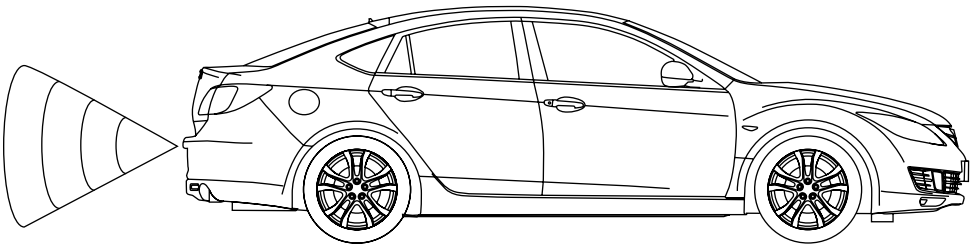
GRANDTURISMO

REVERSE PARKING SENSOR SYSTEM

REAR INSTALLATION ONLY

4 Zone GTRPA004-43
3 Zone GTRPA003-43

USER'S MANUAL



3 YEAR LIMITED WARRANTY

(Please read carefully the Grand Turismo warranty terms and conditions on the back page.)

Disclaimer

Grand Turismo Digital Reverse Parking Sensors System is designed as a driver aid and should not be used as a substitute for safe parking practices. Under certain conditions the operation of this device may be impaired or possibly not working at all. The operator/driver of the vehicle must visually monitor the area the vehicle is reversing into while parking.

It is the responsibility of the operator/driver of the vehicle to ensure that people and/or property are not injured or harmed. Keep reversing speeds 5 km/h and under. It is the legal responsibility of the operator/driver of the vehicle to be aware of his or her surroundings and in control at all times.

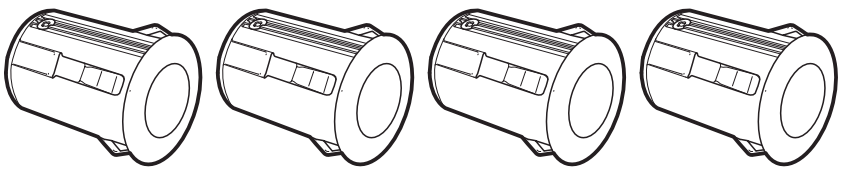
Note: Exhaust vapour may trigger the parking sensors to beep during cold morning. Rain, debris, dirt as having the potential to impact product performance.

Technical information

Grand Turismo Digital Reverse Parking Sensors are equipped with 4 sensors that emit an ultrasonic signal. The sensors operate both as transmitters and receivers of ultrasonic signals. The operator/driver is alerted to approaching objects by sequence of beeps or continuous tones of the warning buzzer.

Specifications

- Operating Distance Rang: 0-1.2m
- Accuracy Detection: +/- 5cm
- Operating Voltage: 11v to 15v
- Current Draw: Standby 58ma
Operating 80ma
- Working Temperature: -15c to +70c
- Warning Buzzer Volume: 84db



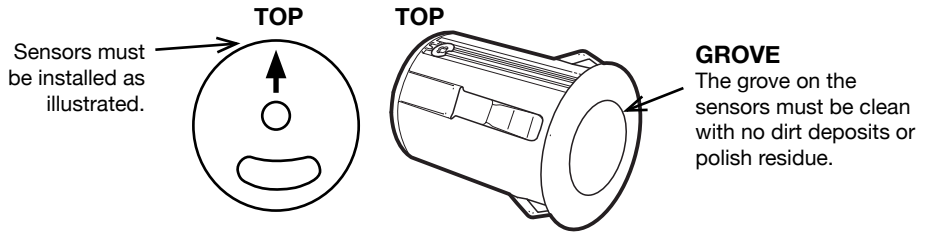
GT Digital Parking 4 Sensor unit installation guide.

The positioning and mounting of sensors depends on the type of vehicle and shape of the rear bar. Mark from both corners of the rear bar position for centre left and centre right sensors.

