



YAMAHA MOTOR CORPORATION, U.S.A.
6555 KATELLA AVENUE, CYPRESS, CALIFORNIA 90630-5101 714/761-7300

September 27, 2006

06V-371
(7 Pages)

Via Federal Express and Facsimile (202 366 7882)
National Highway Traffic Safety Administration
Associate Administrator for Safety Assurance
400 Seventh Street, SW
Washington, DC 20590

Regarding: 2004 and 2005 Model Year Yamaha YZFR1 and FZS600
2003 through 2005 Model Year Yamaha FJR1300
2002 through 2005 Model Year Yamaha XV1700
Throttle Position Sensor Factory Modification Campaign

Dear Sir/Madam:

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 are attaching a current draft of the dealer technical bulletin and draft owners notification for informational purposes. We will send under separate cover the owners notification for Agency review/ approval prior to close of business this week. The envelope format has previously been approved by the Agency for prior campaigns.

1. **Manufacturers Name:** Yamaha Motor Company, Ltd.
2500 Shingai
Iwata, Japan

Imported Vehicle Distributor: Yamaha Motor Corporation, U.S.A.
6555 Katella Avenue
Cypress, California 90630
2. **Vehicles Affected:** **Make:** Yamaha
Models: 2004/2005 Model Year
YZFR1 & FZS600 motorcycles,
2003, 2004 & 2005 Model Year
FJR1300 motorcycles,
2002, 2003, 2004 & 2005 Model Year
XV 1700 motorcycles

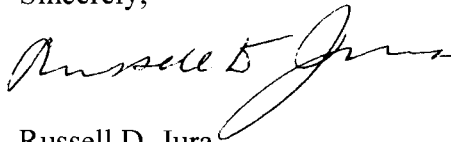
Nominal Engine Displacement: YZFR1 is 1000cc, FZS600 is 600cc,
FJR1300 is 1300cc and XV1700 is 1700cc
Production Period: November 2002 – March 2005

3. The campaign relates to the motorcycle's throttle position sensor (TPS).
4. Total number of subject vehicles: Current estimate: 39,000 units. This will be updated in a supplemental report as we finalize the affected VIN range.
5. VIN Range: See tentative range attached in draft Technical Bulletin. Likewise this will be updated in a subsequent report as data is confirmed.
6. The campaign involves the replacement of the throttle position sensor (TPS). Please refer to the attached draft Technical Bulletin which will be furnished to dealers upon completion describing the situation which is the subject of the campaign.
7. On September 22, 2006, Yamaha Motor Corporation, U.S.A. was informed by the manufacturer, Yamaha Motor Company, Ltd., that such a situation exists. This was determined pursuant to a quality control review, testing, collaborating with NHTSA on PE06020 and a review of models that use a substantially similarly part design.

We anticipate commencing dealer/owner notification shortly after the owner's notification letter is approved by NHTSA, the affected VIN range is ascertained and the Technical Bulletin revised. We anticipate sending the Agency the owner's notification letter for review/approval by 9-29-06. Assuming the Agency can approve the letter within 5 days of receipt (perhaps 10-6-06) we will have the letter and Technical Bulletin printed. Normal turn-around time is 3 working days for such printing. Hence the materials will be ready for mailing approximately 10-11-06. 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 or contact Brad Franklin at 714-761-7842 (telephone), 714-229-7944 (Fax), brad_franklin@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)
Mr. Robert Young (via email)

Technical BULLETIN

©2006 YAMAHA MOTOR CORPORATION, USA

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 from now on.

2004~2005 YZF-R1, 2004~2005 FZ6, 2002~2005 XV1700PC, and 2003~2005 FJR1300/A FACTORY MODIFICATION CAMPAIGN – Unstable Engine Idling



INTRODUCTION

Yamaha Motor Corporation, U.S.A. has determined that a defect which relates to motor vehicle safety exists in all 2004 and certain 2005 YZF-R1 motorcycles, in all 2004 and certain 2005 FZS600 motorcycles, in all 2002 through 2004 and certain 2005 XV1700PC motorcycles, and also in all 2003 through 2004 and certain 2005 FJR1300 and FJR1300A motorcycles.

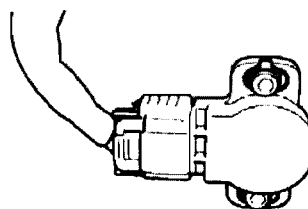
In affected motorcycles, an improperly designed Throttle Position Sensor (TPS) could cause an intermittently unstable idle when the engine is at idling speed when the motorcycle is stopped or during low-speed operation. The engine could stall as a result. If the engine stalls after the operator disengages the clutch in a low gear while riding, the rear tire might slip momentarily if the operator abruptly re-engages the clutch. This could result in an accident with injury or death.

