

# Part 573 Safety Recall Report

## 22V-746

**Manufacturer Name :** Hyundai Motor America**Submission Date :** OCT 06, 2022**NHTSA Recall No. :** 22V-746**Manufacturer Recall No. :** 236**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 : 53,142

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2021-2022 Hyundai Santa Fe

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** The subject population includes 32,833 model year 2021-2022 Hyundai Santa Fe vehicles produced on 11/20/2020 through 3/31/2022 by Hyundai Motor Manufacturing Alabama ("HMMA") for sale in the U.S. market

Production Dates : NOV 20, 2020 - MAR 31, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 Hyundai Santa Cruz

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

**Descriptive Information :** The subject population includes 9,142 model year 2022 Hyundai Santa Cruz vehicles produced on 6/22/2021 through 3/25/2022 by Hyundai Motor Manufacturing Alabama ("HMMA") for sale in the U.S. market

Production Dates : JUN 22, 2021 - MAR 25, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2021-2022 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The subject population includes 6,840 model year 2021-2022 Hyundai Sonata vehicles produced on 11/24/2020 through 3/31/2022 by Hyundai Motor Company (“HMC”) and Hyundai Motor Manufacturing Alabama (“HMMA”) for sale in the U.S. market

Production Dates : NOV 24, 2020 - MAR 31, 2022

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 4 : 2022-2022 Hyundai Elantra N

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The subject population includes 1,165 model year 2022 Hyundai Elantra N vehicles produced on 9/15/2021 through 4/8/2022 by Hyundai Motor Company (“HMC”) for sale in the U.S. market

Production Dates : SEP 15, 2021 - APR 08, 2022

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 5 : 2021-2022 Hyundai Veloster N

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : The subject population includes 2,130 model year 2021-2022 Hyundai Veloster N vehicles produced on 8/28/2020 through 5/13/2022 by Hyundai Motor Company (“HMC”) for sale in the U.S. market

Production Dates : AUG 28, 2020 - MAY 13, 2022

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 6 : 2022-2022 Hyundai Kona N

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The subject population includes 1,032 model year 2022 Hyundai Kona N vehicles produced on 10/5/2021 through 5/4/2022 by Hyundai Motor Company (“HMC”) for sale in the U.S. market

Production Dates : OCT 05, 2021 - MAY 04, 2022

VIN Range 1 : Begin : NR End : NR  Not sequential

**Description of Defect :**

Description of the Defect : While driving, the transmission high-pressure electric oil pump in the subject vehicles may experience an internal fault triggering DTC(s) and illumination of multiple warning lamps on the vehicle's instrument cluster display. The internal fault detection forces the vehicle to enter a "fail-safe" limited-mobility drive mode, resulting in approximately 20-30 seconds of unimpeded motive power, followed by a complete loss of vehicle motive power due to disengagement of the transmission clutches and drive gears.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A loss of motive power while driving at high speed could increase the risk of a crash.

Description of the Cause : Improper software logic for "fail-safe" driving conditions when certain transmission oil pump faults are detected.

Identification of Any Warning Illumination of:

- that can Occur :
- A. MIL
  - B. Instrument cluster warning message
  - C. AVN display warning message

**Involved Components :**

Component Name 1 : High Pressure Electric Oil Pump

Component Description : Pump Assy, Electric Oil

Component Part Number : 46220-2N500

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

Name : Myunghwa Ind. Co., Ltd

Address : 194, Saneop-ro 156beon-gil

Gwonseon-gu Suwon-si, Gyeonggi-do Foreign States 16648

Country : Korea, Republic of

**Chronology :**

Please see Attachment A for the requested chronology of events.

## 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 Hyundai dealer to inspect the transmission and replace it, if necessary. Dealers will also reprogram the transmission control unit with updated software that provides proper “fail-safe” driving capability. This remedy will be offered at no cost to owners for all affected vehicles, regardless of whether the affected vehicles are still covered under Hyundai’s New Vehicle Limited Warranty. Additionally, Hyundai will provide owners of affected vehicles reimbursement for out-of-pocket expenses incurred to obtain a remedy for the recall condition in accordance with the reimbursement plan submitted to NHTSA on February 24, 2022.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : The revised software logic in the transmission control unit was implemented in April and May 2022.

## Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified in accordance with the dates listed here.

Planned Dealer Notification Date : DEC 05, 2022 - DEC 05, 2022

Planned Owner Notification Date : DEC 05, 2022 - DEC 05, 2022

\* NR - Not Reported