Manufacturer Name :Toyota Motor Engineering & ManufacturingSubmission Date :DEC 20, 2023NHTSA Recall No. :23V-865Manufacturer Recall No. :See attached report

Manufacturer Information :

Manufacturer Name : Toyota Motor Engineering & Manufacturing Address : 6565 Headquarters Drive Plano TX 75024 Company phone : 1-800-331-4331

Population :

Number of potentially involved : 999,901 Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1:	2020-2021 Toyota Aval	on		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :	Although the involved v vehicles in this range we equipped with a front pa (OCS) sensors which ma supplier described in the not equipped with those manufacturing process, could have been manufa below. However, as the entered, Toyota has enter For the purpose of this r	ehicles are with ere sold in the U assenger seat th ay have been ma is report. Other e OCS sensors. H it is estimated the actured with a c NHTSA manufa ered the value " report, "1" mean	nin the above production p J.S. This issue only affects nat contains Occupant Class anufactured in a specific p r Toyota or Lexus vehicles Based on the supplier invest that approximately 0.2% of racked capacitor as descri- ncturer portal requires an 1" in response to this quest ns "0.2%".	period range, not all the vehicles ssification System eriod at a certain sold in the U.S. are stigation of its of the affected parts abed in Section 5 integer value be stion in the portal.
Production Dates :	JUL 02, 2020 - APR 20, 2	2021		
VIN Range 1:	Begin : NR	End :	NR	Not sequential

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



Vehicle 2:	2020-2021 Toy	ota Avalon Hyb	rid		
Vehicle Type :	-				
Body Style :					
Power Train :	NR		_		
Descriptive Information :	Although the inv vehicles in this r equipped with a (OCS) sensors w supplier describ not equipped w manufacturing p could have been below. Howeve entered, Toyota For the purpose	volved vehicles range were sold front passenge which may have bed in this repo- ith those OCS so process, it is est manufactured r, as the NHTSA has entered th of this report,	are with l in the U er seat th been ma rt. Other ensors. I imated to with a co manufa e value "	ain the above production p J.S. This issue only affects t hat contains Occupant Clas anufactured in a specific per r Toyota or Lexus vehicles Based on the supplier invest that approximately 0.2% o cracked capacitor as descri- acturer portal requires an i '1" in response to this quest ns "0.2%".	eriod range, not all he vehicles sification System eriod at a certain sold in the U.S. are tigation of its f the affected parts bed in Section 5 nteger value be tion in the portal.
Production Dates :	JUL 06, 2020 - M	IAY 07, 2021			
VIN Range 1:	Begin :	NR	End :	NR	Not sequential
Power Train : Descriptive Information :	NR Although the inv vehicles in this r equipped with a (OCS) sensors w supplier describ not equipped w manufacturing p could have been below. Howeve entered, Toyota For the purpose	volved vehicles range were solo front passenge which may have bed in this repo- ith those OCS so process, it is est manufactured r, as the NHTSA has entered th of this report,	are with l in the U er seat th been ma rt. Other ensors. H imated t with a c Manufa e value " 1" mean	nin the above production p J.S. This issue only affects t nat contains Occupant Clas anufactured in a specific pe r Toyota or Lexus vehicles Based on the supplier inves that approximately 0.2% o cracked capacitor as descri acturer portal requires an i '1" in response to this ques ns "0.2%".	eriod range, not all he vehicles sification System eriod at a certain sold in the U.S. are tigation of its f the affected parts bed in Section 5 nteger value be tion in the portal.
Production Dates :	JUL 01, 2020 - N	OV 09, 2021	E. J.	ND	
		NR	End :	NR	I Not segmential

