

# Part 573 Safety Recall Report

# 17V-577

**Manufacturer Name :** Hyundai Motor America**Submission Date :** OCT 04, 2017**NHTSA Recall No. :** 17V-577**Manufacturer Recall No. :** 167**Manufacturer Information :**

Manufacturer Name : Hyundai Motor America

Address : 10550 Talbert Avenue

Fountain Valley CA 92708

Company phone : 800-633-5151

**Population :**

Number of potentially involved : 197

Estimated percentage with defect : NR

**Vehicle Information :**

Vehicle 1 : 2018-2018 Hyundai Santa Fe Sport

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain 2018 model year Hyundai Santa Fe Sport vehicles produced at the Hyundai Motor Manufacturing Alabama ("HMMA") plant and the Kia Motor Manufacturing Georgia ("KMMG") plant between 8/25/2017 - 9/6/2017.

Production Dates : AUG 25, 2017 - SEP 06, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles may contain improperly manufactured front coil springs which could fracture under certain loads while driving.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In limited instances, a fractured coil spring can potentially contact and puncture the tire while driving. Driving with a punctured tire could result in a loss of vehicle control and increase the risk of a crash.

Description of the Cause : The front coil springs were damaged during production due to a malfunctioning coil spring forming tool.

Identification of Any Warning that can Occur : Customers may experience any or all of the following:

1. Change in vehicle ride height.
2. Abnormal noise from the coil spring rubbing the inboard sidewall of the tire.

**Supplier Identification :****Component Manufacturer**

Name : Mando Corporation  
Address : 4201 Northpark Drive  
Opelika ALABAMA 36801  
Country : United States

**Chronology :**

On September 5, 2017 HMMA notified Hyundai Motor America ("HMA") of coil spring fractures occurring on 2 Santa Fe Sport vehicles during routine test drives. HMA checked market information and did not find any customer complaints for this condition. HMMA identified a population of approximately 1,700 potentially affected vehicles shipped from HMMA to vehicle processing centers. Of these vehicles, 196 units were confirmed to have shipped from vehicle processing centers to dealers. On September 13, 2017 HMA's Technical Committee convened to review this investigation and decided to conduct a voluntary safety recall.

Hyundai is not aware of any accidents, injuries or customer complaints related to this condition.

**Description of Remedy :**

Description of Remedy Program : All of the affected vehicles are currently located at dealers. Hyundai will notify dealers to replace both front coil springs in their vehicles. As there is no need for an owner notification, notification regarding reimbursement under section 577.11 is not necessary.

How Remedy Component Differs from Recalled Component : Recalled component(s):  
FRONT COIL SPRING, 54630-4Z200 (for 2.0L)  
FRONT COIL SPRING, 54630-4Z000 (for 2.4L 2WD)  
FRONT COIL SPRING, 54630-4Z100 (for 2.4L AWD)

The improved coil springs involved in the remedy were produced after the coil spring forming tool was repaired and meet the correct dimensional specifications for use in vehicle production. There is no part name or number change for the remedy components.

Identify How/When Recall Condition was Corrected in Production : The coil spring forming tool was repaired on 9/4/2017. The improved coil springs were used in vehicle production beginning 9/6/2017.

**Recall Schedule :**

Description of Recall Schedule : Dealers will be notified in September 2017. An owner notification is not

necessary since all affected vehicles are currently located at dealers and cannot be sold until remedied.

Planned Dealer Notification Date : SEP 27, 2017 - SEP 27, 2017

Planned Owner Notification Date : SEP 27, 2017 - SEP 27, 2017

\* NR - Not Reported