#### OMB Control No.: 2127-0004

# Part 573 Safety Recall Report

# 19V-684

**Manufacturer Name:** BMW of North America, LLC

Submission Date: SEP 27, 2019 NHTSA Recall No.: 19V-684

Manufacturer Recall No.: Toyota: 19TA19



#### **Manufacturer Information:**

Manufacturer Name: BMW of North America, LLC

Address: P.O. Box 1227

Westwood NJ 07675-1227

Company phone: 18005257417

# **Population:**

Number of potentially involved : NR Estimated percentage with defect : NR

#### **Vehicle Information:**

Vehicle 1: 2018-2020 BMW 530i, 530i xDrive, 540i, 540i xDrive, M550i xDrive, M5

Vehicle Type: LIGHT VEHICLES

Body Style : 4-DOOR Power Train : GAS

Descriptive Information: Approximately TBD vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not

fully conform to FMVSS 111 Section 5.5.6.

Production Dates: MAY 02, 2018 - SEP 02, 2019

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

Vehicle 2: 2018-2020 BMW X3 sDrive, X3 xDrive, X3 M40i, X3 M

Vehicle Type: LIGHT VEHICLES

Body Style: SUV Power Train: GAS

Descriptive Information: Approximately TBD vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not

fully conform to FMVSS 111 Section 5.5.6.

Production Dates: MAY 01, 2018 - AUG 13, 2019

Vehicle Type : Body Style : Power Train :	GAS	S			
Descriptive Information :	Approximately T	GBD vehicles ma	ay not fu	ılly conform to FMVSS	111 Section 5.5.6.
	Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.				
	Recall componer fully conform to				earview camera may not
Production Dates :	JUL 10 2018 - Al	UG 13. 2019			
VIN Range 1:		NR	End:	NR	☐ Not sequential
	LIGHT VEHICLES 4-DOOR		xDrive, 7	750Li, 750Li xDrive	
Descriptive Information :	Approximately T	BD vehicles ma	ay not fu	ally conform to FMVSS	111 Section 5.5.6.
	Approximately TBD vehicles may not fully conform to FMVSS 111 Section 5.5.6.  Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.  Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.				
Production Dates :	MAY 02, 2018 - F	FEB 22, 2019			
VIN Range 1:	Begin:	NR	End:	NR	☐ Not sequential
	LIGHT VEHICLES 2-DOOR GAS Approximately T	S TBD vehicles ma	ay not fu	·	
	-	-		-	with FMVSS 111 S5.5.6.
	Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.				
Production Dates :	MAR 01, 2019 - S	SEP 02, 2019			
VIN Range 1:	Begin :	NR	End:	NR	☐ Not sequential
Vehicle 6:	2019-2020 BMW	V X4 xDrive, X4	M40i, X	4 M	

