

Part 573 Safety Recall Report

20V-277

Manufacturer Name : Yamaha Motor Corporation, USA

Submission Date : MAY 15, 2020

NHTSA Recall No. : 20V-277

Manufacturer Recall No. : 990137



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 : 3,116

Estimated percentage with defect : 50 %

Vehicle Information :

Vehicle 1 : 2015-2018 Yamaha XC155

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : In affected units, the cylinder head nuts may not have been tightened properly and could loosen, causing the cylinder head gasket to fail. If this happens, coolant might enter the combustion chamber and wet the spark plug, which could prevent the engine from starting, or the engine could stall at idle.

Production Dates : SEP 18, 2014 - SEP 14, 2017

VIN Range 1 : Begin : RKRSG30Y6FA001001 **End :** RKRSG30Y0FA003052

Not sequential

VIN Range 2 : Begin : RKRSG36Y5GA001001 **End :** RKRSG36Y0JA001673

Not sequential

Description of Defect :

Description of the Defect : In affected units, the cylinder head nuts may not have been tightened properly and could loosen, causing the cylinder head gasket to fail. If this happens, coolant might enter the combustion chamber and wet the spark plug, which could prevent the engine from starting, or the engine could stall at idle, which could result in a crash with injury or death.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Cylinder head nuts may not have been tightened properly and could loosen, causing the cylinder head gasket to fail. If this happens, coolant might enter the combustion chamber and wet the spark plug, which could prevent the engine from starting, or the engine could stall at idle

Description of the Cause : The cylinder head nuts may not have been tightened properly.

Identification of Any Warning that can Occur : Visually, coolant temperature warning indicator may illuminate, unstable engine idle and possibly engine misfire at idle.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On May 11, 2020 Yamaha Motor Corporation U.S.A. was informed by the manufacture, Yamaha Motor Taiwan Co. that such a situation exists. This was determined pursuant to a quality control review, testing and a review of models that use a substantially similar part design.

Description of Remedy :

Description of Remedy Program : Affected units, the cylinder head nuts may not have been tightened properly which could allow coolant to enter the combustion chamber at low engine speeds.

How Remedy Component Differs from Recalled Component : No distinguishing changes, Head nuts are unchanged. Process for torquing and verification have changed on assembly line.

Identify How/When Recall Condition was Corrected in Production : Work process flow instructions were modified on 10/14/2017 to insure that all units have cylinder head nuts properly and completely torqued to the required specification.

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 has been provided via Agency Recall Portal), the affected VIN range is ascertained, and the Technical Bulletin with

service procedures is confirmed and finalized by Yamaha service staff. Assuming the Agency can approve the letter within 5 days of receipt, (perhaps May 22nd) we will have the letter and the Technical Bulletin printed. Normal turn-around time is 3 working days for such printing. Hence the materials will be ready for mailing approximately May 28th. Final copies of these documents will be provided to the Agency as soon as possible.

Planned Dealer Notification Date : MAY 29, 2020 - JUN 02, 2020

Planned Owner Notification Date : MAY 29, 2020 - JUN 02, 2020

* NR - Not Reported