Part 573 Safety Recall Report

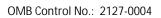
Manufacturer Name :	Hyundai Motor America
Submission Date :	OCT 05, 2021
NHTSA Recall No. :	21V-619
Manufacturer Recall No. :	208

Manufacturer Information :

Manufacturer Name	: Hyundai Motor America
Address	: 10550 Talbert Avenue
	Fountain Valley CA 92708
Company phone	: 800-633-5151

Vehicle Information :

	2017-2018 Hyuno	lai Sonata			
Vehicle Type :	LIGHT VEHICLES				
Body Style :	4-DOOR				
Power Train :	GAS				
Descriptive Information :	vehicles produced	l on May 2, 201	16 thro	ertain model year 2017-20 ugh July 18, 2018 by Hyund sale in the U.S. market.	
Production Dates :	MAY 02, 2016 - JU	L 18, 2018			
VIN Range 1: I	Begin :	NR	End :	NR	Not sequential
Vehicle 2:	2016-2018 Hyuno	lai Sonata Hyb	orid		
Vehicle Type :	LIGHT VEHICLES				
Body Style :	4-DOOR				
Power Train :	HYBRID ELECTRI	С			
Descriptive Information : The subject vehicles include 18,147 certain model year 2016-2018 Hyundai Sonata Hybrid vehicles produced on March 2, 2016 through March 30, 2018 by Hyundai Motor Company ("HMC") for sale in the U.S. market.					
Production Dates :	MAR 02, 2016 - M	AR 30, 2018			
		NR	End:	MD	Not sequential



21V-619

Population :

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

Number of potentially involved : 348,158 Estimated percentage with defect : 1 %

Part 573 Safety Recall Report

Page 2

volved Components :				
that can Occu		im nu may i cyu	ne mercuscu enort to op	en nom the latence position.
•	involvir	ng high ambient	temperature.	g environmental conditions en from the latched position.
Decominition of the Cour	in the tr Motor V	runk. Ås such, t Vehicle Safety St	he involved vehicles migl andard No. 401, "Interior	
		ged pawl could	prevent opening of the tr	runk lid through actuation of
FMVSS FMVSS		ternal trunk rel	ease	
Noncompliance	e : exposed attempt the paw	l to high ambien to release the p d.	nt temperature. While en pawl and open the trunk	thermally contract when ngaged under this condition, an lid could result in damage to
escription of Noncomplia	nce :			
VIN Range 1:	begin :	NR	End: NR	☐ Not sequentia
Production Dates :	Monterrey SEP 08, 202	("KMX") for sal 17 - MAY 31, 20	e in the U.S. market. 19	
Descriptive Information :				/ear 2018-2020 Hyundai Accent Iay 31, 2019 by Kia Motor
Power Train :				
Body Style :				
Vehicle 4 : Vehicle Type :		Hyundai Accen	IL	
Val-tala A	9010 0000	Umpda: A	+	
VIN Range 1:		NR	End: NR	Not sequentia
Production Dates :	vehicles pr Company (oduced on Marc "HMC") for sale	ch 8, 2016 through Nover in the U.S. market.	nber 21, 2016 by Hyundai Motor
Power Train : Descriptive Information :		t vehicles includ	le 3 786 certain model ve	ear 2016-2017 Hyundai Azera
Body Style :				
Vehicle Type :		ICLES		
venicie J.	2010-2017	Hyundai Azera		

The information contained in this report was submitted pursuant to 49 CFR §573

Part 573 Safety Recall Report

21V-619

Page 3

Component Name 1 :LATCH BASE, TRUNK LIDComponent Description :Base sub-component for trunk latch assemblyComponent Part Number :81231-C1010, 81231-A7030, 81231-3V000

Supplier Identification :

Component Manufacturer

Name :Pyeong Hwa AutomotiveAddress :1032, Daechun dong
Dalseo-gu Daegu Foreign States 42724Country :Korea, Republic of

Chronology :

June 2021

On June 16, Hyundai's North American Safety Office received a request from NHTSA to analyze a complaint received from a customer alleging the trunk of a model year 2017 Hyundai Sonata would not open. NASO's Data Review Committee conducted a preliminary investigation of the complaint noting that the incident trunk latch assembly's pawl sustained external damage and fractured. Citing the damaged pawl as a likely cause of the trunk's inability to open, NASO's DRC escalated the incident to the Technical Review Committee on June 21 for deeper analysis.

July 2021

NASO's TRC requested HMC to provide historical records involving manufacturing changepoints of the trunk latch assembly. HMC informed NASO that an increase in claims originating from high-temperature regions of the Middle East prompted an investigation in late 2017. The investigation resulted in "level-up" changes to improve the trunk latch assembly's pawl material and shape aimed at withstanding thermal contraction and potential breakage during attempts to disengage the pawl. Replication testing conducted by HMC at that time indicated that, while the trunk lid was able to be opened normally with a damaged pawl, the trunk lid became difficult to fully close in this condition. NASO's TRC noted that a damaged trunk latch pawl could affect full operation of the trunk's emergency release lever and requested HMC to investigate further.

On July 28, NASO reviewed the results of Hyundai's investigation with ODI. ODI confirmed its concern of the potential inability to open the trunk lid using the emergency release lever, which would not comply with the requirements set forth in FMVSS No. 401. Based on this information, NASO convened its North American Safety Decision Authority on July 30, 2021 and decided to file a new recall to address all affected Hyundai vehicles in the U.S. and Canada.

Hyundai is not aware of any related crashes, injuries, or fires to date.

Page 4

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 have the trunk latch base replaced. The remedy procedure will be performed at no charge. Hyundai will provide reimbursement to owners for repairs according to the plan submitted to the agency on May 16, 2018.
U I	The remedy trunk latch base pawl is produced with improved material increasing its resistance to thermal contraction. Additionally, the remedy pawl contains steel reinforcement to prevent damage and/or separation.
	The steel reinforcement was added to the pawl as a running production change on October 13, 2017. The injected material was changed as a running production change on July 18, 2018.

Recall Schedule :

Description of Recall Schedule :	Dealers/owners shall be notified beginning in early October 2021.
Planned Dealer Notification Date :	OCT 01, 2021 - OCT 01, 2021
Planned Owner Notification Date :	OCT 01, 2021 - OCT 01, 2021

* NR - Not Reported

The information contained in this report was submitted pursuant to 49 CFR \$573