V -	LIGHT VEHICLE	S			
Body Style : Power Train :					
	Approximately TBD vehicles may not fully conform to FMVSS 111 Section 5.5.6.				
•	v v				
	Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.				
	Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.				
Production Dates :	MAY 23, 2018 - A	AUG 13, 2019			
VIN Range 1:	Begin:	NR	End: NR		☐ Not sequential
Vehicle 7:	2019-2020 BMV	V X5 sDrive, X5	xDrive, X5 M50	Di	
V 2	LIGHT VEHICLE	S			
Body Style : Power Train :					
Descriptive Information :		ΓBD vehicles m	ay not fully con	form to FMVSS 11	1 Section 5.5.6.
•	· ·				
	implementation				om May 1, 2018 until FMVSS 111 S5 5 6
					1111100 111 00.0.0.
	Recall componer fully conform to		non-recall com		view camera may not
Production Dates :	fully conform to	FMVSS 111 Sec	non-recall com		
Production Dates : VIN Range 1 :	fully conform to MAY 21, 2018 - A	FMVSS 111 Sec	non-recall com		
VIN Range 1:	fully conform to MAY 21, 2018 - A	FMVSS 111 Sec AUG 13, 2019 NR	non-recall cometion 5.5.6. End: NR		view camera may not
VIN Range 1 :  Vehicle 8 :  Vehicle Type :	fully conform to  MAY 21, 2018 - A  Begin:  2019-2020 BMV  LIGHT VEHICLE	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6	non-recall cometion 5.5.6. End: NR		view camera may not
VIN Range 1 :  Vehicle 8 :  Vehicle Type :  Body Style :	fully conform to  MAY 21, 2018 - A  Begin:  2019-2020 BMV  LIGHT VEHICLE SUV	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6	non-recall cometion 5.5.6. End: NR		view camera may not
VIN Range 1:  Vehicle 8:  Vehicle Type:  Body Style:  Power Train:	fully conform to  MAY 21, 2018 - A Begin:  2019-2020 BMV LIGHT VEHICLE SUV GAS	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6 S	non-recall cometion 5.5.6.  End: NR  M50i	nponent: The rearv	view camera may not
VIN Range 1 :  Vehicle 8 :  Vehicle Type :  Body Style :	fully conform to  MAY 21, 2018 - A Begin:  2019-2020 BMV LIGHT VEHICLE SUV GAS Approximately	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6 S	non-recall cometion 5.5.6.  End: NR  M50i	form to FMVSS 11	Not sequential  Section 5.5.6.
VIN Range 1:  Vehicle 8:  Vehicle Type:  Body Style:  Power Train:	fully conform to  MAY 21, 2018 - A Begin:  2019-2020 BMV LIGHT VEHICLE SUV GAS Approximately T Basis for recall p	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6 S	non-recall cometion 5.5.6.  End: NR  M50i  ay not fully contrmination: Veh	form to FMVSS 11	view camera may not
VIN Range 1:  Vehicle 8:  Vehicle Type:  Body Style:  Power Train:	fully conform to MAY 21, 2018 - A Begin:  2019-2020 BMV LIGHT VEHICLE SUV GAS Approximately T Basis for recall p implementation	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6 S FBD vehicles managed opulation detection of rearview can	non-recall cometion 5.5.6.  End: NR  M50i  ay not fully contraction: Vehuera software in non-recall cometion.	form to FMVSS 11 nicles produced fro in accordance with	Not sequential  1 Section 5.5.6.  2 m May 1, 2018 until
VIN Range 1:  Vehicle 8:  Vehicle Type:  Body Style:  Power Train:	fully conform to  MAY 21, 2018 - A  Begin:  2019-2020 BMV  LIGHT VEHICLE  SUV  GAS  Approximately T  Basis for recall p implementation  Recall componer fully conform to	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6 S FBD vehicles man population dete of rearview can nt difference to FMVSS 111 Sec	non-recall cometion 5.5.6.  End: NR  M50i  ay not fully contraction: Vehuera software in non-recall cometion.	form to FMVSS 11 nicles produced fro in accordance with	Not sequential  1 Section 5.5.6.  2 May 1, 2018 until FMVSS 111 S5.5.6.
VIN Range 1:  Vehicle 8: Vehicle Type: Body Style: Power Train: Descriptive Information:	fully conform to MAY 21, 2018 - A Begin:  2019-2020 BMV LIGHT VEHICLE SUV GAS Approximately T Basis for recall p implementation Recall componer fully conform to JUN 13, 2018 - JU	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6 S FBD vehicles man population dete of rearview can nt difference to FMVSS 111 Sec	non-recall cometion 5.5.6.  End: NR  M50i  ay not fully contraction: Vehuera software in non-recall cometion.	form to FMVSS 11 nicles produced fro in accordance with	Not sequential  1 Section 5.5.6.  2 May 1, 2018 until FMVSS 111 S5.5.6.
VIN Range 1:  Vehicle 8: Vehicle Type: Body Style: Power Train: Descriptive Information:  Production Dates: VIN Range 1:	fully conform to MAY 21, 2018 - A Begin:  2019-2020 BMV LIGHT VEHICLE SUV GAS Approximately T Basis for recall p implementation Recall componer fully conform to JUN 13, 2018 - JU	FMVSS 111 Sec AUG 13, 2019 NR V X6 xDrive, X6 S FBD vehicles man population dete of rearview can not difference to FMVSS 111 Sec UL 30, 2019 NR	non-recall competion 5.5.6.  End: NR  M50i  ay not fully conformination: Vehenera software in the conformination of the conforminati	form to FMVSS 11 nicles produced fro in accordance with	Not sequential  Section 5.5.6.  May 1, 2018 until FMVSS 111 S5.5.6.  View camera may not

