

Part 573 Safety Recall Report

20V-543

Manufacturer Name : Hyundai Motor America**Submission Date :** SEP 10, 2020**NHTSA Recall No. :** 20V-543**Manufacturer Recall No. :** 195**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 : 180,000

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 Hyundai Tucson

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain Model Year 2019 Hyundai Tucson vehicles produced from September 1, 2018 to 07/31/2019 by Hyundai Motor Company ("HMC") in South Korea for sale in the U. S. market may contain a defective circuit board in the ABS brake hydraulic electronic control unit (HECU).

Production Dates : SEP 01, 2018 - JUL 31, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 Hyundai Tucson

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain Model Year 2020 Hyundai Tucson vehicles produced from 12/01/2019 to 03/31/2020 by Hyundai Motor Company ("HMC") in South Korea for sale in the U.S. market may contain a defective circuit board in the ABS brake hydraulic electronic control unit (HECU).

Production Dates : DEC 01, 2019 - MAR 31, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2021-2021 Hyundai Tucson

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain Model Year 2021 Hyundai Tucson vehicles produced on 06/23/2020 by Hyundai Motor Company (“HMC”) in South Korea for sale in the U.S. market may contain a defective circuit board in the ABS brake hydraulic electronic control unit (HECU).

Production Dates : JUN 23, 2020 - JUN 23, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with Anti-lock Brake System (“ABS”) modules that could corrode internally and cause an electrical short over time, resulting in an engine compartment fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An electrical short in the ABS module could increase the risk of an engine compartment fire while parked or driving.

Description of the Cause : Flux residue from the soldering process at the supplier could accumulate on the ABS module’s main controller board (PCB). With exposure to heat and humidity, the residue could result in a corrosive path and an electrical resistance short.

Identification of Any Warning that can Occur :

1. Smoke from the engine compartment.
2. Burning/melting odor.
3. Illumination of the MIL and/or ABS light.

Involved Components :

Component Name 1 : ABS Assembly

Component Description : Hydraulic controller for the ABS

Component Part Number : 58920-D3530

Supplier Identification :

Component Manufacturer

Name : Mando America Corp
Address : 955 Meriwether Park Dr
Hogansville GEORGIA 30230
Country : United States

Chronology :

Please see Attachment A for the requested chronology.

Description of Remedy :

Description of Remedy Program : Customers can continue to drive these vehicles; however Hyundai recommends parking these vehicles outside and away from structures until the recall remedy is completed. Hyundai plans to notify owners to instruct them to return their vehicles to a Hyundai dealership for replacement of the ABS module when available. The remedy procedure will be performed at no charge. Hyundai will provide reimbursement to owners for repairs according to the plan submitted on May 16, 2018.

How Remedy Component Differs from Recalled Component : At this time, Hyundai is still evaluating this matter. Based on analysis of units involved in fires, Hyundai believes that a quality control deficiency exists in some vehicles. Vehicles subject to the recall will have the recovered HECU returned to an engineering firm for an engineering evaluation and review to identify and verify issues.

Identify How/When Recall Condition was Corrected in Production : Hyundai will conduct a detailed examination of recalled units returned from the field and working with the supplier will obtain quality control and/or engineering differences in units for the 3 model years.

Recall Schedule :

Description of Recall Schedule : Dealers and customers will be notified beginning in late October 2020.
Planned Dealer Notification Date : OCT 30, 2020 - OCT 30, 2020
Planned Owner Notification Date : OCT 30, 2020 - OCT 30, 2020

* NR - Not Reported