

# Blind Spot Monitor DTC C1AB4 or C1AB5

**Service Category** Audio/Visual/Telematics

**Section** Park Assist/Monitoring

**Market** USA

Toyota Supports  
ASE Certification 

## Applicability

| YEAR(S) | MODEL(S) | ADDITIONAL INFORMATION |
|---------|----------|------------------------|
| 2018    | Sequoia  |                        |

### REVISION NOTICE

June 12, 2018 Rev1:

- The Production Change Information section has been updated.
- Any previous printed versions of this bulletin should be discarded.

## Introduction

Some 2018 model year Sequoia vehicles equipped with Blind Spot Monitor (BSM) and auto-dimming mirrors may exhibit a BSM warning message in the combination meter immediately after engine startup and an inoperative BSM system with Diagnostic Trouble Codes (DTCs) C1AB4 (Open in Outer Mirror Indicator [Master]) or C1AB5 (Open in Outer Mirror Indicator [Slave]). Follow the Repair Procedure in this bulletin to address this condition.

## Production Change Information

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

| MODEL   | DRIVETRAIN | PRODUCTION CHANGE EFFECTIVE VIN |
|---------|------------|---------------------------------|
| Sequoia | 2WD        | 5TDKY5G1#JS071164               |
|         |            | 5TDYY5G1#JS071164               |
|         | 4WD        | 5TDJW5G1#JS160671               |
|         |            | 5TDJY5G1#JS160671               |
|         |            | 5TDDW5G1#JS160671               |
|         |            | 5TDDY5G1#JS160671               |

## Blind Spot Monitor DTC C1AB4 or C1AB5

### Warranty Information

| OP CODE | DESCRIPTION                                        | TIME | OFF         | T1 | T2 |
|---------|----------------------------------------------------|------|-------------|----|----|
| EL1803  | Reflash Blind Spot Monitor Sensors<br>(Both Sides) | 1.1  | 88162-0C060 | 72 | 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         |                               |     |
|             | 88162-0C060 | Sensor, Blind Spot Monitor RH | 0*  |

\*Part calibration will be updated. Part replacement is NOT covered by this Service Bulletin.

### Required Tools & Equipment

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

\* Essential SST.

#### NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 13.10.019 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- Additional SSTs may be ordered by calling 1-800-933-8335.

| SPECIAL SERVICE TOOLS (SST)     | PART NUMBER                 | QTY |
|---------------------------------|-----------------------------|-----|
| GR8 Battery Diagnostic Station* | <a href="#">00002-MCGR8</a> | 1   |

\* Essential SST.

#### NOTE

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

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### Calibration Information

| MODEL   | GRADE    | VDS   | CALIBRATION ID               |                                                              |
|---------|----------|-------|------------------------------|--------------------------------------------------------------|
|         |          |       | PREVIOUS                     | NEW                                                          |
| Sequoia | Limited  | KY5G1 | 8816F0C03201<br>8816F0C03202 | <a href="#">8816F0C03301</a><br><a href="#">8816F0C03302</a> |
|         |          | JY5G1 |                              |                                                              |
|         | Platinum | YY5G1 |                              |                                                              |
|         |          | DY5G1 |                              |                                                              |

### Repair Procedure

- Using Techstream, check for the following DTCs.

- C1AB4 (Open in Outer Mirror Indicator [Master])
- C1AB5 (Open in Outer Mirror Indicator [Slave])

Is DTC C1AB4 or C1AB5 present?

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

- Verify the calibration ID for BSM.

Is the calibration ID 8816F0C032##?

- YES** — Continue to step 3.
- NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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### Repair Procedure (continued)

3. Reflash the BSM sensor(s).

**NOTE**

- The GR8 Battery Diagnostic Station **MUST** be used in Power Supply Mode to maintain battery voltage above 11.4V while flash reprogramming the BSM module(s).
- Power Supply Mode is used to maintain battery voltage at 13.5V while flash reprogramming.
- For details on how to use the GR8 Battery Diagnostic Station, refer to the ["GR8 Instruction Manual"](#) located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in Service Bulletin No. [T-SB-0134-16](#), "Techstream ECU Flash Reprogramming Procedure," and flash the BSM module(s) with the NEW calibration file update.

**NOTICE**

**Damage to the BSM module(s) may occur if the correct battery charge mode setting is NOT used.**

4. Clear DTCs using Techstream.
5. Drive the vehicle over a variety of road surfaces and driving conditions to confirm proper operation of the BSM system.
  - A. Confirm the mirror indicators illuminate when the BSM system is turned ON.
  - B. Confirm the appropriate outside rear view mirror indicator illuminates when a vehicle is detected in the blind spot.
6. Confirm that DTCs related to the BSM system are no longer present.