Body Style :					
Power Train :	GAS				
Descriptive Information :	Approximately TBD vehicles may not fully conform to FMVSS 111 Section 5.5.6.				
	Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.				
	Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.				
Production Dates :	MAY 08, 2018 -	JUN 27, 2019			
VIN Range 1:	Begin:	NR	End: NR		☐ Not sequential
Vehicle Type : Body Style :		•	om		
Power Train:					
Descriptive Information :	Approximately '	IBD vehicles m	ay not fully conf	orm to FMVSS 111	Section 5.5.6.
					m May 1, 2018 until FMVSS 111 S5.5.6.
	Recall compone fully conform to			ponent: The rearv	iew camera may not
Production Dates :	MAY 01 2018 -	AUG 13 2019			
VIN Range 1:		NR	End: NR		$\square$ Not sequential
	LIGHT VEHICLE 2-DOOR	-	oe (840i, 840i xD	orive, M850i xDriv	e)
Descriptive Information :	Approximately '	TBD vehicles m	ay not fully conf	orm to FMVSS 111	Section 5.5.6.
					m May 1, 2018 until FMVSS 111 S5.5.6.
	Recall compone fully conform to		•	ponent: The rearv	iew camera may not
Production Dates :	MAY 08, 2019 -	SEP 02, 2019			
VIN Range 1:	Begin:	NR	End: NR		☐ Not sequential
	2019-2019 BMV LIGHT VEHICLE		e Gran Coupe		
Body Style :	4-DOOR				

Power Train :	GAS				
Descriptive Information :	Approximately 7	TBD vehicles ma	ay not fully	conform to FMVSS 1	11 Section 5.5.6.
					rom May 1, 2018 until th FMVSS 111 S5.5.6.
	Recall componer fully conform to			component: The rea	rview camera may not
Production Dates :	OCT 24, 2018 - C	CT 24, 2018			
VIN Range 1:	Begin:	NR	End: NR		☐ Not sequential
			rive, M340i,	M340i xDrive	
Descriptive Information :	Approximately 7	TBD vehicles ma	ay not fully	conform to FMVSS 1	11 Section 5.5.6.
					rom May 1, 2018 until th FMVSS 111 S5.5.6.
	Recall componer fully conform to			component: The rea	rview camera may not
Production Dates :	MAY 14, 2018 - A	AUG 06, 2019			
VIN Range 1:	Begin:	NR	End: NR		☐ Not sequential
			M40i		
Descriptive Information :	Approximately 7	TBD vehicles ma	ay not fully	conform to FMVSS 1	11 Section 5.5.6.
					rom May 1, 2018 until th FMVSS 111 S5.5.6.
	Recall componer fully conform to			component: The rea	rview camera may not
Production Dates :	MAY 24, 2019 - A	AUG 26, 2019			
VIN Range 1:	Begin:	NR	End: NR		■ Not sequential
		·	n		

