Introducing Toyota Safety Sense™ (TSS), a new series of multi-feature active safety packages anchored by automated Pre-Collision warning and braking. TSS is designed to support the driver's awareness, decision making and vehicle operation over a wide range of speeds under certain conditions. Packaged together in an integrated system, these features help address three key areas of accident protection: mitigating or preventing frontal collisions, helping to keep drivers within their lane and enhancing road safety during nighttime driving.

The TSS systems are in addition to the Star Safety System technologies.

Toyota Safety Sense P

TSS-P is an active safety package that combines the Pre-Collision System with Pedestrian Detection (PCS w/PD), Lane Departure Alert with Steering Assist (LDA w/SA)(1), Automatic High Beam (AHB) and Dynamic Radar Cruise Control (DRCC). TSS-P combines a camera and millimetre-wave radar technology.

Toyota Safety Sense C

TSS-C is an active safety package that combines Pre-Collision System (PCS), Lane Departure Alert (LDA) and Automatic High Beam (AHB). TSS-C combines a camera and laser radar technology.

FEATURE

Pre-Collision System (PCS)

TSS-C: Provides collision avoidance or damage mitigation support in speed ranges in which frontal collisions are likely to occur.

Pre-Collision System with Pedestrian Detection (PCS w/PD)

TSS-P: Provides collision avoidance or damage mitigation support in speed ranges in which frontal collisions are likely to occur. In certain conditions, the Pre-Collision System with Pedestrian Detection (PCS w/PD) may also help to detect pedestrians and help prevent or mitigate a collision.

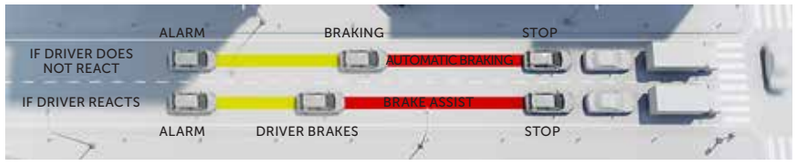
OPERATION

Step 1:
Detection of leading vehicle/ pedestrian (TSS-P only).

Step 2:
Audio and visual alert "Brake". Notification may vary.

Step 3:
If driver applies brakes: Pre-Collision Brake Assist may provide additional braking force during emergency braking to help avoid or mitigate damage from a collision.

Step 4:
If driver does not apply brakes: Automatic Braking may apply the brakes to help avoid or mitigate damage from a collision.



OPERATING STATUS

ON:
- Automatically enabled each time the vehicle is turned on.

OFF:
- PCS turned OFF using multi-information display or PCS switch, depending on model. When turned OFF, the "PCS OFF" indicator is illuminated.

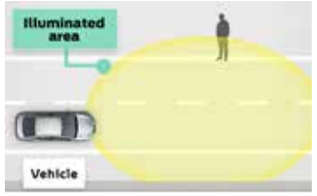
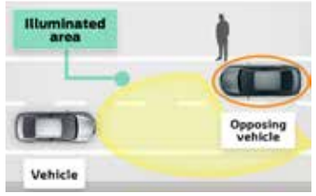
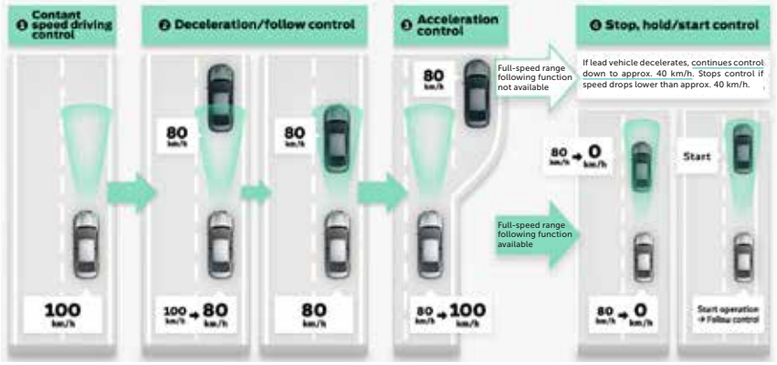
NO ICON

ICON:

	TSS-P	TSS-C
PCS	✓	✓
PCS + PD	✓	

Drivers should always be responsible for their own safe driving. Please always pay attention to your surroundings, obey traffic speed limits and laws, and focus on the road while driving. Depending on the condition of roads, vehicles, weather, driver input, size and position of pedestrians, vehicle speed, lighting, terrain, etc., the TSS systems may not work as intended. The TSS-Pre-Collision System is designed to help avoid or reduce the impact speed and damage in certain frontal collisions only. Please see toyota.ca, your local Toyota Dealer or Owner's Manual for full details.
(1) Steering assist function available only on TSS-P-equipped vehicles with electric power steering.

Toyota Safety Sense

FEATURE	OPERATION	OPERATING STATUS	TSS-P	TSS-C
Lane Departure Alert (LDA)  Alerts you if you start to drift out of your lane when visible lane markings are detected. **Lane Departure Alert with Steering Assist (LDA w/SA)** Alerts you if you start to drift out of your lane when visible lane markings are detected. On some models with TSS-P, the Steering Assist function may also provide corrective steering action if necessary.	 **1.** Left and right markers detected.  **2.** No markers detected.  **3.** Only left markers detected.  **4.** Vehicle crossing left marker.	**ON:** • LDA switch is in the ON position. • Lane marker must be detected. • Turn signal is not ON. • Vehicle speed above approx. 50 km/h. • Lane width of approx. 3 m. • Vehicle is not on a sharp curve. **ICON:**  **OFF:** • LDA switch is in the OFF position or ON conditions not met. **NO ICON**	LDA ✓	LDA ✓
Automatic High Beam (AHB)  Designed to detect oncoming and preceding vehicles' lights and depending upon the circumstances, AHB can switch between high and low beams for you.	 High Beams ON  High Beams OFF	**ON:** • Headlight switch in the AUTO position and lever pushed away from you. • If equipped, press the automatic high beam switch. • Vehicle speed above approx. 34 km/h. • Front area is dark. • No oncoming vehicles in front with their head lights ON. • No preceding vehicles in front with their tail lights ON. • Light from street lights along the road in front is low. **ICON:**  **OFF:** • AHB turned OFF or ON conditions not met. **NO ICON**	AHB ✓	AHB ✓
Dynamic Radar Cruise Control (DRCC)  Using forward sensing radar technology, DRCC can automatically adjust vehicle speed to help maintain a pre-set following distance between you and the vehicle directly in front of you.		**ON:** • Cruise control system is turned ON. • Not in constant speed control mode. • Vehicle speed above approx. 40 km/h for DRCC and 50 km/h for full-speed range DRCC. **ICON:**  **OFF:** • Cruise control system is turned OFF. **NO ICON**	DRCC ✓	