

Part 573 Safety Recall Report

21V-718

Manufacturer Name : Fox Factory, Inc.**Submission Date :** OCT 03, 2021**NHTSA Recall No. :** 21V-718**Manufacturer Recall No. :** n/a**Manufacturer Information :**

Manufacturer Name : Fox Factory, Inc.

Address : 915 Disc Drive
Scotts Valley CA 95066

Company phone : 1-831-274-6500

Population :

Number of potentially involved : 2,646

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2021 GM (upfitted by Tuscany) Sierra 1500; Silverado 1500

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : Upfitted (with Tuscany Kit Model No. 501T-02-00064) vehicles sold by General Motors. This population does not include aftermarket lift kits offered for retail sale that may have been installed on these same makes/models/model years.

The recall population has been determined based on the rate of failures known to Fox Factory.

Substantially similar vehicles manufactured by OEMs other than GM and upfitted with the affected lift kits by Tuscany have not exhibited the failure mode.

Production Dates : JAN 01, 2018 - MAR 31, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2021 GM (upfitted by SCA) Sierra 1500; Silverado 1500

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : Upfitted (with SCA Model Nos. 501T-02-0064; SCA 1100; SCA2102; and SCA 3100) vehicles sold by General Motors. This population does not include aftermarket lift kits offered for retail sale that may have been installed on these same makes/models/model years.

The recall population has been determined based on the rate of failures known to Fox Factory.

Substantially similar vehicles manufactured by OEMs other than GM and upfitted with the affected lift kits by SCA have not exhibited the failure mode.

Production Dates : APR 24, 2020 - APR 01, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Accelerated wear on the vehicle OEM-installed ball joint in the front upper control arm can result in premature ball joint failure and the affected front wheel separating while the vehicle is in motion.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Partial or total separation of a front wheel while the vehicle is in motion can increase the risk of a crash.

Description of the Cause : The GM vehicle OEM-installed ball joint in the front upper control arm can experience accelerated wear in the presence of corrosion leading to ball joint separation and resulting control arm separation from the steering knuckle.

Vehicles upfitted with the affected lift kits have an operating angle between the GM ball joint and such lift kits' steering knuckle that reflect that of a stock Chevrolet Trailboss and GM AT4 models. As a result, the range of motion within the travel path may exacerbate the wear of the joint in the presence of corrosion.

Identification of Any Warning that can Occur : Often, the failure of a ball joint in a front upper control arm may be preceded by noise and / or a feeling of clicking in the steering, abnormal front tire wear, abnormal steering.

Involved Components :

Component Name 1 : General Motors

Component Description : front upper control arm

Component Part Number : NR

Component Name 2 : Tuscany

Component Description : lift kit

Component Part Number : 501T-02-00064

Component Name 3 : SCA Performance

Component Description : lift kit

Component Part Number : SCA1100, SCA2102

Component Name 4 : Rocky Ridge Conversions

Component Description : lift kit

Component Part Number : SCA1100, SCA2102

Component Name 5 : Rocky Mountain Truck

Component Description : lift kit

Component Part Number : SCA3100

Supplier Identification :

Component Manufacturer

Name : General Motors

Address : 300 Renaissance Center
Detroit Michigan 48243

Country : United States

Chronology :

See supplemental document "Part 573 Safety Recall Report 21V-718 Chronology"

Description of Remedy :

Description of Remedy Program : New Fox Factory front upper control arms will be installed in place of the GM front upper control arms. Vehicle owners will be notified by first class mail to take their vehicle to a Fox Factory-affiliated dealer to have the remedy performed free of charge. If this condition was identified and remedied on an affected vehicle prior to this campaign, Fox Factory will reimburse owners who have incurred the cost of such remedy.

How Remedy Component Differs from Recalled Component : The remedy will include upgraded front upper control arms manufactured by Fox Factory, which include stronger and less corrosion-susceptible ball joints than originally installed by GM.

Identify How/When Recall Condition was Corrected in Production : For Tuscany-upfitted GM vehicles, Fox Factory began installing upgraded front upper control arms on all upfits of GM Sierra 1500 and Chevrolet Silverado 1500 vehicles in March 2021.

For SCA-upfitted GM vehicles, due to supply constraints, as of April 1, 2021, SCA began installing lift kits from a third-party supplier with a different operating angle that has not exhibited exacerbated wear of the upper ball joint. SCA ceased use of the affected SCA lift kits.

Recall Schedule :

Description of Recall Schedule : Fox Factory will notify dealers and owners on/before November 1, 2021, using owner information to be provided by GM.

Planned Dealer Notification Date : OCT 04, 2021 - NOV 01, 2021

Planned Owner Notification Date : OCT 04, 2021 - NOV 01, 2021

* NR - Not Reported