Vehicle 4:	2020-2022 Toy	ota Camry Hybr	id	
Vehicle Type : Body Style				
Douy Style : Power Train :	NR			
Descriptive Information :	Although the in	wolwod wohiclos	are within the above production	poriod range not all
Descriptive information :	Although the in vehicles in this equipped with a (OCS) sensors v supplier descrift not equipped w manufacturing could have been below. Howeve entered, Toyota For the purpose	range were sold a front passenge which may have bed in this repor vith those OCS se process, it is est n manufactured er, as the NHTSA a has entered the e of this report, "	in the U.S. This issue only affects r seat that contains Occupant Class been manufactured in a specific p t. Other Toyota or Lexus vehicles nsors. Based on the supplier inve mated that approximately 0.2% of with a cracked capacitor as descr manufacturer portal requires an e value "1" in response to this que 1" means "0.2%".	the vehicles ssification System period at a certain s sold in the U.S. are stigation of its of the affected parts ibed in Section 5 integer value be stion in the portal.
Production Dates :	JUL 06, 2020 - S	SEP 21, 2021		
VIN Range 1:1	Begin :	NR	End: NR	Not sequential
Production Dates :	NR Although the in vehicles in this equipped with a (OCS) sensors v supplier descrift not equipped w manufacturing could have been below. Howeve entered, Toyota For the purpose	wolved vehicles range were sold a front passenge which may have bed in this repor vith those OCS se process, it is est n manufactured er, as the NHTSA a has entered the e of this report, "	are within the above production p in the U.S. This issue only affects r seat that contains Occupant Clas been manufactured in a specific p t. Other Toyota or Lexus vehicles nsors. Based on the supplier inve mated that approximately 0.2% of with a cracked capacitor as descr manufacturer portal requires an evalue "1" in response to this que 1" means "0.2%".	period range, not all the vehicles ssification System period at a certain s sold in the U.S. are stigation of its of the affected parts ibed in Section 5 integer value be stion in the portal.
Production Dates : VIN Range 1 : 1	MAY 29, 2020 - Begin :	MAR 03, 2021 NR	End: NR	☐ Not sequential
Production Dates : VIN Range 1 : I	could have been below. Howeve entered, Toyota For the purpose MAY 29, 2020 - Begin :	n manufactured er, as the NHTSA a has entered the e of this report, " MAR 03, 2021 NR	with a cracked capacitor as descr manufacturer portal requires an evalue "1" in response to this que 1" means "0.2%". End : NR	ibed in Section 5 integer value be stion in the port
The ir	formation contain	ed in this report w	as submitted pursuant to 49 CER 8573	

Vehicle 6:	2020-2021 Toy	ota Highlander/			
Vehicle Type :					
Body Style :					
Power Train :	NR				
Descriptive Information :	Although the ir vehicles in this equipped with (OCS) sensors v supplier descri not equipped w manufacturing could have bee below. Howeve entered, Toyota For the purpos	volved vehicles range were sold a front passenge which may have bed in this repor- vith those OCS se process, it is est n manufactured er, as the NHTSA a has entered the e of this report, f	are with in the U er seat the been m et. Othe ensors. I imated with a c manufa e value ' '1" mea	hin the above production U.S. This issue only affects hat contains Occupant Cla anufactured in a specific or Toyota or Lexus vehicle Based on the supplier inv that approximately 0.2% cracked capacitor as desc acturer portal requires ar "1" in response to this que ns "0.2%".	period range, not all s the vehicles assification System period at a certain is sold in the U.S. are estigation of its of the affected parts ribed in Section 5 in integer value be estion in the portal.
Production Dates : VIN Range 1 : 1	MAY 20, 2020 - Begin :	SEP 30, 2021 NR	End :	NR	Not sequential
Body Style : Power Train : Descriptive Information : Production Dates :	NR Although the ir vehicles in this equipped with (OCS) sensors supplier descri not equipped w manufacturing could have bee below. Howeve entered, Toyota For the purpos JUN 04, 2020 - 3	volved vehicles range were sold a front passenge which may have bed in this repor- vith those OCS se process, it is est n manufactured er, as the NHTSA a has entered the e of this report, "	are with in the U er seat the been m et. Othe ensors. I imated with a c manufa e value ' 1" mea	hin the above production U.S. This issue only affects hat contains Occupant Cla anufactured in a specific or Toyota or Lexus vehicle Based on the supplier inv that approximately 0.2% cracked capacitor as desc acturer portal requires an "1" in response to this qu ns "0.2%".	period range, not all s the vehicles assification System period at a certain as sold in the U.S. are estigation of its of the affected parts ribed in Section 5 n integer value be estion in the portal.
VIN Range 1:1	Begin :	NR	End :	NR	Not sequential
The in	formation contair	ned in this report w	as submi	itted pursuant to 49 CFR §573	3