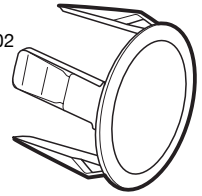
1. Measure sensors left and right which equal distance between both corner sensors Centre left and centre right.
2. Measure from the ground level a distance of 500mm – 600mm to indicate the final position of the sensors. Note: To avoid false alarm DO NOT install the sensors any lower than 500mm from ground level.
3. Ensure that the rear bar curve surface where the sensors are to be mounted should not be more than 5 degrees facing to the ground.
4. Drill a 22mm diameter through holes using a TCT hole saw on the 4 markings marked on the bar.

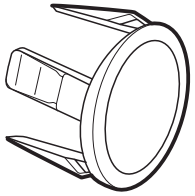
Important. Ensure that the sensors are mounted in the correct position. The UP Arrow located on the back of the sensor should always be pointing in the up position. Do not install sensor heads directly into metal. If required to install into metal you will need to use the GT 26mm bezels. GT sensor heads are primed ready for paining and must be painted by an authorized Grand Turismo installer. Please note these are designed to be used as rear senors only. NOT to be used as front sensors. GT Digital Parking Sensors are covered by a 3 YEAR LIMITED WARRANTY.

(Please read carefully the Grand Turismo warranty terms and conditions on the back page.)



0 Degree Bezel
P/N GT4PRS26YH00WT02

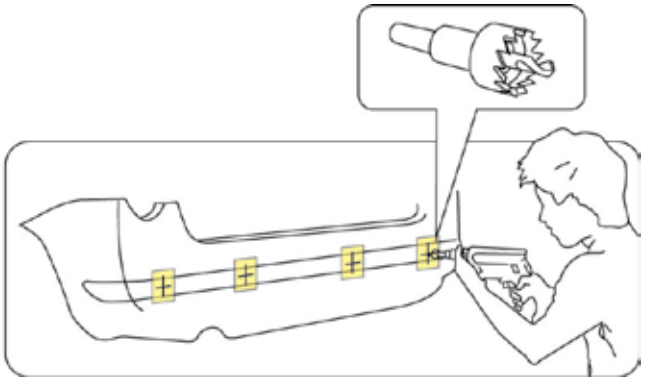




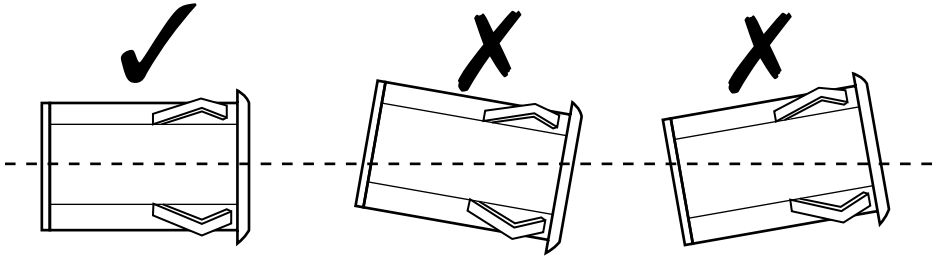
8 Degree Bezel
P/N GT4PRS26YH00WT00

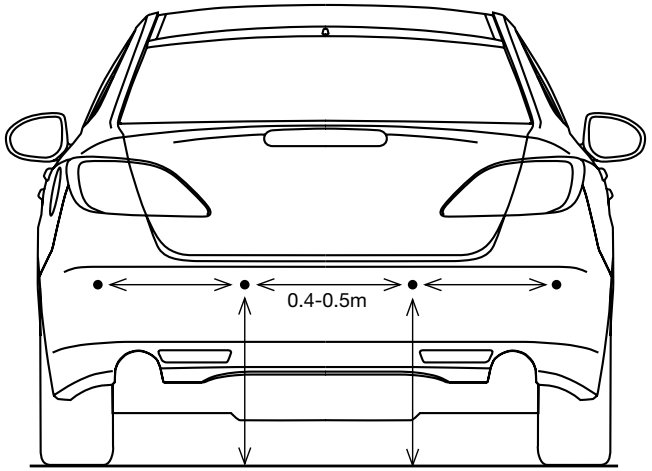
Note. *Please ask Grand Turismo about supplying a TCT hole saw for your installation.

