

# Part 573 Safety Recall Report

## 22V-130

**Manufacturer Name :** Yamaha Motor Corporation, USA

**Submission Date :** MAR 07, 2022

**NHTSA Recall No. :** 22V-130

**Manufacturer Recall No. :** 990158



### Manufacturer Information :

**Manufacturer Name :** Yamaha Motor Corporation, USA

**Address :** 6555 Katella Avenue  
Cypress CA 90630-5101

**Company phone :** 800-962-7926

### Population :

**Number of potentially involved :** 3,594

**Estimated percentage with defect :** 100 %

### Vehicle Information :

**Vehicle 1 :** 2021-2022 Yamaha MT09 and MTT9GT (Tracer) motorcycles

**Vehicle Type :** MOTORCYCLES

**Body Style :** OTHER

**Power Train :** GAS

**Descriptive Information :** 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.

**Production Dates :** NOV 10, 2020 - FEB 09, 2022

**VIN Range 1 : Begin :** JYARN71E2MA000301 **End :** JYARN71E2NA0001840

☒ Not sequential

**VIN Range 2 : Begin :** JYARN71YXMA000301 **End :** JYARN71YXNA000641

☒ Not sequential

**VIN Range 3 : Begin :** JYARN72E4MA000301 **End :** JYARN72EXNA000885

☒ Not sequential

**VIN Range 4 : Begin :** JYARN72Y1MA000301 **End :** JYARN72Y6NA000425

☒ Not sequential

**VIN Range 5 : Begin :** JYARN74E8MA000301 **End :** JYARN74E9NA000955

☒ Not sequential

**VIN Range 6 : Begin :** JYARN74Y5MA000301 **End :** JYARN74Y3NA000458

☒ Not sequential

**Description of Defect :**

Description of the Defect : 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.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : 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

Description of the Cause : improper ECU programming

Identification of Any Warning that can Occur : engine trouble warning light would illuminate

**Involved Components :**

Component Name 1 : ECU

Component Description : Electronic Control Unit

Component Part Number : B7N-8591A-11-00

Component Name 2 : ECU

Component Description : Electronic Control Unit

Component Part Number : B7N-8591A-61-00

Component Name 3 : ECU

Component Description : Electronic Control Unit

Component Part Number : BAM-8591A-11-00

Component Name 4 : ECU

Component Description : Electronic Control Unit

Component Part Number : BAM-8591A-61-00

Component Name 5 : ECU

Component Description : Electronic Control Unit

Component Part Number : BAP-8591A-11-00

Component Name 6 : ECU

Component Description : Electronic Control Unit

Component Part Number : BAP-8591A-61-00

### Supplier Identification :

#### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

### Chronology :

February 2022, Yamaha Motor corporation USA was informed by the manufacturer, Yamaha Motor Co., LTD that such a condition could exist in previously modified units. This was determined pursuant to quality control review, testing and a review of foreign models that use substantially similar part design.

## Description of Remedy :

**Description of Remedy Program :** Affected units must have the ECU reprogrammed ("reflashed") with an update according to the instructions in provided to Yamaha dealers in the TSB. If customers have already had and paid for this repair to be performed, they 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 1-866-894-1626. Owners should not operate the affected motorcycle, other than to take it to a dealer, until this inspection and, if necessary, modification is performed.

**How Remedy Component Differs from Recalled Component :** The Ignition map written in the logic on the ECU has been modified. The ECU has no outward visible differences. The internal code is changed. Dealers can determine internal programming by version code on diagnostic tool

**Identify How/When Recall Condition was Corrected in Production :** Production models were assembled using an ECU with the corrected programming code

## Recall Schedule :

**Description of Recall Schedule :** We anticipate commencing dealer/consumer notification shortly after the owner's notification letter is approved by NHTSA, the affected VIN range is ascertained, and the Technical Bulletin's service procedures are confirmed and finalized by Yamaha staff. assuming the Agency can review and approve the customer notification letter within 5 days of receipt (perhaps March 11th we will have the letter and technical bulletin printed. Normal turnaround time is 3 working days for such a printing. Hence the materials will be ready for mailing approximately March 17th. Final copies of these notification documents will be forwarded to the Agency as soon as possible

**Planned Dealer Notification Date :** MAR 17, 2022 - MAR 21, 2022

**Planned Owner Notification Date :** MAR 17, 2022 - MAR 21, 2022

\* NR - Not Reported