

Part 573 Safety Recall Report

20V-543

Manufacturer Name : Hyundai Motor America**Submission Date :** DEC 30, 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 : 652,024

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2016-2021 Hyundai Tucson

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain Model Year 2016-2021 Hyundai Tucson vehicles not equipped with Smart Cruise Control ("SCC") and produced from May 19, 2015 through November 16, 2020 by Hyundai Motor Company ("HMC") in South Korea for sale in the U.S. market.

Production Dates : MAY 19, 2015 - NOV 16, 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 malfunction internally and cause an electrical short over time potentially 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 : An exact root cause has not yet been determined; however, Hyundai believes the ABS module's main controller board (PCB), under specific conditions including heat and humidity, could experience 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 Corp

Address : 32,Hamanho-gil, Poseung-eup

Pyeongtaek, Gyeonggi-do Foreign States 17962

Country : Korea, Republic of

Chronology :

Please see Attachment A for the requested chronology.

Description of Remedy :

Description of Remedy Program : Customers can continue driving 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 bring their vehicles to the nearest Hyundai dealership for replacement of the ABS module fuse. For model year 2019-2021 affected vehicles, the Electronic Stability Control ("ESC") software will require an update for use with the new fuse. 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 : The new fuse is rated at a lower amperage to effectively limit the operating current of the ABS module.

Identify How/When Recall Condition was Corrected in Production : ABS modules equipped with 25-amp fuses were introduced into production in November 2020.

Recall Schedule :

Description of Recall Schedule : Dealers and customers will be notified beginning in February 2021.

Planned Dealer Notification Date : FEB 19, 2021 - FEB 19, 2021

Planned Owner Notification Date : FEB 19, 2021 - FEB 19, 2021

* NR - Not Reported