Part 573 Safety Recall Report   21V-304

Manufacturer Name :	KTM North America, Inc.
Submission Date :	APR 30, 2021
NHTSA Recall No. :	21V-304
Manufacturer Recall No. :	KTM2106

NHTSA
NATIONAL HIGHWAY TRAFFIC
SAFETY ADMINISTRATION

Manufacturer Information :

Manufacturer Name : KTM North America, Inc.

Address : 1119 Milan Avenue
Amherst OH 44001

Company phone : 440-985-3553

Population :

Number of potentially involved : 3,707
Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2019-2020 KTM 790 Adventure

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : All 2019-2020 KTM 790 Adventure, Adventure R, and Adventure R Rally units were included in the population.
On the affected population, there is a possibility that the preload force of the return spring is too low and does not meet the specified tolerance.

Production Dates : FEB 14, 2019 - FEB 28, 2020

VIN Range 1 : Begin : NR   End : NR   ☐ Not sequential

Vehicle 2 : 2019-2020 KTM 790 Adventure R

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : All 2019-2020 KTM 790 Adventure, Adventure R, and Adventure R Rally units were included in the population.
On the affected population, there is a possibility that the preload force of the return spring is too low and does not meet the specified tolerance.

Production Dates : FEB 14, 2019 - FEB 28, 2020

VIN Range 1 : Begin : NR   End : NR   ☐ Not sequential

Vehicle 3 :	2019-2020 KTM 790 Adventure R Rally
Vehicle Type :	MOTORCYCLES
Body Style :	OTHER
Power Train :	GAS
Descriptive Information :	All 2019-2020 KTM 790 Adventure, Adventure R, and Adventure R Rally units were included in the population. On the affected population, there is a possibility that the preload force of the return spring is too low and does not meet the specified tolerance.
Production Dates :	FEB 14, 2019 - FEB 28, 2020
VIN Range 1 : Begin :	NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	There is a possibility that the preload force of the return spring is too low and does not meet the specified tolerance.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	There is a possibility it could lead to injury and/or property damage.
Description of the Cause :	The preload force of the return spring is too low and does not meet the specified tolerance.
Identification of Any Warning that can Occur :	In rare cases, it could impair the braking function.

Involved Components :

Component Name 1 :	NR
Component Description :	NR
Component Part Number :	NR

Supplier Identification :

Component Manufacturer

Name :	J Juan SA
Address :	POLIG CAMI RAL MIQUEL SERVET 21 GAVÀ BARCELONA Foreign States 08850
Country :	Spain

Chronology :

During 2019 KTM Sportmotorcycle GmbH (the Austrian manufacture) Customer Service received 79 reports regarding front brake issues on 2019 KTM 790 Adventure models worldwide. In November 2019, KTM Quality Management determined that an investigation of the front brake issues should be opened. In February 2020, field parts were provided to KTM's Quality Management and J. Juan SA (the supplier) for testing. KTM R&D and J.Juan SA conducted testing and investigation; then in February 2021, KTM AG Quality Management and R&D determined the preload force of the return spring is too low and does not meet the specified tolerance. In April 2021 KTM AG Quality Management determined the repair criteria and that a recall was required.

Description of Remedy :

Description of Remedy Program : The front brake master cylinder piston return spring replaced on all affected motorcycles.

How Remedy Component Differs from Recalled Component : The replacement spring is stronger and larger.

Identify How/When Recall Condition was Corrected in Production : New spring used in MY 2021 and going forward.

Recall Schedule :

Description of Recall Schedule : KTM North America is notifying all registered owners of the above-affected motorcycles by mail and all authorized dealers via KTM Dealernet, an internet-based communication portal.

Planned Dealer Notification Date : APR 28, 2021 - JUL 22, 2022

Planned Owner Notification Date : MAY 21, 2021 - JUL 29, 2022

* NR - Not Reported