



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

October 16, 2006

**VIA FACSIMILE (202) 366-7882, Attn: Associate Administrator**  
**ALSO VIA FIRST CLASS MAIL**

Associate Administrator for Safety Assurance (NVS-215)  
National Highway Traffic Safety Administration  
400 7<sup>th</sup> Street SW  
Washington, DC 20590

RECEIVED  
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**Regarding: 06V-371**

Dear Sir/Madam,

First, we thank the Agency for their review and approval of our proposed owner's notification. Enclosed please find hard copies of the Technical Bulletin issued to our dealers as well as the approved owner's letter. All Yamaha motorcycle and scooter dealers will receive this Technical Bulletin. To facilitate repairs, dealers invoiced affected products under this recall receive an additional Bulletin with a print-out of the affected VIN's for the units they have received. The mailing of both the dealer Bulletin and owner's letter will be completed approximately on 10-16-06, so your assumption is correct as to the timing of our quarterly reports.

The determination date for this campaign was 9-22-06. The starting production period for the vehicles was November 2002, ending in March, 2005. As this campaign is international in scope we could only provide in our initial report an estimate of affected vehicles in the U.S. We are now obviously in a position to provide the accurate range. The Technical Bulletin provides the final VIN ranges by model with a combined total of 39,757 vehicles in the U.S. For TREAD purposes obviously it goes without saying similar campaigns are being conducted in other jurisdictions.

In the event I can provide further information or answer any questions please do not hesitate to contact the undersigned.

Sincerely,

Russell D. Jura  
Senior Vice President  
and General Counsel

RDJ/lmf

Enclosures: Technical Bulletin  
Owners Letter

# Technical BULLETIN

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## 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

### i

#### INTRODUCTION

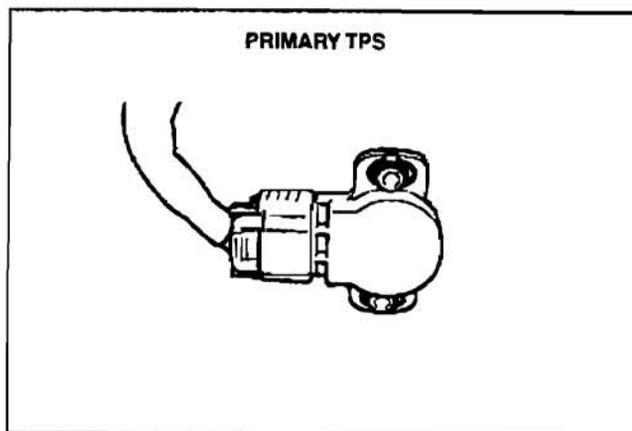
Yamaha Motor Corporation, U.S.A. has decided that a defect which relates to motor vehicle safety exists in all 2004 and certain 2005 YZF-R1 motorcycles, in all 2004 and certain 2005 FZS600 motorcycles, in all 2002 through 2004 and certain 2005 XV1700PC motorcycles, and also in all 2003 through 2004 and 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 a vehicle crash 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 YFZ-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 10/16/2006, 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.



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 10/12/06. 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

<b>YZF-R1</b>			<b>Road Star Warrior</b>		
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
			2005	XV1700PCT	VP14E-0010009-0012298
				XV1700PCTC	All
<b>FZ6</b>			<b>FJR1300/A</b>		
2004	FZS600S/SC	All	2003	FJR1300R/RC	All
2005	FZS600T	RJ08E-0002249-0004781	2004	FJR1300S/SC/AS/ASC	All
	FZS600TC	RJ08Y-0000303-0000770*	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.



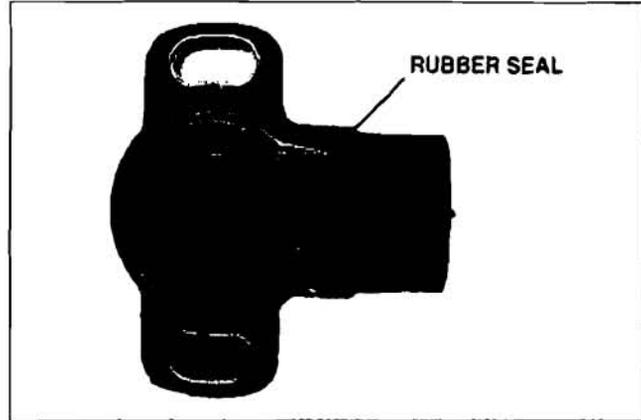
## SERVICE PROCEDURES

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.

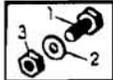
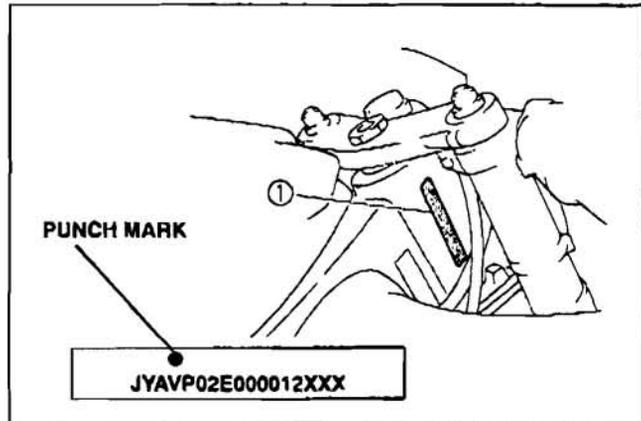


## IDENTIFICATION PROCEDURE

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 10/16/2006, 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 **990034**. 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													
Recal Number				Primary I.D.							Date Completed				Status		
9	9	0	0	R	N	1	3	0	0	0	7	1	0	-	1	M	I
3	4			-				2	0	0	6						

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).



CUSTOMER SUPPORT GROUP

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

### SAFETY RECALL NOTICE

October 13, 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 decided 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 a vehicle crash 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](http://www.yamaha-motor.com).

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

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 Street, SW., 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>.

**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