

**Part 573 Safety Recall Report****15V-410****Manufacturer Name :** Yamaha Motor Corporation, USA**Submission Date :** JUL 13,2015**NHTSA Recall No. :** 15V-410**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Yamaha Motor Corporation, USA

Address : 6555 Katella Avenue  
Cypress CA 90630-5101

Company phone : 714-761-7300

**Population :**

Number of potentially involved : 12,721

Estimated percentage with defect : 75

**Vehicle Information :**

Vehicle : 2008-2011 Yamaha WR250X

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : In affected motorcycles, the stator coil insulation might become damaged and short circuit due to insufficient heat resistance. This would decrease electrical output which could allow the battery to discharge. Low battery voltage could then cause loss of speedometer function and the engine could stall and be unable to be restarted

Production Dates : JUN 01, 2008 - JUN 01, 2011

**VIN (Vehicle Identification Number) Range**

Begin : JYADG22E48A000005

End : JYADG22E2BA002553

 Not sequential VINs

Begin : JYADG22Y18A000005

End : JYADG22Y4BA000474

 Not sequential VINs

Vehicle : 2008-2015 Yamaha WR250R

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : In affected motorcycles, the stator coil insulation might become damaged and short circuit due to insufficient heat resistance. This would decrease electrical output which could allow the battery to discharge. Low battery voltage could then cause loss of speedometer function and the engine could stall and be unable to be restarted

Production Dates : JUN 01, 2008 - JUN 01, 2015

**VIN (Vehicle Identification Number) Range**

Begin : JYADG21E78A000002

End : JYADG21E2FA007985

 Not sequential VINs

Begin : JYADG21Y18A000006

End : JYADG21Y9FA001420

 Not sequential VINs**Description of Defect :**

Description of the Defect : In affected motorcycles, the stator coil insulation might become damaged and short circuit due to insufficient heat resistance. This would decrease electrical output which could allow the battery to discharge

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : Low battery voltage could then cause loss of speedometer function and the engine could stall and be unable to be restarted, which could result in a crash with injury or death

Description of the Cause : insufficient stator coil insulation/ poor insulation quality

Identification of Any Warning that can Occur : The speedometer display may fail to function followed by dim lights and finally engine stall without the possibility to restart

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

On June 16, 2015, Yamaha Motor Corporation, U.S.A. was informed by the manufacturer, Yamaha Motor Company, Ltd., that such a situation exists. This was determined pursuant to a quality control review, testing and a review of models that use a substantially similarly part design.

**Description of Remedy :**

Description of Remedy Program : The bobbin insulation used to insulate the coil windings from the iron coil has been improved to provide increased insulation under a higher heat range. To correct this defect, Yamaha is initiating a Factory Modification Campaign. Affected units must have the stator coil replaced with a new one with sufficient heat resistance.

How Remedy Component Differs from Recalled Component : A new design stator can be identified by the white colored core.

Identify How/When Recall Condition was Corrected in Production : Countermeasure parts were incorporated into production vehicles starting with mid June, 2015 production vehicles.

**Recall Schedule :**

Description of Recall Schedule : On June 16, 2015, Yamaha Motor Corporation, U.S.A. was informed by the manufacturer, Yamaha Motor Company, Ltd., that such a situation exists. 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 7 days of receipt (perhaps July 3rd) 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 July 10th. Final copies of these notification documents will be forwarded to the Agency as soon as possible.

Planned Dealer Notification Date : JUL 10, 2015 - JUL 13, 2015

Planned Owner Notification Date : JUL 10, 2015 - JUL 13, 2015

\* NR - Not Reported