

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.

CERTAIN 2016~2021 MODEL FJR1300A, FJR1300AE, AND FJR1300PA MOTORCYCLES

FACTORY MODIFICATION CAMPAIGN - Rev-Limit Condition Under Specific Shifting Operation

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INTRODUCTION

Yamaha Motor Corporation, U.S.A. has decided that a defect that relates to motor vehicle safety exists in certain 2016~2021 model FJR1300A, FJR1300AE, and FJR1300PA motorcycles.

In affected motorcycles, when the rider is shifting into second gear under certain conditions, such as if the throttle is applied before the clutch is fully engaged, causing unusually high rpm, the Engine Control Unit (ECU) will react by limiting the maximum engine speed available. This is due to rev-limiter programming intended to protect second gear components from abnormal stress. However, this rev-limiter programming may be overly restrictive, possibly preventing the acceleration performance the rider anticipates, increasing the risk of a crash.



To correct this defect, Yamaha is initiating a Factory Modification Campaign. Affected units must have the ECU reflashed with the updated programming that Yamaha has tested to provide a slightly improved calibration while still providing second gear protection.

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

If your dealership was invoiced for one or more affected units, a computer report listing all affected motorcycles invoiced to your dealership is included with a mailed copy of 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* P/N: (LIT-11760-00-21).



DEALER ACTION SUMMARY

Unsold &

Sold Units: Use YDS Unit Status to check to be sure the unit is affected and that it is not already modified. If the unit is affected, reflash the ECU with the new software update.

Parts

Required: No.

Warranty: Factory Modification Campaign. 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 FJR1300 shows as unregistered on the report enclosed with the mailed copy of this bulletin. Yamaha has sent letters to customers whose motorcycles were registered with Yamaha as of 11/29/2021.



AFFECTED RANGE

Check Unit Status on YDS to make sure the Primary ID (PID) is in the Affected Range and is eligible for this repair. The affected unit ranges for this issue are:

Model Year	Model	Model Code	Primary ID		
			Prefix	From	To
2016	FJR1300A	B883	RP29E	0000002	0000822
2018		B88E			
2019		B88J			
2016	FJR1300A	B884	RP29Y	0000002	0000151
2018		B88F			
2019		B88K			
2016	FJR1300AE	B963	RP30E	0000001	0001165
2017		B967			
2018		B96D			
2019		B96H			
2020		B96M			
2021		B96T			
2016	FJR1300AE	B964	RP30Y	0000006	0000242
2017		B968			
2018		B96E			
2019		B96J			
2020		B96N			
2021		B96U			
2018	FJR1300PA	B9R1	RP31Y	0000003	0000092
2020		B9R3			

IMPORTANT: Affected Primary IDs may not be consecutive. Always check YDS Unit Status before starting any repair.



SERVICE PROCEDURES

Reflash the ECU with the corresponding software update using YDT version 3.1.14 or above (earlier versions will not have access to the portal which has the reprogram file). The previously published ECU reprogramming file has been superseded to the latest program.

NOTE:

- Make sure the battery is well-charged or connect a battery charger if necessary. Otherwise the reprogramming process may be halted and not completed.
- The ECU program cannot be rewritten back to the previous program.
- After finishing the reprogramming, error code P0606 will remain in the ECU's malfunction history. There is no trouble on the unit; therefore, please erase this malfunction code using YDT.
- ECU reprogramming DOES NOT alter any emissions certification settings.