Vehicle 8:	2020-2021 Toy	ota RAV4			
Vehicle Type :					
Body Style :					
Power Train :	NR				
Descriptive Information :	Although the im vehicles in this equipped with a (OCS) sensors v supplier descrift not equipped w manufacturing could have been below. Howeve entered, Toyota For the purpose	volved vehicles range were sold a front passenge which may have bed in this repor vith those OCS se process, it is est n manufactured er, as the NHTSA a has entered the e of this report, "	are with in the U r seat th been ma t. Othe msors. I imated with a c manufa e value ' 1" mea	hin the above production p U.S. This issue only affects hat contains Occupant Clas anufactured in a specific p r Toyota or Lexus vehicles Based on the supplier inves that approximately 0.2% o cracked capacitor as descri acturer portal requires an "1" in response to this ques ns "0.2%".	period range, not all the vehicles sification System eriod at a certain sold in the U.S. are stigation of its of the affected parts bed in Section 5 integer value be stion in the portal.
Production Dates :	JUN 08, 2020 - I	MAY 25, 2021			
VIN Range 1:	Begin :	NR	End :	NR	☐ Not sequential
Power Train : Descriptive Information :	NR Although the in vehicles in this equipped with a (OCS) sensors v supplier descrift not equipped w manufacturing could have been below. Howeve entered, Toyota For the purpose	volved vehicles range were sold a front passenge which may have bed in this repor vith those OCS se process, it is est n manufactured er, as the NHTSA a has entered the e of this report, "	are with in the U r seat th been m t. Othe msors. I imated with a c manufa e value ' 1" mea	hin the above production p U.S. This issue only affects hat contains Occupant Clas anufactured in a specific p r Toyota or Lexus vehicles Based on the supplier inves that approximately 0.2% o cracked capacitor as descri acturer portal requires an "1" in response to this ques ns "0.2%".	period range, not all the vehicles sification System eriod at a certain sold in the U.S. are stigation of its of the affected parts bed in Section 5 integer value be stion in the portal.
Production Dates :	JUN 08, 2020 - I	NOV 12, 2021	End.	ND	
UIND . 1	Begin :	NK	End:	NR	Not sequential

Vehicle Vehicle T Body S	: 10 : 2021-2021 ' 'ype : tyle :	Toyota Sienna H	Iybrid	
Power T	rain: NR			
Descriptive Informa	tion : Although the vehicles in t equipped wi (OCS) senso supplier des not equippe manufactur could have t below. How entered, Toy For the purp	e involved vehic his range were ith a front passe rs which may h scribed in this re d with those OC ing process, it is been manufactu vever, as the NH yota has entered bose of this repo	cles are within the above pr sold in the U.S. This issue of enger seat that contains Occ ave been manufactured in a eport. Other Toyota or Lexu S sensors. Based on the sup estimated that approximate red with a cracked capacito TSA manufacturer portal red the value "1" in response to ort, "1" means "0.2%".	oduction period range, not all hly affects the vehicles upant Classification System a specific period at a certain us vehicles sold in the U.S. are oplier investigation of its cely 0.2% of the affected parts or as described in Section 5 equires an integer value be to this question in the portal.
Production Da	ates : OCT 13, 202	20 - MAR 30, 202	21	_
VIN Rang	ge 1 : Begin :	NR	End: NR	☐ Not sequential
Vehicle T Body S Power T Descriptive Informa Production D	ype : tyle : rain : NR tion : Although the vehicles in t equipped wi (OCS) senso supplier des not equippe manufacturi could have t below. How entered, Toy For the purp ates : AUG 05, 202	e involved vehic his range were ith a front passe rs which may h scribed in this re d with those OC ing process, it is been manufactu vever, as the NH yota has entered bose of this repo	cles are within the above pr sold in the U.S. This issue of enger seat that contains Occ ave been manufactured in a eport. Other Toyota or Lexu S sensors. Based on the sup estimated that approximat red with a cracked capacito TSA manufacturer portal red the value "1" in response to ort, "1" means "0.2%".	oduction period range, not all hly affects the vehicles upant Classification System a specific period at a certain us vehicles sold in the U.S. are oplier investigation of its cely 0.2% of the affected parts or as described in Section 5 equires an integer value be to this question in the portal.
VIN Rang	ge 1 : Begin :	NR	Fnd · NR	□ Not sequential

