The information contained in this report was submitted pursuant to 49 CFR §573

Manufacturer Name: Yamaha Motor Corporation, USA
Submission Date: JUL 10, 2023
NHTSA Recall No.: 23V-472
Manufacturer Recall No.: 990168

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: 211
Estimated percentage with defect: 2%

Vehicle Information:
Vehicle 1: 2022-2022 Yamaha Tenere 700
Vehicle Type: MOTORCYCLES
Body Style: OTHER
Power Train: GAS

Descriptive Information:
In affected motorcycles, the front brake calipers may have been assembled with one or more bolts that have an incorrect thread length. Incorrect bolts can cause damage to the mounting hole threads in brake caliper if repeatedly removed and reinstalled, such as during servicing. Then, in the worst case, the bolts would no longer hold the front brake caliper to its mount, so the caliper would detach, resulting in loss of braking ability, increasing the risk of loss of control and a crash with injury or death.

Production Dates: JUL 27, 2022 - AUG 29, 2022
VIN Range 1: Begin: JYADM12Y8NA002428 End: JYADM12Y8NA002638 Not sequential

Description of Defect:
Description of the Defect: the front brake calipers may have been assembled with one or more bolts that have an incorrect thread length. Incorrect bolts can cause damage to the mounting hole threads in brake caliper if repeatedly removed and reinstalled, such as during servicing. Then, in the worst case, the bolts would no longer hold the front brake caliper to its mount, so the caliper would detach, resulting in loss of braking ability

FMVSS 1: NR
FMVSS 2: NR

Description of the Safety Risk: the bolts would no longer hold the front brake caliper to its mount, so the caliper would detach, resulting in loss of braking ability, increasing the risk of loss of control and a crash with injury or death.

Description of the Cause: Vendor supplied the incorrect length (threaded portion) of front brake caliper bolts
Identification of Any Warning that can Occur: Clunking sound / feel coming from front brake when brake is lightly applied. Difficulty encountered when attempting to remove or reinstall caliper bolts after servicing.

Involved Components:

- Component Name 1: Bolt, Flang
- Component Description: Front Brake Caliper Bolt
- Component Part Number: 90105-10778

Supplier Identification:

Component Manufacturer
- Name: NR
- Address: NR
- Country: NR

Chronology:

In June, 2023 Yamaha Motor corporation USA was informed by the manufacturer, Yamaha Motor Co., LTD that such a condition could exist in previously modified units. This was determined pursuant to quality control review, testing and a review of foreign models that use substantially similar part design.
Description of Remedy:

- Description of Remedy Program: Affected units must have the length of the front brake caliper mounting bolts confirmed. If found to be incorrect, the bolt(s) must be replaced with correct specification bolt(s) and the mounting-hole threads in the calipers inspected. If the caliper mounting-hole threads(s) are damaged, the caliper must be replaced as well. If customers have already had and paid for this repair to be performed, they may be entitled to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this repair. For more information, contact Yamaha Customer Relations at 1-866-894-1626. Owners should not operate the affected motorcycle, other than to take it to a dealer, until this inspection and, if necessary, modification is performed.

- How Remedy Component Diffs from Recalled Component: Threaded portion of the flange bolt is 20mm. Nominal length is 40mm and bolt is M10x1.25 with a 20mm od.

- Identify How/When Recall Condition was Corrected in Production: After incorrect bolts were identified, stock was removed from production line and stock was purged. Vendor supplies checked and only correct dimension product has subsequently been provided. Check process has been added to vendor order fulfillment and to receiving QA inspection prior accepting into stock.

Recall Schedule:

- Description of Recall Schedule: We anticipate commencing dealer/consumer notification shortly after the owner’s notification letter is approved by NHTSA, the affected VIN range is ascertained, and the Technical Bulletin’s service procedures are confirmed and finalized by Yamaha staff. Assuming the Agency can review and approve the customer notification letter within 5 days of receipt (perhaps July 17th we will have the letter and technical bulletin printed. Normal turnaround time is 3 working days for such a printing. Hence the materials will be ready for mailing approximately March 20th. Final copies of these notification documents will be forwarded to the Agency as soon as possible.

- Planned Dealer Notification Date: JUL 20, 2023 - JUL 24, 2023

- Planned Owner Notification Date: JUL 20, 2023 - JUL 24, 2023

* NR - Not Reported