Model	Model Code	ECU Part Number	Software Number	Software Ver.	File No.
FJR1300A, FJR1300PA	B883	B88-8591A-10	Before: 12208040	Before: 00	202110_ B883_01.rpf
	B884		After: 12208201	After: ↑	
	B88E	B88-8591A-50	Before: 12208140	Before: 00	
	B88F		After: 12208201	After: ↑	
	B88J	B88-8591A-51	Before: 12208140	Before: 00	
	B88K		After: 12208201	After: ↑	
	B9R1	B88-8591A-80	Before: 12208200	Before: 00	
B9R3	After: 12208201		After: ↑		
FJR1300AE (US)	B963	B96-8591A-10	Before: 12246040	Before: 00	202110_ B963_01.rpf
	B964		After: 12246201	After: ↑	
	B967				
	B968	B96-8591A-50	Before: 12246040	Before: 00	
	B96D		After: 12246201	After: ↑	
	B96E				
	B96H	B96-8591A-51	Before: 12246040	Before: 00	
	B96J		After: 12246201	After: ↑	
	B96M				
	B96N	B96-8591A-80	Before: 12246200	Before: 00	
	B96T		After: 12246201	After: ↑	
B96U					

After reprogramming the ECU, confirm the software version number as shown to the right. Refer to the software version number list shown in the table on page 3.

Sample

ECU information	Before reprogramming	After reprogramming
ECU hardware serial number	FFFFFFF	FFFFFFF
VIN/PID	JYARP31Y6LA000071	JYARP31Y6LA000071
ECU hardware number	FFFFFFF	FFFFFFF
ECU software number	12208200	12208201
ECU software version number	00	00
ECU model code	B883	B883
Adapter Interface serial number	37018788	18012011
Reprogram date	20210304	20211119
Protocol version	0C010001	0C010001



IDENTIFICATION PROCEDURE

After completing the procedure, make sure to properly record and submit the warranty claim for this campaign to ensure correct reimbursement and to update the vehicle's repair history in Yamaha's database.

Refer to the chart on page 3 if you encounter an unfamiliar unit and want to confirm that the ECU programming is the current version.



WARRANTY INFORMATION

The owner of each registered vehicle will receive a letter announcing this campaign. The customer's letter includes the Vehicle Identification Number 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 inspection/modification or to file for reimbursement.

Submit a Recall Claim as described below using Campaign Number **990152**. The labor allowance is **0.3 hours**. To submit your Recall Claim on YDS, go to *Service > Warranty Claims / Authorization > Claims / Authorization > New*. Then, from the menu, select *Recall / Service per Bulletin*.

If you have any questions about proper procedures for Factory Modification Campaigns, see Chapter 7 in your Warranty and Y.E.S. Handbook (LIT-11760-00-21).



YAMAHA MOTOR CORPORATION, U.S.A. 6555 Katella Avenue, Cypress, CA 90630-5101 800-962-7926

IMPORTANT SAFETY RECALL

This notice applies to your motorcycle, VIN xxxxxxxxxxxxxxxx **Model:**

November 30, 2021
990152

Dear Yamaha Owner:

Yamaha Motor Corporation, U.S.A. has decided that a defect that relates to motor vehicle safety exists in 2016~2021 model FJR1300A, FJR1300AE, and FJR1300PA motorcycles. Our records indicate that you own the affected vehicle shown above.

The reason for this recall: In affected motorcycles, when the rider is shifting into second gear under certain conditions, such as if the throttle is applied before the clutch is fully engaged, causing unusually high rpm, the Engine Control Unit (ECU) will react by limiting the maximum engine speed available. This is due to rev-limiter programming intended to protect second gear components from abnormal stress. However, this rev-limiter programming may be overly restrictive, possibly preventing the acceleration performance the rider anticipates, increasing the risk of a crash.

What Yamaha and your dealer will do: Your authorized Yamaha dealer will have the ECU reflashed with updated programming Yamaha has tested to provide a slightly improved calibration while still providing second gear protection. **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 vehicle for this service. Remember to take this letter with you when you take in your vehicle.

You should not operate your affected motorcycle, shown above, other than to take it to a dealer, until this inspection and, if necessary, modification is performed.

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.

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 NHTSA recall number 21V-865.

If you no longer own this Yamaha: If you have sold your FJR1300 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 Vehicle Identification Number (VIN) shown above your name on this letter.

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,
Motorsports Service Support
Yamaha Motor Corporation, U.S.A.