Vehicle 12 ·	2020-2021 Los	aus FS350			
Vehicle Type :	2020-2021 LCA	us 15550			
Body Style :	ND				
Power Train : Descriptive Information :	NK Although the ir	wolved vehicles	are wit	hin the above production r	period range not all
bescriptive information .	vehicles in this equipped with (OCS) sensors supplier descri not equipped v manufacturing could have bee below. Howeve entered, Toyot For the purpos	range were sold a front passenge which may have bed in this repor vith those OCS se process, it is est n manufactured er, as the NHTSA a has entered the e of this report, '	in the l or seat t been m t. Othe ensors. I imated with a c manufa e value 6	U.S. This issue only affects that contains Occupant Class anufactured in a specific per r Toyota or Lexus vehicles Based on the supplier invest that approximately 0.2% of cracked capacitor as descri acturer portal requires an t "1" in response to this quest ns "0.2%".	the vehicles sification System eriod at a certain sold in the U.S. are stigation of its of the affected parts bed in Section 5 integer value be stion in the portal.
Production Dates :	JUL 02, 2020 - A	APR 16, 2021			
VIN Range 1:	Begin :	NR	End :	NR	Not sequential
Vehicle 13 : Vehicle Type : Body Style : Power Train : Descriptive Information : Production Dates :	2020-2022 Lex NR Although the ir vehicles in this equipped with (OCS) sensors supplier descri not equipped v manufacturing could have bee below. Howeve entered, Toyot For the purpos JUL 06, 2020 - S	tus ES300H nvolved vehicles range were sold a front passenge which may have bed in this repor vith those OCS se process, it is est n manufactured er, as the NHTSA a has entered the e of this report, '	are with in the b r seat the been m rt. Othe masors. I imated with a c manufa e value f 1" mea	hin the above production p U.S. This issue only affects hat contains Occupant Clas anufactured in a specific p r Toyota or Lexus vehicles Based on the supplier inves that approximately 0.2% o cracked capacitor as descri acturer portal requires an "1" in response to this ques ns "0.2%".	period range, not all the vehicles sification System eriod at a certain sold in the U.S. are stigation of its of the affected parts bed in Section 5 integer value be stion in the portal.
VIN Range 1:1	Begin :	NR	End :	NR	Not sequential
The ir	formation contair	and in this ronart w	as submi	itted nursuant to 10 CEP 8573	

		DUCES			
Vehicle 14:	2020-2021 Lex	us RX350			
Body Style :					
Power Train :	NR				
Descriptive Information :	Although the invehicles in this equipped with a (OCS) sensors v supplier descrift not equipped w manufacturing could have been below. Howeve entered, Toyota For the purpose	volved vehicles range were sold a front passenge which may have bed in this repor ith those OCS se process, it is est n manufactured er, as the NHTSA has entered the e of this report, "	are wit l in the er seat t been m rt. Othe ensors. I imated with a o manuf e value "1" mea	hin the above production p U.S. This issue only affects hat contains Occupant Class anufactured in a specific p or Toyota or Lexus vehicles Based on the supplier inve- that approximately 0.2% of cracked capacitor as descri- acturer portal requires an "1" in response to this que- ns "0.2%".	period range, not all the vehicles sification System eriod at a certain sold in the U.S. are stigation of its of the affected parts bed in Section 5 integer value be stion in the portal.
Production Dates :	JUN 12, 2020 - N	MAR 05, 2021			
VIN Range 1:	Begin :	NR	End :	NR	Not sequential
Vehicle Type : Body Style : Power Train : Descriptive Information : Production Dates : VIN Range 1 :	NR Although the imvehicles in this equipped with a (OCS) sensors v supplier descrift not equipped w manufacturing could have been below. Howeve entered, Toyota For the purpose JUN 15, 2020 - M Begin :	volved vehicles range were sold a front passenge vhich may have bed in this repor ith those OCS se process, it is est n manufactured er, as the NHTSA has entered the e of this report, ' MAR 04, 2021 NR	are wit in the been m rt. Othe ensors. I imated with a manuf e value '1" mea End :	hin the above production p U.S. This issue only affects hat contains Occupant Clas anufactured in a specific p or Toyota or Lexus vehicles Based on the supplier inve- that approximately 0.2% of cracked capacitor as descri- acturer portal requires an "1" in response to this que- ns "0.2%".	beriod range, not all the vehicles ssification System eriod at a certain sold in the U.S. are stigation of its of the affected parts ibed in Section 5 integer value be stion in the portal.
vin kange 1:	begin:	INK	End :	NK	

