

Part 573 Safety Recall Report

20V-422

Manufacturer Name : Kia Motors America**Submission Date :** JUL 22, 2020**NHTSA Recall No. :** 20V-422**Manufacturer Recall No. :** SC193**Manufacturer Information :**

Manufacturer Name : Kia Motors America

Address : 111 Peters Canyon Road
Irvine CA 92606

Company phone : 800-333-4542

Population :

Number of potentially involved : 104

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Kia Stinger

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Some 2020 model year Kia Stinger vehicles equipped with the 2.0L Turbo-GDI engine manufactured from October 7, 2019 through December 12, 2019

The recall population was determined by a review of supplier and vehicle production records. The vehicles subject to this recall were not produced in VIN order. Customers seeking information about their specific vehicle will be referred to Kia's Consumer Assistance Center or their Kia dealer.

Production Dates : OCT 07, 2019 - DEC 12, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Due to a machine calibration issue at the facility of the supplier of the Rack & Ball/Nut Assembly (RBNA), an insufficient number of balls were inserted into the RBNA. Overtime, the balls can become fatigued and fracture. If a ball fractures and comes apart, it can get stuck in the steering rack making it difficult to steer the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Difficulty and/or loss of steering increases the risk of a crash**Description of the Cause :** Insufficient number of balls were inserted in the Rack & Ball/Nut Assembly (RBNA)

Identification of Any Warning that can Occur : Noise when turning the steering wheel

Involved Components :

Component Name 1 : Gear & Linkage Assy—MDPS

Component Description : Rack Mounted Motor Driven Power Steering Assembly

Component Part Number : 57700-J5200 & 57700-J5400

Supplier Identification :

Component Manufacturer

Name : HYUNDAI MOBIS

Address : 87, Sunsanpaechong-Ro, Seongsan-gu
Changwon, Gyeongsangnam-do FOREIGN STATES 51556

Country : Korea, Republic of

Chronology :

See attached document titled "2020 Stinger MDPS Chronology"

Description of Remedy :

Description of Remedy Program : All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Kia dealer. Dealers will be instructed to replace the Rack Mounted Motor Driven Power Steering (MDPS) Assembly with a new one. Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed May 11, 2020.

How Remedy Component Differs from Recalled Component : The remedy component was manufactured with a Rack & Ball/Nut Assembly containing the correct number of balls.

Identify How/When Recall Condition was Corrected in Production : A review of Rack and Ball/Nut Assembly (RBNA) supplier records identified that the problematic lot of RBNA's were manufactured on 3/1/2019. On that same day, the machine that inserts the balls into the Rack and Ball/Nut Assembly was recalibrated and corrected. The last day the problematic lot was supplied by the RBNA supplier to Hyundai Mobis was 9/20/2019. The affected RBNA's were used in some Kia vehicles produced from October 7, 2019 through 12/12/2019.

Recall Schedule :

Description of Recall Schedule : The Dealer Notification is scheduled for August 21, 2020, and the Owner Notification is scheduled for August 28, 2020.

Planned Dealer Notification Date : AUG 21, 2020 - AUG 21, 2020

Planned Owner Notification Date : AUG 28, 2020 - AUG 28, 2020

* NR - Not Reported