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Model Year Start: 2016	Model: RAV4	Prod Date Range: [10/2015 -]
Title: PARK ASSIST / MONITORING: BLIND SPOT MONITOR SYSTEM: PRECAUTION; 2016 - 2017 MY RAV4 [10/2015 -]		

PRECAUTION

IGNITION SWITCH EXPRESSION

HINT:

The type of ignition switch used on this model differs according to the specifications of the vehicle. The expressions listed in the table below are used in this section.

Expression	Ignition Switch (Position)	Engine Switch (Condition)
Ignition Switch off	LOCK	Off (Lock)
Ignition Switch ACC	ACC	On (ACC)
Ignition Switch ON	ON	On (IG)
Engine Start	START	ON (Start)

PRECAUTIONS FOR BLIND SPOT MONITOR SYSTEM

- (a) The blind spot monitor function may not detect vehicles correctly in the following conditions:
 - (1) During bad weather such as heavy rain, fog, snow, etc.
 - (2) When there is a significant difference in speed between this vehicle and the vehicle that enters the detection area.
 - (3) When a vehicle is in the detection area from a stop and remains in the detection area as this vehicle accelerates.
 - (4) When driving up or down steep inclines, such as hills, a dip in the road, etc.
 - (5) When multiple vehicles approach with only a small gap between each vehicle.
 - (6) When vehicle lanes are wide, and the vehicle in the next lane is too far away from this vehicle.
 - (7) When the vehicle that enters the detection area is traveling at about the same speed as this vehicle.
 - (8) When there is a significant difference in height between this vehicle and the vehicle that enters the detection area.
 - (9) When driving on a road surface that is wet due to rain, standing water, etc.

(10) When ice, mud, etc. is attached to the rear bumper.

(11) Directly after the blind spot monitor system is turned on.

HINT:

In this section, the expression "this vehicle" is used to refer to the vehicle equipped with this blind spot monitor system.

(b) The blind spot monitor function is not designed to detect the following types of vehicles or objects:

- *: Depending on conditions, detection of a vehicle and/or object may occur.

(1) Vehicles traveling from the opposite direction.

(2) Small motorcycles, bicycles, pedestrians, etc.*

(3) Following vehicles that are in the same lane.*

(4) Guardrails, walls, signs, parked vehicles and similar stationary objects.*

(5) Vehicles driving 2 lanes across from this vehicle.*

(c) Instances of the blind spot monitor function unnecessarily detecting a vehicle and/or object may increase under the following conditions:

(1) When there is only a short distance between this vehicle and a guardrail, wall, etc.

(2) When vehicle lanes are narrow and a vehicle driving 2 lanes across from this vehicle enters the detection area.

(3) When there is only a short distance between this vehicle and a following vehicle.

(d) The rear cross traffic alert function may not detect vehicles correctly in the following conditions:

(1) During bad weather such as heavy rain, fog, snow, etc.

(2) When a vehicle is approaching at high speed.

(3) When multiple vehicles approach continuously.

(4) When a parking on a steep incline, such as hills, a dip in the road etc.

(5) Vehicles that the sensors cannot detect because of obstacles.

(6) Shallow angle parking.

(7) When ice, mud, etc. is attached to the rear bumper.

(8) Directly after the blind spot monitor system is turned on.

HINT:

In this section, the expression "this vehicle" is used to refer to the vehicle equipped with this blind spot monitor system.

(e) The rear cross traffic alert function is not designed to detect the following types of vehicles or objects:

- (1) Vehicles approaching from directly behind
- (2) Small motorcycles, bicycles, pedestrians, etc.*
- (3) Vehicles moving away from this vehicle*
- (4) Guardrails, walls, signs, parked vehicles and similar stationary objects*
- (5) Vehicles that enter the detection range from a parking space next to this vehicle*

- *: Depending on conditions, detection of a vehicle and/or object may occur.

HINT:

In this section, the expression "this vehicle" is used to refer to the vehicle equipped with this blind spot monitor system.

(f) Instances of the rear cross traffic alert function unnecessarily detecting a vehicle and/or object may increase under the following condition:

- (1) When backing this vehicle into a parking space that faces a road, the function may detect vehicles driving on the road.

(g) Under the following condition, the blind spot monitor system may store DTCs C1AC1 and C1AC2 by mistake:

- (1) The vehicle is driven continuously with the blind spot monitor system on when using a drum tester such as a speedometer tester, brake/speedometer combination tester or chassis dynamometer.

HANDLING THE RADAR SENSOR

(a) One blind spot monitor sensor is installed inside the left and right sides of the vehicle rear bumper respectively. Observe the following to ensure that the blind spot monitor can function correctly.

(1) Keep the sensor and its surrounding area on the bumper clean at all times.

(2) Do not subject the surrounding area on the bumper to a strong impact. If the sensor moves even slightly off position, the system may malfunction and vehicles that enter the detection area may not be detected. If the surrounding area has been subjected to a strong impact, inspect the sensor and the surrounding area.

(3) Do not disassemble the sensor.

(4) Do not attach accessories or stickers to the sensor or surrounding area on the bumper.

(5) Do not modify the sensor or surrounding area on the bumper.

(6) Do not paint the rear bumper any color other than an official Toyota color.

(7) Do not paint the sensor or the surrounding area.

(8) Do not apply strong impacts to the sensor or drop it, as it is a high-precision device.

(9) Do not reuse a sensor that has been dropped or subjected to a strong impact.