Descriptive Information :	: Approximately TBD vehicles may not fully conform to FMVSS 111 Section 5.5.6.				
	Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.				
	•				
	Recall component			he rearview camera may not	
Production Dates :	SEP 06. 2018 - Al	UG 28. 2019			
VIN Range 1:		NR	End: NR	☐ Not sequential	
				- •	
	2020-2020 Toyo	•			
	BUSES, MEDIUM	& HEAVY VEH	ICLES		
Body Style :					
Power Train:					
Descriptive Information :	Approximately T	BD vehicles ma	y not fully conform to FM	VSS 111 Section 5.5.6.	
	Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.				
	Recall componer fully conform to		-	he rearview camera may not	
Production Dates:	FEB 06, 2019 - A	UG 26, 2019			
Production Dates : VIN Range 1 :		UG 26, 2019 NR	End: NR	☐ Not sequential	
			End: NR	☐ Not sequential	
VIN Range 1:  Vehicle 17:	Begin : 2018-2020 BMW	NR / 530e, 530e xI		☐ Not sequential	
VIN Range 1 :  Vehicle 17 :  Vehicle Type :	Begin : 2018-2020 BMW LIGHT VEHICLES	NR / 530e, 530e xI		☐ Not sequential	
VIN Range 1 :  Vehicle 17 :  Vehicle Type :  Body Style :	Begin : 2018-2020 BMW LIGHT VEHICLES 4-DOOR	NR / 530e, 530e xE		☐ Not sequential	
VIN Range 1:  Vehicle 17:  Vehicle Type:  Body Style:  Power Train:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR	NR / 530e, 530e xI S	Prive		
VIN Range 1 :  Vehicle 17 :  Vehicle Type :  Body Style :	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR	NR / 530e, 530e xI S	Prive		
VIN Range 1:  Vehicle 17:  Vehicle Type:  Body Style:  Power Train:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p	NR / 530e, 530e xI S IC // BD vehicles ma	orive by not fully conform to FM cmination: Vehicles produ		
VIN Range 1:  Vehicle 17:  Vehicle Type:  Body Style:  Power Train:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p implementation	NR / 530e, 530e xI S IC // BD vehicles ma opulation deter of rearview car at difference to	prive  by not fully conform to FM  cmination: Vehicles produ  nera software in accordan  non-recall component: Tl	VSS 111 Section 5.5.6. uced from May 1, 2018 until	
VIN Range 1:  Vehicle 17: Vehicle Type: Body Style: Power Train: Descriptive Information:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p implementation Recall component fully conform to	NR 7 530e, 530e xI S IC BD vehicles material opulation determined to the control of the control	prive  by not fully conform to FM  cmination: Vehicles produ  nera software in accordan  non-recall component: Tl	VSS 111 Section 5.5.6.  uced from May 1, 2018 until ace with FMVSS 111 S5.5.6.	
VIN Range 1:  Vehicle 17: Vehicle Type: Body Style: Power Train: Descriptive Information:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p implementation Recall componer fully conform to	NR / 530e, 530e xI S IC / BD vehicles ma opulation deter of rearview car at difference to FMVSS 111 Sec EP 02, 2019	prive  by not fully conform to FM  cmination: Vehicles produ  nera software in accordant  non-recall component: The  tion 5.5.6.	VSS 111 Section 5.5.6.  uced from May 1, 2018 until ace with FMVSS 111 S5.5.6.  the rearview camera may not	
VIN Range 1:  Vehicle 17: Vehicle Type: Body Style: Power Train: Descriptive Information:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p implementation Recall componer fully conform to	NR 7 530e, 530e xI S IC BD vehicles material opulation determined to the control of the control	prive  by not fully conform to FM  cmination: Vehicles produ  nera software in accordan  non-recall component: Tl	VSS 111 Section 5.5.6.  uced from May 1, 2018 until ace with FMVSS 111 S5.5.6.	
VIN Range 1:  Vehicle 17: Vehicle Type: Body Style: Power Train: Descriptive Information:  Production Dates: VIN Range 1:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p implementation Recall componer fully conform to	NR / 530e, 530e xI S IC / BD vehicles ma opulation deter of rearview can at difference to FMVSS 111 Sec EP 02, 2019 NR	prive  by not fully conform to FM  cmination: Vehicles produ  nera software in accordant  non-recall component: The  tion 5.5.6.	VSS 111 Section 5.5.6.  uced from May 1, 2018 until ace with FMVSS 111 S5.5.6.  the rearview camera may not	
Vehicle 17: Vehicle Type: Body Style: Power Train: Descriptive Information:  Production Dates: VIN Range 1:  Vehicle 18:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p implementation Recall componentially conform to 1 MAY 02, 2018 - S Begin:	NR / 530e, 530e xI S IC / BD vehicles ma opulation deter of rearview can at difference to FMVSS 111 Sec EP 02, 2019 NR	prive  by not fully conform to FM  cmination: Vehicles produ  nera software in accordant  non-recall component: The  tion 5.5.6.	VSS 111 Section 5.5.6.  uced from May 1, 2018 until ace with FMVSS 111 S5.5.6.  the rearview camera may not	
Vehicle 17: Vehicle Type: Body Style: Power Train: Descriptive Information:  Production Dates: VIN Range 1:  Vehicle 18:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p implementation Recall componer fully conform to MAY 02, 2018 - S Begin:  2018-2018 BMW LIGHT VEHICLES	NR / 530e, 530e xI S IC / BD vehicles ma opulation deter of rearview can at difference to FMVSS 111 Sec EP 02, 2019 NR	prive  by not fully conform to FM  cmination: Vehicles produ  nera software in accordant  non-recall component: The  tion 5.5.6.	VSS 111 Section 5.5.6.  uced from May 1, 2018 until ace with FMVSS 111 S5.5.6.  the rearview camera may not	
VIN Range 1:  Vehicle 17: Vehicle Type: Body Style: Power Train: Descriptive Information:  Production Dates: VIN Range 1:  Vehicle 18: Vehicle Type:	Begin:  2018-2020 BMW LIGHT VEHICLES 4-DOOR HYBRID ELECTR Approximately T Basis for recall p implementation Recall component fully conform to MAY 02, 2018 - S Begin:  2018-2018 BMW LIGHT VEHICLES 4-DOOR	NR / 530e, 530e xI S IC / BD vehicles ma opulation deter of rearview can at difference to FMVSS 111 Sec EP 02, 2019 NR	prive  by not fully conform to FM  cmination: Vehicles produ  nera software in accordant  non-recall component: The  tion 5.5.6.	VSS 111 Section 5.5.6.  uced from May 1, 2018 until ace with FMVSS 111 S5.5.6.  the rearview camera may not	

**Descriptive Information:** 

Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not

End: NR

fully conform to FMVSS 111 Section 5.5.6.

