

Blind Spot Monitor Mirror Indicator Stays On

Service Category Audio/Visual/Telematics

Section Park Assist/Monitoring

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018	Camry, Camry HV	

Introduction

Some 2018 model year Camry and Camry HV vehicles equipped with Blind Spot Monitor (BSM) may exhibit a BSM outer mirror indicator that stays on without a vehicle in the detection area, after being passed by another vehicle. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EL1807	Reflash Blind Spot Monitor Sensors and Perform Beam Axis Confirmation (Both Sides)	2.6	88162-06050 88162-33030 88162-33120	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		
	88162-06050	Sensor, Blind Spot Monitor RH	—*
	88162-33030		
	88162-33120		

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

Blind Spot Monitor Mirror Indicator Stays On

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.
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
GR8 Battery Diagnostic Station*	00002-MCGR8	1
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.

Calibration Information

MODEL	CALIBRATION ID	
	PREVIOUS	NEW
Camry, Camry HV	8816F3302201 8816F3302202	8816F3302301 8816F3302302

Blind Spot Monitor Mirror Indicator Stays On

Repair Procedure

1. Confirm the condition.
 - A. Does the BSM mirror indicator stay ON without a vehicle in the detection area, AFTER being passed by another vehicle?
 - **YES** — Continue to substep B.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
 - B. Is the BSM calibration ID 8816F330220#?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
2. 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*.

NOTICE

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

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.

3. Perform BSM beam axis confirmation for both sides of the vehicle.
Refer to TIS, applicable model and model year Repair Manual:
 - 2018 Camry:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor System: Operation Check](#)”
 - 2018 Camry HV:
Audio/Visual/Telematics – Park Assist/Monitoring – “[Park Assist / Monitoring: Blind Spot Monitor System: Operation Check](#)”
4. Clear DTCs using Techstream.

Blind Spot Monitor Mirror Indicator Stays On

Repair Procedure (continued)

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 BSM indicator illuminates when a vehicle is detected in the blind spot.
 - C. Confirm the appropriate outside rear view mirror BSM indicator turns off when a vehicle exits the blind spot.

6. Confirm that no DTCs related to the BSM system are present.