

Part 573 Safety Recall Report

18V-695

Manufacturer Name : Yamaha Motor Corporation, USA

Submission Date : OCT 04, 2018

NHTSA Recall No. : 18V-695

Manufacturer Recall No. : 990122



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 : 4,736

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2012-2013 Yamaha XTZ12

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Out of an abundance of caution, all units in the production range (affected year models) were included in this recall even though warranty claim analysis indicated that failure only present in select units.

Production Dates : JUN 01, 2011 - AUG 27, 2013

VIN Range 1 : Begin : JYADP03E4CA000002 **End :** JYADP03E2DA004101 **Not sequential**

Description of Defect :

Description of the Defect : In affected motorcycles, it is possible, due to heat over time, for a gap to open in the protective caulking in the joint area connecting the lead wires for the accelerator position sensor (APS) and throttle position sensor (TPS) to the Electronic Control Unit (ECU). This gap can allow corrosion to form on the wire surfaces, changing electrical resistance, causing the ECU to receive incorrect signals. If this happens, engine speed may not return to idle when the throttle is released

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : due to heat over time, for a gap to open in the protective caulking in the joint area connecting the lead wires for the accelerator position sensor (APS) and throttle position sensor (TPS) to the Electronic Control Unit (ECU). This gap can allow corrosion to form on the wire surfaces, changing electrical resistance, causing the ECU to receive incorrect signals. If this happens, engine speed may not return to idle when the throttle is released, which could result in loss of control and a crash with injury or death.

Description of the Cause : This gap can allow corrosion to form on the wire surfaces, changing electrical resistance, causing the ECU to receive incorrect signals

Identification of Any Warning that can Occur : Unit can be hard to restart, engine can misfire and run poorly

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

On September 26th, 2018 Yamaha Motor Corporation USA was informed by the manufacturer, Yamaha Motor Co. LTD that such a situation exists. This was determined pursuant to a quality control review, testing and a review of foreign models that use a substantially similarly part design

Description of Remedy :

Description of Remedy Program : Affected units must have the defective wire lead connection bypassed with a new sub lead harness multi-connector.

How Remedy Component Differs from Recalled Component : New sub harness lead uses different style wire splice hat is not affected by heat. Terminal splice was changed fro SS type to s type.

Identify How/When Recall Condition was Corrected in Production : 2014 model redesign was undertaken and with addition of new features wire harness was changed and harmonized with European models.

Recall Schedule :

Description of Recall Schedule : We anticipate commencing dealer/owner notification shortly after the owner's notification letter is approved by NHTSA (draft copies of the Customer Notification Letter and Technical Bulletin is attached for your review), the affected VIN range is ascertained and the Technical Bulletin service procedure is confirmed and finalized by Yamaha service staff. Assuming the Agency can approve the letter within 5 days of receipt (perhaps October 12) 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 October 18.

Final copies of these notification documents will be forwarded to the Agency as soon as possible.

Planned Dealer Notification Date : OCT 19, 2018 - OCT 22, 2018

Planned Owner Notification Date : OCT 19, 2018 - OCT 22, 2018

* NR - Not Reported