

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 2021 AND 2022 MODEL MT09M/MC/N/NC (MT-09), MT09SPM/MC/N/NC (MT-09 SP), AND MTT9GTM/MC/N/NC (TRACER 9 GT) MOTORCYCLES FACTORY MODIFICATION CAMPAIGN – Limited Throttle Response / Engine Stall – ECU Reprogramming

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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 2021 and 2022 model MT09M/MC/N/NC (MT-09), MT09SPM/MC/N/NC (MT-09 SP), and MTT9GTM/MC/N/NC (Tracer 9 GT) motorcycles.

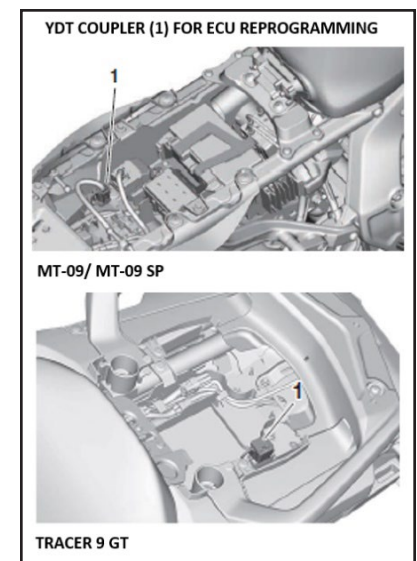
In affected motorcycles, due to improper ECU programming, the engine could stall if the clutch lever was not fully pulled in during downshifting or if the throttle was opened just slightly from idle. Also, due to this improper programming, throttle response could be limited if the throttle was closed fully during deceleration, a condition that would be accompanied by the engine trouble warning light coming on. Or, in another situation, the engine trouble warning light may not come on at all to alert the operator if an actual component or system error exists. Any of these conditions could result in loss of control and a crash with severe injury or death.

To correct this defect, Yamaha is initiating a Factory Modification Campaign. Affected units must have the ECU reprogrammed ("reflashed") with an update according to the instructions in this bulletin.

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 this 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.

NOTE: On 2021 model MTT9GTM/MC (Tracer 9 GT) motorcycles, check to see if the unit you are modifying is also affected by the Factory Modification Campaign for the throttle grip tube announced in Technical Bulletin M2022-005R. Perform both procedures at the same time for customer convenience and shop efficiency.

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-11760-00-21).



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; confirm by checking the motorcycle according to the *Identification Procedure* section of this bulletin. If the unit is affected and unmodified, reprogram the ECU.

IMPORTANT: Customers with unauthorized, aftermarket ECU modifications may experience issues once the ECU reprogramming required by this recall is performed. Yamaha cannot participate in accommodating any unauthorized ECU changes. Therefore, damage resulting to an ECU during recall reprogramming because of previous unauthorized modification is the customer's responsibility.

Parts: 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 affected motorcycle 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 3/16/2022.



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:

Year	Model	Model Code	Primary ID		
			Prefix	From	To
2021~2022	MT09M/N	B7N4, B7NF	RN71E	0000301	0002256
	MT09MC/NC	B7N5, B7NG	RN71Y	0000301	0000641
	MT09SPM/N	BAM4, BAMB	RN72E	0000301	0000885
	MT09SPMC/NC	BAM5, BAMC	RN72Y	0000301	0000425
	MTT9GTM/N	BAP5, BAPD	RN74E	0000301	0000955
	MTT9GTMC/NC	BAP6, BAPE	RN74Y	0000301	0000458

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



SERVICE PROCEDURE

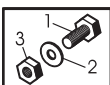
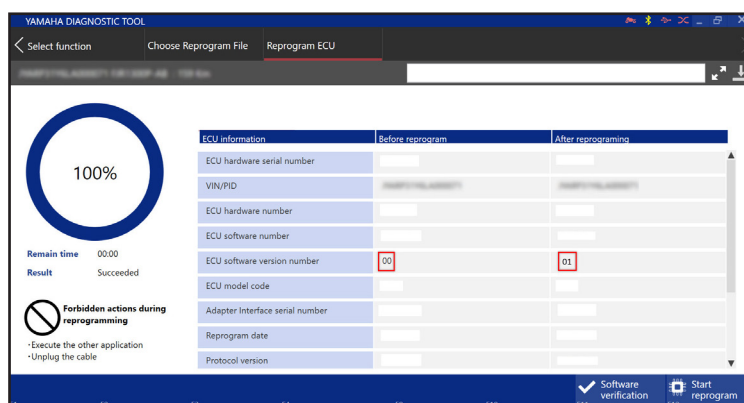
Reprogram the ECU with the corresponding software update using YDT version 3.1.14 or later.

NOTE:

- Make sure the battery is well-charged or connect a battery charger if necessary. Otherwise, the reprogramming process may stop and not complete.
- The ECU program cannot be rewritten back to the previous program.
- ECU reprogramming DOES NOT alter any emissions certification settings.
- 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.