To correct this defect, Yamaha is initiating a Factory Modification Campaign. Unmodified affected motorcycles must have TPS replaced with a new one.

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

IMPORTANT: Some YZF-R1 and FZ6 motorcycles were modified according to Technical Bulletin M2006-011 reimbursed with a 90TS-code claim. The procedure and new parts used are the same as those in this recall. Units modified with a new TPS before this recall was announced do not require any additional action now. Effective xx/xx/2006, the previous Technical Bulletin M2006-011 is no longer valid and the 90TS code can no longer be claimed. Make a note on your copy of M2006-011 to refer to this bulletin instead.

PRIMARY TPS



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 is 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 will also require modification. If you purchase a motorcycle from another dealer, 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 motorcycles 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 8 of the **Warranty and Y.E.S. Handbook** (LIT-11760-00-04).



DEALER ACTION SUMMARY

Unsold

Units: Exchange the TPS during predelivery set-up on all affected units if not previously done according to Technical Bulletin M2006-011.

Sold

Units: Replace the TPS on all units in the affected range, whether or not unstable idle has been experienced. A letter is being mailed to all registered customers. A copy of the letter is included in this bulletin. Please contact any customers whose units were registered for warranty after xx/xx/06. Before beginning the modification, verify that the modification has not been performed already by checking YDS and the motorcycle (refer to *Identification Procedure* section, page 3).

Parts

Required: Yes, order one TPS per unit.

Warranty: Factory Modification Campaign. See the Warranty Information section of this bulletin. This modification applies to all affected units not previously modified regardless of ownership or warranty status.



AFFECTED RANGE

YZF-R1		Road Star Warrior	
2004	YZF-R1S/SC	All	2002 XV1700PCP/PCPC All
2005	YZF-R1T	RN13E-0007911~0012965	2003 XV1700PCR/PCRC All
	YZF-R1TC	RN13Y-0001423~0003392	2004 XV1700PCS/PCSC All
FZ6			2005 XV1700PCT VP14E-0010009~0012298
2004	FZS600S/SC	All	XV1700PCTC All
2005	FZS600T	RJ08E-0002249~0004781	
	FZS600TC	RJ08Y-0000303~0000770*	FJR1300/A
			2003 FJR1300R/RC All
			2004 FJR1300S/SC/AS/ASC All
			2005 FJR1300T RP07E-0002237~0003981
			FJR1300TC RP07Y-0000400~0000661
			FJR1300AT RP09E-0000873~0002293
			FJR1300ATC RP09Y-0000181~0000510

*NOTE: This affected range is different from that provided in M2006-011.



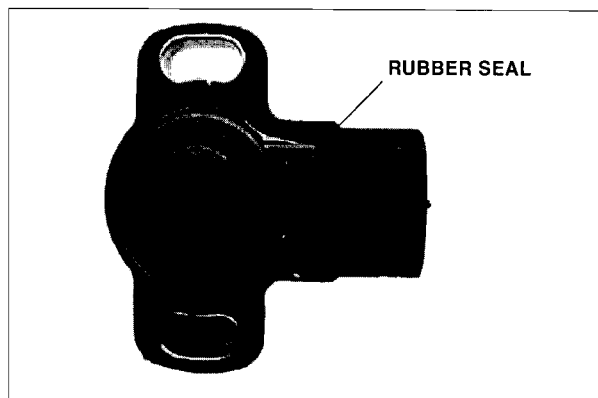
SERVICE PROCEDURES

To replace the TPS, follow the applicable Service Manual:

YZF-R1	LIT-11616-17-55
FZ6	LIT-11616-17-50
XV1700PC	LIT-11616-RS-W0
FJR1300/A	LIT-11616-FJ-02

⚠ WARNING

Be sure to remove the old TPS seal from the throttle body if it did not come off with the TPS. Otherwise, the leftover seal may cause the new TPS to exhibit an unstable idle.

