

Part 573 Safety Recall Report

21V-938

Manufacturer Name : Hyundai Motor America**Submission Date :** DEC 02, 2021**NHTSA Recall No. :** 21V-938**Manufacturer Recall No. :** 214**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 : 12

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Hyundai Tucson

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The subject vehicles include 12 model year 2022 Hyundai Tucson vehicles produced on February 26, 2021 by Hyundai Motor Manufacturing Alabama ("HMMA") for sale in the U.S. market.

Production Dates : FEB 26, 2021 - FEB 26, 2021**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential**Description of Defect :**

Description of the Defect : The Integrated Central Control Unit ("ICU") in the subject vehicles was produced with incompatible software which could result in inoperative headlamps and/or taillamps.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Inoperative headlamps could reduce visibility of the vehicle's surroundings increasing the risk of a crash. Inoperative taillamps could reduce visibility to other vehicles and fail to notify other vehicles of intended braking, increasing the risk of a rear-end crash.

Description of the Cause : The ICU was produced without completing a required reflash of the software.

Identification of Any Warning None
that can Occur :

Involved Components :

Component Name 1 : Integrated Central Control Unit Assembly

Component Description : Main power distribution controller

Component Part Number : 91950-CWXXX

Supplier Identification :

Component Manufacturer

Name : Kyungshin

Address : 98, Gaetbeol-ro

Yeonsu-gu Incheon Foreign States

Country : Korea, Republic of

Chronology :

May 2021

HMA issued a Quality Information Report ("QIR") to HMMA noting increased warranty claim activity regarding exterior light functionality on certain model year 2022 Hyundai Tucson vehicles in the U.S. market.

June – August 2021

On June 2, 2021, NASO's Data Review Committee ("DRC") initiated a preliminary review of the subject condition and began monitoring warranty claims and dealer technical assistance call records.

On August 30, 2021, NASO's DRC escalated the subject condition to the Technical Review Committee ("TRC") for further assessment.

October 2021

On October 13, 2021, NASO received HMMA's response to the prior HMA quality report with initial root cause and countermeasure details concerning the subject condition.

On October 22, 2021, NASO received additional information from HMMA that the ICU supplier identified a production lot containing twelve (12) ICU's that were produced without completing a required software reflash, causing the onboard software to be incompatible with the vehicle's exterior lights. Based on this information, NASO reviewed all applicable field data sources to identify and locate all affected vehicles containing the suspect ICU's.

November 2021

NASO conducted a final review of field information and confirmed that all affected vehicles were accounted for and repaired at U.S. Hyundai dealers. On November 23, NASO convened its North America Safety Decision Authority and decided to file a safety recall notice for the affected vehicles in the U.S. market.

Regarding field claim counts from all available data sources at the time of the filing, Hyundai is aware of twelve (12) vehicles impacted by the subject concern with a receipt date range of March 29 – May 29, 2021. Hyundai

is not aware of any crashes, fires, or injuries related to the defect condition.

Description of Remedy :

Description of Remedy Program : Hyundai has identified and repaired all affected vehicles. A separate owner notification is not necessary for this campaign.

How Remedy Component Differs from Recalled Component : The remedy software contains the correct logic for exterior lamp operation.

Identify How/When Recall Condition was Corrected in Production : The ICU software updated was implemented as a production running change on January 18, 2021.

Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified in late January 2022.

Planned Dealer Notification Date : JAN 28, 2022 - JAN 28, 2022

Planned Owner Notification Date : JAN 28, 2022 - JAN 28, 2022

* NR - Not Reported