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Description of Defect :

FMVSS 1 :NRFMVSS 2 :NRDescription of the Safety Risk ;If the short circuit occurs, the SRS warning lamp will illuminate, the "Passenger Airbag OFF" lamp will illuminate, Multi-Information Display (MID) message will display, and the front passenger airbag may not deploy in certain crashes as designed, increasing the risk of injury to an occupant in the seat.Description of the Cause :NRIdentification of Any Warning that can OccurNR	Description of the Defect :	The subject vehicles are equipped with a front passenger seat that contains Occupant Classification System (OCS) sensors which provide input to the Supplemental Restraint System (SRS) to determine the deployment strategy of the front passenger airbag, depending on the occupant load. There is a possibility that, during the production process in a specific period at a certain supplier, the OCS sensor Printed Circuit Board (PCB) became deformed, causing a crack to form in a capacitor, which can allow moisture to enter the capacitor over time and result in a short circuit. If this occurs, the SRS warning lamp will illuminate, the "Passenger Airbag OFF" lamp will illuminate, Multi- Information Display (MID) message will display, and the front passenger airbag may not deploy in certain crashes as designed, increasing the risk of injury to an occupant in the seat.
Description of the Safety Risk :If the short circuit occurs, the SRS warning lamp will illuminate, the "Passenger Airbag OFF" lamp will illuminate, Multi-Information Display (MID) message will display, and the front passenger airbag may not deploy in certain crashes as designed, increasing the risk of injury to an occupant in the seat.Description of the Cause :NRIdentification of Any Warning that can Occur :NR	FMVSS 1 : FMVSS 2 :	NR NR
Description of the Cause : NR Identification of Any Warning that can Occur :	Description of the Safety Risk :	If the short circuit occurs, the SRS warning lamp will illuminate, the "Passenger Airbag OFF" lamp will illuminate, Multi-Information Display (MID) message will display, and the front passenger airbag may not deploy in certain crashes as designed, increasing the risk of injury to an occupant in the seat.
Identification of Any Warning NR that can Occur :	Description of the Cause :	NR
	Identification of Any Warning that can Occur :	NR

Involved Components :

Component Name 1:	SENSOR SUB-ASSY, WEIGHT DETECTOR, FR IN
Component Description :	OCS Sensor
Component Part Number :	89105-0E040

Component Name 2: SENSOR SUB-ASSY, WEIGHT DETECTOR, RR IN

Component Description : OCS Sensor

Component Part Number: 89107-0E040

Supplier Identification :

The information contained in this report was submitted pursuant to 49 CFR $\S573$

Component ManufacturerName :Aisin Electronics IllinoisAddress :11200 Redco Drive Marion Illinois 62959Country :United States	, LLC
Chronology : See attached Part 573 Report	
Description of Remedy :	
Description of Remedy Program :	All known owners of the subject vehicles will be notified by first class mail to return their vehicles to Toyota and Lexus dealers. The dealers will inspect the OCS sensors and, if necessary, replace them with an improved one at no cost. The owner letter will instruct vehicle owners who have paid to have this condition remedied prior to this campaign to seek reimbursement pursuant to Toyota's General Reimbursement Plan.
How Remedy Component Differs from Recalled Component :	NR
Identify How/When Recall Condition was Corrected in Production :	NR
Recall Schedule :	
Description of Recall Schedule :	Notifications to owners of the affected vehicles will occur by February 18, 2024. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors / dealers will be sent on December 20, 2023. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date :DEC 20, 2023 - DEC 20, 2023Planned Owner Notification Date :FEB 04, 2024 - FEB 18, 2024

* NR - Not Reported

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