



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V825

Manufacturer Name: KTM North America, Inc.

Submission Date: Dec 12, 2025

NHTSA Recall No.: 25V825

Manufacturer Recall No.: KTB2513 & HTB2508

Manufacturer Information

Population

Manufacturer Name: KTM North America, Inc.

Address: 1119 Milan Avenue
Amherst OH, 44001

Total number of potentially involved: 6,546

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-2025 KTM 390 ENDURO R

Product Category: Motorcycles

Product Type: Motorcycles

Fuel / Propulsion:

Production Dates: May 12, 2025 - Aug 14, 2025

Number of potentially involved:

Descriptive Information:

Only US vehicle numbers with F5375YG, F5375YJ, F5375YK, F4375X2, F4375X1, F5375Y5, F5375Y6, in the production period are included in the recall population. The ECU EMS software will be updated with the improved version KM963EU2596003.

Vehicle 2: 2025-2025 KTM 390 SMC R

Product Category: Motorcycles

Product Type: Motorcycles

Fuel / Propulsion:

Production Dates: May 12, 2025 - Aug 14, 2025

Number of potentially involved:

Descriptive Information:

Only US vehicle numbers with F5375YG, F5375YJ, F5375YK, F4375X2, F4375X1, F5375Y5, F5375Y6, in the production period are included in the recall population. The ECU EMS software will be updated with the improved version KM963EU2596003.

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25V825**Vehicle 3:** 2025-2025 KTM 390 ADVENTURE X**Product Category:** Motorcycles**Product Type:** Motorcycles**Fuel / Propulsion:****Production Dates:** Jun 16, 2025 - Aug 14, 2025**Number of potentially involved:****Descriptive Information:**

Only US vehicle numbers with F5375YG, F5375YJ, F5375YK, F4375X2, F4375X1, F5375Y5, F5375Y6, in the production period are included in the recall population. The ECU EMS software will be updated with the improved version KM963EU2596003.

Defect / Noncompliance Description

Description of the defect or noncompliance:

An issue with the originally installed engine control unit software may cause the engine to stall at low rpms. This can lead to the possibility of loss of engine power.

FMVSS1:**FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

On affected motorcycles, there is a possibility of a loss of throttle which may increase the risk of a crash or injury to the rider or others and/or damage to property.

Description of the cause:

Software programing

Identification of any warning that can occur:

None

Component Manufacturer

Tier of Supplier: Tier 1**Supplier Type:** OEM**Name:** KTM F&E GmbH**Address:** Stallhofnerstraße 3

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Mattighofen Foreign States, 5230

Country: Austria

Involved Components

Component Name 1: Software update engine control unit

Component Description: software

Component Part Number: 96341031000 – ECU EMS

Chronology

07/29/2025 – Customer Service received a report of loss of power while riding.

08/01/2025 – 11/8/2025 Customer service reports, Vehicle Owner Questionnaire reports from NHTSA, and Technical Service reports were reviewed and analyzed by KTM AG, R&D in Austria during its investigation of the condition.

11/06/2025 KTM AG determined a defect existed and a recall for ECU EMS software was required.

One owner reported incident has been received through NHTSA VOQ report. KTM began investigating the claim.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

KTM and Husqvarna Mobility are notifying all registered owners of affected motorcycles by mail to bring their unit to an authorized dealer for repair. The dealer technicians will inspect units and update the ECU EMS software.

How remedy component differs from recalled component:

The ECU EMS software will be updated with the improved version KM963EU2596003.

Identify how/when recall condition was corrected in production:

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The updated software optimizes injection timing, fuel amount, ignition timing, throttle opening and ride mode.

Reimbursement Plan

Description of reimbursement program:

Dealers must inspect affected motorcycles in their inventory before customer delivery. Affected units are locked and cannot be retail-registered to customers until the recall is performed.

Period of reimbursement:

Costs to be reimbursed:

KTM and Husqvarna owners who previously had the ECU EMS software updated will be offered a refund upon providing evidence of the same.

Address for reimbursement claims:

1119 Milan Avenue
Amherst OH, 44001

Recall Schedule

Description of recall schedule:

Dealers will be notified via Dealernet, an online communication portal for dealers.

Planned Dealer Notification Date: Dec 01, 2025 - Dec 01, 2025 No Dealers

Planned Interim Owner Notification Date: No Owners

Planned Remedy Owner Notification Date: Jan 23, 2026 Phased Recall

Date when VIN will be searchable: