, the friction material could separate from the brake shoes because of an improper adhesive-curing process during manufacture. If such separation occurs during operation, braking ability with the rear wheel will be reduced or lost, which could cause an accident resulting in personal injury or death to the operator, passenger, other motorists, or bystanders.

To correct this defect, Yamaha is initiating a Factory Modification Campaign. Affected vehicles must have the rear brake shoes replaced with new ones. Yamaha is notifying all registered owners of affected vehicles by mail. A copy of this letter is included in this bulletin. The customer should take the letter along with the affected vehicle to an authorized Yamaha dealer for the modification.

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

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

**Vehicles 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 vehicle to customers until the procedures in this bulletin are performed.**

When the modification on each vehicle is performed, follow the Warranty Information section of this bulletin to receive reimbursement. Be sure to use the Factory Modification Campaign procedures in Chapter 8 of the Warranty and Y.E.S. Handbook (LIT-11790-00-04).

**IMPORTANT:**

Yamaha has issued other Technical Bulletins at this same time which describe the equivalent recall measures for other models:

M2004-00x covers certain PW80T and TT-R90ET off-road motorcycles.

AT2004-00x covers certain YFM125GT and YFM125GHT ("Grizzly 125") ATVs.

**DEALER ACTION SUMMARY**

**Modify:** All XV250T ("Virago 250"), XT225T, and all YW50T ("Zuma") units in the affected ranges. Before modifying an unfamiliar unit, check for a punch mark next to the VIN on the frame to see if the inspection has already been done (see *Identification Procedure* in this bulletin).

**Parts Required:** Order a new set of rear brake shoes for each affected unit.

**Warranty:** Factory Modification Campaign. See the Warranty Information section of this bulletin.)

**Notify Customers:** Yes. You must immediately contact any customer whose vehicle shows as unregistered on the enclosed report. Yamaha has sent letters to customers whose vehicles were registered for warranty as of xxhxx04.

#### AFFECTED RANGE

XV250T	2UJ-055135-055676
XV250TC	3BG-010641-010660
XT225T	4BE-070463-070784
XT225TC	4BE-070785-070804
YW50T	SA20A-600101-603181

#### SERVICE PROCEDURE

Refer to the Service Manual for specific brake removal and reinstallation procedures. The XV250T Service Manual is LIT-11616-XV-25. The XT225T Service Manual is LIT-11616-XT-25. The YW50T Service Manual is LIT-11616-15-39.

1. Replace the rear brake shoes with new ones.
2. Using a hacksaw, cut off a portion of the rounded end of each of the brake shoes that were removed to prevent their accidental reuse (see photo).
3. After the modification is performed, put a punch mark above the frame number as described in *Inspection Procedure* below.

#### INSPECTION PROCEDURE

After inspection or modification, put a punch mark above the frame number (VIN) as shown.

[illustrations from 3 manuals]

#### PARTS INFORMATION

Order a new Brake Shoe Kit for each affected unit. Also order other parts as shown in the list below. Properly manufactured brake shoes have a blue dot above "YAMAHA" on the metal portion of the shoe as shown in the photo.

Affected Models	Part Number	Description	Dealer Cost
XV250T and TC	3LS-W253E-00-00	Brake Shoe Kit	\$10.34
	91490-30030-00	Cotter Pin	\$0.68
XT225T and TC	4BE-W253E-00-00	Brake Shoe Kit	\$9.67
YW50T	5DV-W253E-02-00	Brake Shoe Kit	\$18.67
	90201-14740-00	Plate Washer	\$0.39

## WARRANTY INFORMATION

The owner of each warranty-registered affected unit will receive a letter announcing this campaign. The letter has a label that includes the Primary ID and Recall Number. Use this information when submitting for reimbursement as described below.

The modification is authorized for all affected vehicles, 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.

### Brake Shoes Replacement

After modification, submit a Recall Request using Recall Number 990030x. Choose the status "M." You will be reimbursed for parts and labor as follows:

XV250T:	0.6 hour of labor plus the brake shoes, cotter pin, and your parts handling fee.
XT225T:	0.8 hour of labor plus the brake shoes and your parts handling fee.
YW50T:	0.6 hour of labor plus the brake shoes, plate washer, and your parts handling fee.

### YDS:

When signed on to YDS, click on the Service Tab, and then "Recall Request-Add." This function has recently been improved to allow you to enter multiple Primary IDs for the same recall. Remember that YDS now 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-11790-00-97) as shown below:

[Sample]

If you have any questions about proper procedures for Factory Modification Campaigns, see Chapter 8 in your Warranty and Y.E.S. Handbook (LIT-11760-00-03).