

Part 573 Safety Recall Report**15V-176****Manufacturer Name :** Yamaha Motor Corporation, USA**Submission Date :** MAR 23,2015**NHTSA Recall No. :** 15V-176**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 : 4,900

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2015-2015 Yamaha FJ09F/FC ("FJ-09"), FZ09F/FC ("FZ-09"), FZ6RF/FC ("FZ6R"), XTZ12F/FC ("Super Ténéré"), XTZ12EF/EFC ("Super Ténéré ES") and YZF-R6 ("R6") motorcycles

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : In affected vehicles, the shift cam segment stopper on the transmission shift shaft was incorrectly manufactured with a sharp edge on the inside of its bend, rather than smooth radius. As a result, the stopper may crack at this sharp edge after continued operation due to fatigue caused by concentrated stress. In the worst case, the stopper may break, which could prevent the transmission from shifting properly

Production Dates : SEP 01, 2014 - NOV 17, 2014

VIN (Vehicle Identification Number) Range

Begin : JYADP05E0FA000287	End : JYADP06YXFA000113	<input checked="" type="checkbox"/> Not sequential VINs
Begin : JYARJ16E0FA032474	End : JYARJ16YXFA009004	<input type="checkbox"/> Not sequential VINs
Begin : JYARJ18E0FA013730	End : JYARJ18YXFA003085	<input type="checkbox"/> Not sequential VINs
Begin : JYARN33E0FA004758	End : JYARN33YXFA001912	<input type="checkbox"/> Not sequential VINs
Begin : JYARN37E0FA000008	End : JYARN37YXFA000110	<input type="checkbox"/> Not sequential VINs

Description of Defect :

Description of the Defect : The shift cam segment stopper on the transmission shift shaft was incorrectly manufactured with a sharp edge on the inside of its bend, rather than smooth radius

Description of the Safety Risk : As a result, the stopper may crack at this sharp edge after continued operation due to fatigue caused by concentrated stress. In the worst case, the stopper may

break, which could prevent the transmission from shifting properly which could result in a crash with injury or death

Description of the Cause : The shift cam segment stopper on the transmission shift shaft was incorrectly manufactured with a sharp edge on the inside of its bend, rather than smooth radius

Identification of Any Warning that can Occur : Failure of the shift shaft may be preceded bad increased difficulty in shifting and gear selection, possibly mis-shifting.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

FOREIGN STATES

Country : NR

Chronology :

On March 13, 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 foreign models that use a substantially similarly part design.

Description of Remedy :

Description of Remedy Program : To correct this problem, Yamaha is initiating a Factory Modification Campaign. Affected units must have the shift shaft assembly replaced with a new one that has a properly manufactured shift cam segment stopper. Yamaha is notifying all registered owners of affected motorcycles by mail. A copy of this letter is included with the Yamaha dealer service bulletin. The customer should take the notification letter along with the affected motorcycle to an authorized Yamaha motorcycle dealer for modification. A computer report listing all affected motorcycles invoiced is provided to each Yamaha motorcycle dealer. Yamaha Motorcycle dealers will use the invoiced units list to help ensure all affected motorcycles are modified.

How Remedy Component Differs from Recalled Component : A modified unit can also identified by the blue paint mark on the end of the shift shaft

Identify How/When Recall Condition was Corrected in Production : On March 13, 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 foreign models that use a substantially similarly part design.

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 provided for your review), the final 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 March 31th) 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 April 6th. Final copies of these notification documents will be forwarded to the Agency as soon as possible.

Planned Dealer Notification Date : APR 09, 2015 - APR 13, 2015

Planned Owner Notification Date : APR 09, 2015 - APR 13, 2015

* NR - Not Reported