

Part 573 Safety Recall Report

20V-778

Manufacturer Name : Yamaha Motor Corporation, USA

Submission Date : DEC 11, 2020

NHTSA Recall No. : 20V-778

Manufacturer Recall No. : NR



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 : 1,375

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2019-2020 Skeeter ZXR, FXR, WR,ZX,WX,SX and Solera Series Trailers

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : On affected trailers, the slide pin(s) which secure the brake caliper assembly in position over the brake rotor could become loose under normal operating conditions {allowing the brake caliper not to function as designed} and cause loss of control that could result in a crash.

Production Dates : JUL 01, 2019 - JAN 31, 2020

VIN Range 1 : Begin : 7FUBB2110LK191570 **End :** 7FUBB282XLK191932 Not sequential

Description of Defect :

Description of the Defect : On affected trailers, the slide pin(s) which secure the brake caliper assembly in position over the brake rotor could become loose under normal operating conditions {allowing the brake caliper not to function as designed} and cause loss of control that could result in a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The slide pins could loosen and fall out over prolonged use, allowing the brake calipers to dislodge from the mounting bracket resulting in a loss of trailer braking

Description of the Cause : During subcomponent assembly at the caliper distributor, the slide pins may not have been assembled with locking agent or the proper torque was not applied to the slide pins. Work instructions have been changed and both, locking agent application and proper torque is applied at component subassembly - prior to shipment to Skeeter

Identification of Any Warning Loose or missing slide pins might result in noise under light brake pressure or

that can Occur : unsmooth brake application. If caliper slide pins were to loosen and fall out completely the brake caliper could hang by the hydraulic line alone, prolonged use could result in a complete loss of trailer brake function

Involved Components :

Component Name 1 : Bolt, Slide Pin - Brake Caliper

Component Description : Mounting Pin that Holds the Brake Caliper to the Bracket

Component Part Number : 61060022/054-112-00

Supplier Identification :

Component Manufacturer

Name : Dexter Axle

Address : 135 Sunshine Lane
San Marcos California 92069

Country : United States

Chronology :

Late summer 2020 report received claiming missing brake caliper. In-depth investigation was undertaken, result was inconclusive. Discussions with supplier revealed that some calipers may not have received locking agent and proper torque on slide pins. Out of an abundance of caution Skeeter has decided to recall affected trailers manufactured with suspect brake calipers assembled during this period of uncertain subassembly quality.

Description of Remedy :

Description of Remedy Program : Slide pins were not checked for application of locking agent or to confirm proper torque was applied

How Remedy Component Differs from Recalled Component : The slide pins are now marked indicating that locking agent and that proper torque has been applied and verified. Without locking agent and proper torque, slide pins could work loose after prolonged use.

Identify How/When Recall Condition was Corrected in Production : upon notification of issue, supplier / sub assembler modified work instructions and added locking agent to slid pins and confirmed slide pin torque. Parts are now marked to reflect this process completion

Recall Schedule :

Description of Recall Schedule : We anticipate commencing dealer/consumer notification shortly after the owners notification letter is approved by NHTSA, the affected VIN range is ascertained and the technical bulletin service procedure is confirmed and finalized by Skeeter staff. Assuming the Agency can approve the letter within 10 days of receipt (perhaps December 23th) we will have the letter and technical bulletin printed, normal turn-around time is three working days for such printing. However due to the holiday closures additional time may be required . Hence the materials will be ready for mailing approximately January 6th. Final copies of these notification documents will be up-loaded to the Agency portal as soon as available.

Planned Dealer Notification Date : JAN 06, 2021 - JAN 07, 2021

Planned Owner Notification Date : JAN 06, 2021 - JAN 07, 2021

* NR - Not Reported