Production Dates: MAY 07, 2018 - JUN 25, 2019

VIN Range 1: Begin:

Vehicle 19: 2019-2020 BMW 740Le xDrive, 745Le xDrive

Vehicle Type: LIGHT VEHICLES

Body Style: 4-DOOR

Power Train: HYBRID ELECTRIC

Descriptive Information: Approximately TBD vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not

fully conform to FMVSS 111 Section 5.5.6.

Production Dates: JUN 05, 2018 - FEB 04, 2019

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

Not sequential

### **Description of Noncompliance:**

Description of the This recall involves the FMVSS 111 Section 5.5.6 Default View requirements. Noncompliance: Affected vehicles may not fully conform to Section 5.5.6 due to the ability of a

vehicle operator to adjust brightness and contrast settings. When brightness is set at/near its lowest adjustment, and contrast is set at/near is highest setting, then at the next backing event, the displayed image may not fully conform to

the requirements of Section 5.5.6.

FMVSS 1: 111 - Rearview mirrors

FMVSS 2: NR

Description of the Safety Risk: At the next backing event, if a vehicle operator relied on the displayed image

with brightness set at/near its lowest adjustment setting, and contrast set at/ near its highest adjustment setting, this could increase the risk of a crash or

injury to persons who may be behind the vehicle.

Description of the Cause: NR

Identification of Any Warning Even though the image may not fully confirm to FMVSS 111 S5.5.6, affected

that can Occur: vehicles are equipped with a Park Distance Control (PDC) system which alerts

vehicle operators, both audibly and visually, to objects behind a vehicle.

# **Supplier Identification:**

# **Component Manufacturer**

Name: NR

Address: NR

NR

Country: NR

### **Chronology:**

On May 15, 2019, the NHTSA Office of Vehicle Safety Compliance (OVSC) contacted BMW and discussed the performance of the rearview camera system in a Model Year 2019 BMW X4 and requested BMW to provide an assessment. A follow-up discussion occurred on May 22nd.

On June 7, 2019, BMW provided its assessment to NHTSA including information pertaining to the compliance of its rearview camera systems. NHTSA OVSC indicated that they would review the information and respond to BMW's assessment.

On August 20th, NHTSA OVSC and BMW had a follow up discussion, and OVSC asked additional questions regarding information provided by BMW on June 7th.

On September 10th, OVSC and BMW had an additional meeting where OVSC provided its assessment of BMW's compliance to FMVSS 111.

BMW performed reviews of its technical development, engineering release, and vehicle assembly information to identify the number and production date range of potentially affected vehicles.

On September 20, 2019, it was determined that potentially affected vehicles may not fully conform to FMVSS 111 Section 5.5.6. As a result, BMW decided to conduct a voluntary recall.

#### **Description of Remedy:**

Description of Remedy Program: The rearview camera software will be updated to reduce the brightness and contrast adjustment range.

> Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW center / Toyota dealer to have the remedy performed for free. If this condition were to occur to a potentially affected vehicle prior to this recall, the remedy would be covered by the BMW / Toyota New Vehicle Limited Warranty program. Therefore, reimbursement for a pre-notification remedy re Part 573.13 and Part

577.11 is not necessary.

How Remedy Component Differs Recall component: Rearview Camera Software – No P/N.

from Recalled Component:

Identify How/When Recall Condition NR was Corrected in Production:

#### **Recall Schedule:**

Description of Recall Schedule: Dealer notification is planned to begin and end on September 27, 2019.

Owner notification is planned to begin and end on November 16, 2019.

Toyota's Recall Schedule:

Planned Dealer Notification Begin Date: 09/27/2019

Planned Dealer Notification End Date: 09/27/2019 Planned Owner Notification Begin Date: 11/5/2019

Planned Owner Notification End Date: 11/5/2019

Planned Dealer Notification Date: SEP 27, 2019 - SEP 27, 2019 Planned Owner Notification Date: NOV 19, 2019 - NOV 19, 2019

<sup>\*</sup> NR - Not Reported