Model	Model Code	ECU Part Number	Software Number	Software Version*	File Name
MT09M	B7N4 B7NF	B7N-8591A-11-00	Before: 121DE040 After: 121DE041	Before: 00 After: 01	202201_B7N4_01.rpf
MT09MC	B7N5 B7NG	B7N-8591A-61-00	Before: 121DE180 After: 121DE181	Before: 00 After: 01	202201_B7N5_01.rpf
MT09SPM	BAM4 BAMB	BAM-8591A-11-00	Before: 1245D040 After: 1245D041	Before: 00 After: 01	202201_BAM4_01.rpf
MT09SPMC	BAM5 BAMC	BAM-8591A-61-00	Before: 1245D180 After: 1245D181	Before: 00 After: 01	202201_BAM5_01.rpf
MTT9GTM	BAP5 BAPD	BAP-8591A-11-00	Before: 12460040 After: 12460041	Before: 00 After: 01	202201_BAP5_01.rpf
MTT9GTMC	BAP6 BAPE	BAP-8591A-61-00	Before: 12460180 After: 12460181	Before: 00 After: 01	202201_BAP6_01.rpf

*After reprogramming, you can confirm the Software Version number as shown below.



PARTS INFORMATION

Parts are not required for this modification.



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.



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 modification or to file for reimbursement.

Submit a Recall Claim as described below for labor using Campaign Number **990158**. 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*.

Add New Claim / Authorization

Warranty Claim

- Warranty / Y.E.S. Claim - If request is under \$1500
- Recall / Service per Bulletin
- Parts and ACC Quality Assurance Claim

Warranty Authorization

- Warranty / Y.E.S. Authorization - If request is \$1500 or over
- Out of Warranty Authorization
- Un-Registered / Un-Sold Unit Authorization

Shipping Damage

Shipping Damage Policies and Procedures

- Visible Damage Authorization - Pictures Required
- Concealed Damage Claim \$349 and under
- Concealed Damage Authorization \$350 and over - Pictures Required
- Missing Parts Claim \$349 and under
- Missing Parts Authorization \$350 and over

CONTINUE

Add New Claim / Authorization

Unit Recall/Service Campaign

ENTER CAMPAIGN CODE (990158) HERE

This screen allows you to enter Recall Request information for single or multiple Primary IDs.
NOTE: The same recall information will be used for all of the primary IDs provided.

*Campaign #:

Primary ID:

(OR) VIN/HIN:

*Finish Date:

*Miles or Hours:

STEP 1: GET REPAIR OPTIONS >>

STEP 2: ADD >>

STEP 3: SUBMIT

Primary ID	Finish Date	Miles or Hours

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 NOTICE

This notice applies to your vehicle, VIN xxxxxxxxxxxxxxxxx

Model:

March 17, 2022
990158

Dear Yamaha Owner:

Yamaha Motor Corporation, U.S.A. has decided that a defect that relates to motor vehicle safety exists in certain 2021 and 2022 model MT09M/MC/N/NC (MT-09), MT09SPM/MC/N/NC (MT-09 SP), and MTT9GTM/MC/N/NC (Tracer 9 GT) motorcycles. Our records indicate that you own the affected vehicle shown above.

The reason for this recall:

In affected motorcycles, due to improper ECU programming, the engine could stall if the clutch lever was not fully pulled during downshifting or if the throttle was opened just slightly from idle. Also, due to this improper programming, throttle response could be limited if the throttle was closed fully during deceleration, a condition that would be accompanied by the engine trouble warning light coming on. Or, in another situation, the engine trouble warning light may not come on at all to alert the operator if an actual component or system error exists. Any of these conditions could result in loss of control and a crash with severe injury or death.

What Yamaha and your dealer will do:

Your authorized Yamaha dealer will reprogram ("reflash") the ECU with an update. The reprogramming takes approximately 20 minutes to perform, but your dealer may need to have your motorcycle longer than this, depending upon scheduling. **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 modification is performed. Contact your dealer or Yamaha if you need assistance in having it towed or otherwise transported to your service appointment.

IMPORTANT NOTE: Some customers with unauthorized, aftermarket ECU modifications may experience issues once the ECU reprogramming required by this recall is performed. Yamaha cannot participate in accommodating any unauthorized ECU changes. Therefore, damage resulting to an ECU during recall reprogramming because of previous unauthorized modification is the customer's responsibility.

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.

Be aware that certain 2021 model Tracer 9 GT motorcycles are also affected by a Safety Recall regarding the throttle tube. If you have this model and it is affected, you will get a second letter from Yamaha. Have your dealer confirm if your motorcycle is affected by both recalls and perform them at the same time for your convenience.

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 22V-130.

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 Vehicle Identification Number 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.