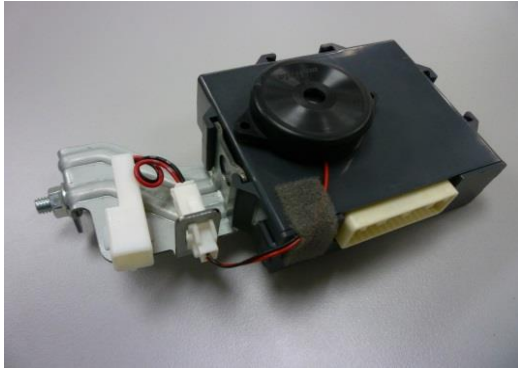


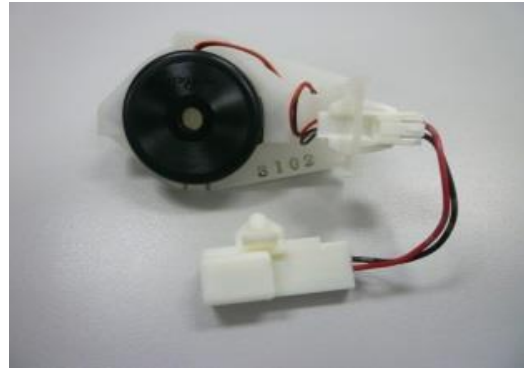


PARKING SENSOR (INNOVA)

OWNERS MANUAL



Parking Sensor ECU



Front Speaker



Parking Sensor Switch



Parking Sensor

Please read this manual for proper operation and keep it for future reference.



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PARKING SENSOR (INNOVA)

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Please read this manual for proper operation and keep it for future reference.



SECTION 1.0

Introductions

1.1 Operating Instructions

- This Toyota Innova is equipped with a system that facilitates parking manoeuvres in reverse and forward by detecting any obstacles that could damage the car.
- This system is equipped with two audible warning device which produce low pitch acoustic for front detection and high pitch for rear detection.
- Any obstacle detected is indicated by an intermittent beep signal, which increases in frequency until it becomes a continuous beep as the vehicle moves near to the obstacle itself.



When the gear is at "P" or "N" position, front sensor is also activated except parking bracke is "ON".



SECTION 2.0

User Instructions

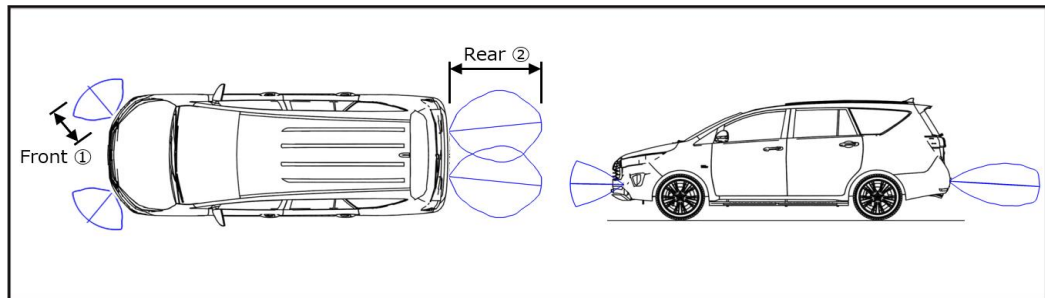
2.1 System Operating Condition

CONDITIONS			FRONT SENSOR	REAR SENSOR
MAIN SWITCH (LED)	GEAR POSITION	PARKING BRAKE / SPEED		
ON (LED ON)	Reverse (R)	All Mode	ON	ON
	*Except Reverse (R)	Parking Brake OFF & 10km/h or less	ON	OFF
		Parking Brake Press ON or vehicle speed >10km/h	OFF	OFF
OFF / (LED OFF)	All Mode		OFF	OFF

Note :

- LED in main switch turns "ON" and "OFF" alternately by pushing the main switch button.
- When the main switch button is pushed "ON" side, LED in the switch turns "ON", and each front and rear speaker makes continuous beep sound for about 1 sec. to inform the driver that the system is activated.

2.2 Detection Zone





SECTION 2.0

User Instructions

2.2 Detection Zone

Sensor Detection	Front ①	Rear ②	BEEP SIGNAL
	FL, FR	RLC, RRC	
Intermittent Zone	Approx. 30 to 50cm	Approx. 50 to 150cm	The sensor gives intermittent acoustic signal if an obstacle is detected even if the vehicle is at a stand still. The acoustic signal gets more rapid as the vehicle approaches the obstacle.
Continuous Signaling Zone	Up to about 30cm	Up to about 50cm	The sensor detects obstacles and gives a continuous acoustic signal whether the vehicle is at a stand still moving. The driver should stop.

2.3 General Recommendation

- This device is an parking aid but the driver must ultimately be responsible for evaluating obstacles.
- The driver shall use this device to avoid and prevent damage to persons or property.
- High speed manoeuvres using this device may prevents the obstacles from being detected in time.
- In certain circumstances, awkward obstacles, such as very low, thin or pointed ones may not be detected.
- To avoid faulty operation, mud and dirt must be cleaned from the sensors. Do not use hard or pointed objects to clean the sensors.
- Objects directly underneath the bumpers cannot be detected. Some objects located lower than the ultrasonic sensors, or thin objects, may not be detected as the vehicle comes close to these objects.
- An objects might not be detected if the vehicle is too close.



SECTION 3.0

Warranty Conditions

3.1 Warranty

- Warranty coverage is limited to the use of the system. Damage caused by collisions due to incorrect signals, (or lack of signals), improper use of the warning signal or driving errors are excluded from the warranty.
- The product is covered as per your vehicle warranty terms and conditions.
- The warranty shall not apply if the product has been damaged due to be any other causes other than those described as manufacturing defects.
- Refer any matters relating to this warranty to your authorized dealer / service branch.

3.2 Customer Care

For further information on the system, please contact your nearest UMW Toyota Motor Service Branch or :

CUSTOMER RELATIONS MANAGEMENT (CRM)
No. 2, Persiaran Raja Muda, Section 15,
40200 Shah Alam, Selangor Darul Ehsan.

Toyota Freephone : 1800-8-TOYOTA (869682)

Operating Hours : 8.00 am - 5.30 pm (Monday to Friday)

Website : www.toyota.com.my

Email : customersupport@toyota.com.my