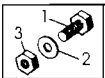
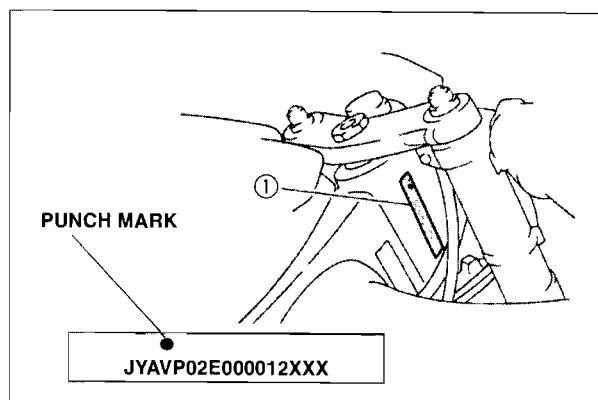


IDENTIFICATION PROCEDURE

When the modification is complete, put a punch mark above the VIN (frame number) ① as shown.

Before modifying a unit, check for this punch mark.

NOTE: On YZF-R1 and FZ6 motorcycles, also check for a punch mark at the beginning of the VIN which would indicate that the procedure was done under the original Technical Bulletin M2006-011 (2004 YZF-R1 models would have two punch marks). If you have any question about whether or not a unit is modified, check YDS or contact your Regional Technical Advisor.



PARTS INFORMATION

Part Number	Description	Application	Qty.	Dealer Cost
5FL-85885-02-00	TPS (includes new seal)	YZF-R1 FZS600	1	\$70.99
5PX-85885-01-00	TPS (includes new seal)	XV1700PC	1	\$70.99
5PS-85885-01-00	TPS (includes new seal)	FR1300/A	1	\$66.71



WARRANTY INFORMATION

The owner of each warranty-registered unit shown as not modified in our records 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 unmodified 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.

NOTE: Completing this recall modification is not necessary on affected YZF-R1 or FZ6 motorcycles if the TPS was already completed and claimed using Problem Code 90TS per the previous M2006-011 bulletin. However, effective xx/xx/2006, Technical Bulletin M2006-011 and Problem Code 90TS are no longer valid.

Submit a Recall Request for the TPS replacement as described below using Recall Number **9900xx**. Choose the status "**M**." You will be reimbursed for **1.2** hours of labor, plus the cost of the TPS kit and your handling fee.

YDS:

When signed on to 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 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-11790-00-03) as shown below:

Dealer Number		Dealer Name					
<input type="text"/>		<input type="text"/>					
Recal Number		Primary I.D.		Date Completed		Status	
9 9 0 0 3 3		A 6 0 1 Y - 0 1 1 6 X X X		1 0 - 0 7 - 2 0 0 5		<input checked="" type="radio"/> M I	
		-				<input type="radio"/> M I	

If you have any questions about proper procedures for Factory Modification Campaigns, see Chapter 8 in your Warranty and Y.E.S. Handbook (LIT-11760-00-04).



YAMAHA

CUSTOMER SUPPORT GROUP

6555 Katella Avenue, Cypress, California 90630-5101 (714) 761-7300

SAFETY RECALL NOTICE

XX, XX, 2006

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 determined that a defect which relates to motor vehicle safety exists in all 2004 and certain 2005 YZF-R1 motorcycles, in all 2004 and certain 2005 FZS600 motorcycles, in all 2002 through 2004 and certain 2005 XV1700PC motorcycles, and also in all 2003 through 2004 and certain 2005 FJR1300 and FJR1300A motorcycles.

Our records show that you own one of these motorcycles.

**The reason for
this call:**

In affected motorcycles, an improperly designed Throttle Position Sensor (TPS) could cause an intermittently unstable idle when the engine is at idling speed when the motorcycle is stopped or during low-speed operation. The engine could stall as a result. If the engine stalls after the operator disengages the clutch in a low gear while riding, the rear tire might slip momentarily if the operator abruptly re-engages the clutch. This could result in an accident with injury or death.

A special note to YZF-R1 and FZ6 owners: If you responded to a previous letter from Yamaha dated July 26, 2006, regarding the TPS, and your dealer has already replaced the TPS assembly on your motorcycle, you do not need to respond to this letter because it involves the same modification.

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

To correct this defect, your authorized Yamaha dealer will replace the Throttle Position Sensor. **There will be no charge to you for this procedure.** The procedure takes approximately 1 hour and 45 minutes to perform, depending upon the model, but your dealer may need to keep your motorcycle 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. At that same time, you can find out how long he expects he will need 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 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

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 20590 or call the Auto Safety Hotline at 1-888-327-4236.

**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, U.S.A.

ROUTE TO: ☒ SERVICE ☒ PARTS ☒ WARRANTY ☒ SALES

PAGE 5 of 5