

Blind Spot Monitor DTC C1AC1 or C1AC2

Service Category Audio/Visual/Telematics

Section Park Assist/Monitoring

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2019	Tacoma	

Introduction

Some 2019 model year Tacoma vehicles may exhibit a Blind Spot Monitor System warning message with any of the following Diagnostic Trouble Codes (DTCs) present.

- C1AC1 – Master Module Horizontal Axis Misalignment
- C1AC2 – Slave Module Horizontal Axis Misalignment

Follow the Repair Procedure in this bulletin to address this condition.

Blind Spot Monitor DTC C1AC1 or C1AC2

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	DRIVETRAIN	ENGINE	PRODUCTION CHANGE EFFECTIVE VIN
Tacoma	TMMTX	2WD	2TR	5TFRX5GN#KX163329
				5TFAX5GN#KX163330
			2GR	5TFAZ5CN#KX087107
				5TFBZ5DN#KX004926
				5TFEZ5CN#KX087126
				5TFRZ5CN#KX087102
		4WD	2TR	5TFSX5EN#KX070691
			2GR	5TFCZ5AN#KX210055
				5TFSZ5AN#KX210060
				5TFDZ5BN#KX046408
	5TFGZ5AN#KX210201			
	3TMAZ5CN#KM113871			
	3TMBZ5DN#KM023284			
	3TMEZ5CN#LM114685			
	3TMCZ5AN#KM285777			
	3TMGZ5AN#KM285795			
	3TMDZ5BN#KM079287			
TMMBC	2WD	2GR	3TMAZ5CN#KM113871	
			3TMBZ5DN#KM023284	
	4WD		3TMEZ5CN#LM114685	
			3TMCZ5AN#KM285777	
4WD	3TMGZ5AN#KM285795			
	3TMDZ5BN#KM079287			

NOTE

The plant is determined by the 11th letter of the production change effective VIN. (Ex. X=TMMTX M=TMMBC)

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Warranty Information

OP Code	DESCRIPTION	TIME	OFP	T1	T2
EL1921	Replace Blind Spot Monitor (Both Sides)	3.0	88162-04014	8B	74

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
88162-04014	88162-04015	Sensor, Blind Spot Monitor	2

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Laser Radar Adjusting Reflector*	09870-60000	1
Reflector C*	09870-60040-02	1

*Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVi*	ADE	TSADVUNIT	1
Techstream 2.0		TS2UNIT	
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- ONLY ONE of the Techstream units listed above is required.
- Software version 14.20.019 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Blind Spot Monitor DTC C1AC1 or C1AC2

Repair Procedure

1. Using Techstream, check for the following stored DTCs.
 - C1AC1 – Master Module Horizontal Axis Misalignment
 - C1AC2 – Slave Module Horizontal Axis Misalignment

Are ANY of the DTCs listed above present?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Remove the rear bumper assembly.

Refer to TIS, applicable model and model year Repair Manual:

- 2019 Tacoma:
Vehicle Exterior – Exterior Panels/Trim – “Exterior: Rear Bumper (w/ Towing Package) / (w/o Towing Package): Removal”

3. Replace both Blind Spot Monitor sensors.

- A. Remove the blind spot monitor sensors.

Refer to TIS, applicable model and model year Repair Manual:

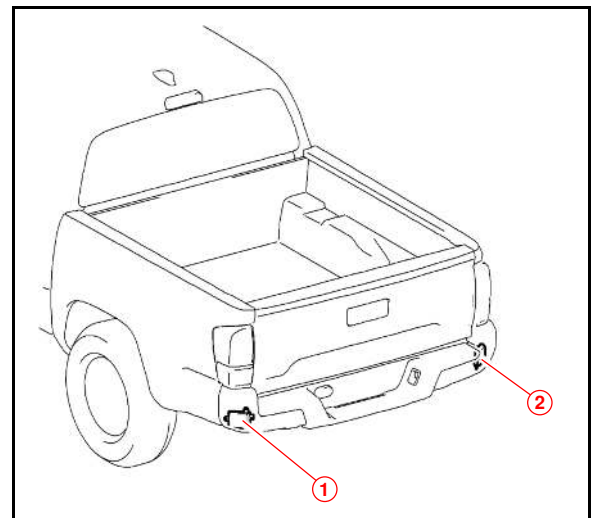
- 2019 Tacoma:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist/Monitoring: Blind Spot Monitor Sensor: Removal](#)”

- B. Install the NEW Blind Spot Monitor sensors with the three nuts.

NOTE

Torque nuts to 9.0 N*m
(92 kgf*cm, 80 in*lb)

Figure 1.



1	Blind Spot Monitor Sensor LH (Master)
2	Blind Spot Monitor Sensor RH (Slave)

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Repair Procedure (continued)

4. Temporarily install the bumper onto the vehicle.

HINT

The bumper MUST be installed without extension housings covering the Blind Spot Monitor sensor. This will allow completion of the blind spot monitor installation condition inspection section of the operation check.

Refer to TIS, applicable model and model year Repair Manual:

- 2019 Tacoma:
Vehicle Exterior – Exterior Panels/Trim – “Exterior: Rear Bumper
[\(w/ Towing Package\)](#) / [\(w/o Towing Package\)](#): Installation”

5. Perform the Blind Spot Monitor System Operation Check.

Refer to TIS, applicable model and model year Repair Manual:

- 2019 Tacoma:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor System: Operation Check](#)”

6. Remove the rear bumper assembly.

Refer to TIS, applicable model and model year Repair Manual:

- 2019 Tacoma:
Vehicle Exterior – Exterior Panels/Trim – “Exterior: Rear Bumper
[\(w/ Towing Package\)](#) / [\(w/o Towing Package\)](#): Removal”

7. Reassemble the rear bumper assembly.

Refer to TIS, applicable model and model year Repair Manual:

- 2019 Tacoma:
Vehicle Exterior – Exterior Panels/Trim – “Exterior: Rear Bumper
[\(w/ Towing Package\)](#) / [\(w/o Towing Package\)](#): Reassembly”

8. Install the bumper onto the vehicle.

Refer to TIS, applicable model and model year Repair Manual:

- 2019 Tacoma:
Vehicle Exterior – Exterior Panels/Trim – “Exterior: Rear Bumper
[\(w/ Towing Package\)](#) / [\(w/o Towing Package\)](#): Installation”

9. Clear ANY DTCs with Techstream.

10. Confirm proper operation of the Blind Spot Monitor system.