*(TCT hole saw is not included with the parking sensors kit. TCT hole saw can be purchased at Grand Turismo)



Important. Ensure that the sensors are mounted in the correct position at 90 degrees.





Sensors Operating Test for Model: GTRPA004-43 4 Zone only

Start the vehicle.

Engage reverse gear – one beep from the buzzer will be heard indicating the GT 4 zone Reverse Parking Sensor System is activated.

Reverse vehicle slowly towards a large flat wall.

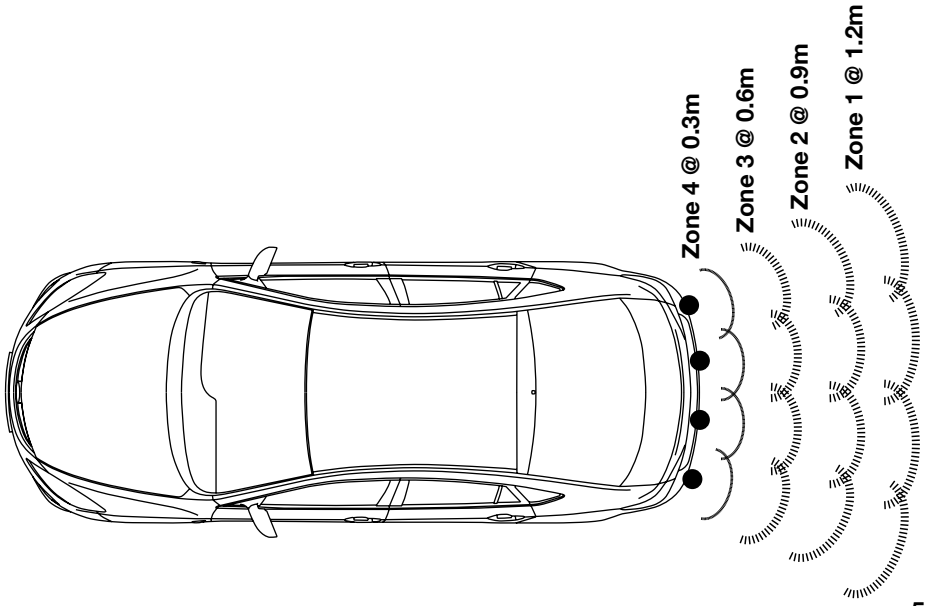
The first buzzer tone heard will be slow beeping, indicating the vehicle is between 1.2 metres to 0.9 metres from the wall. The beeping will continue until the next zone is reached at a distance of 0.9 metres from the wall.

Once the vehicle enters the 0.9 metres zone the buzzer will start to beep faster. The beeping will continue until the next zone is reached at 0.6 metres from the wall.

The buzzer-beeping rate will continue to increase as the vehicle moves within 0.6 metres to 0.3 metres from the obstacle.

If the vehicle enters the final zone (0.3 metres from the obstacle) the buzzer will produce a continuous tone. It is recommended that the operator/driver of the vehicle stop immediately if this zone is entered.

Note: The distance provided is to be used as a reference only, as variations may be experienced by various factors such as temperature, humidity and the shape of the obstacle. The number of zones detected will vary depending on the speed of the vehicle.



Sensors Operating Test for Model: GTRPA003-43 3 Zone only

Start the vehicle.

Engage reverse gear – one beep from the buzzer will be heard indicating the GT 3 zone Reverse Parking Sensor System is activated.

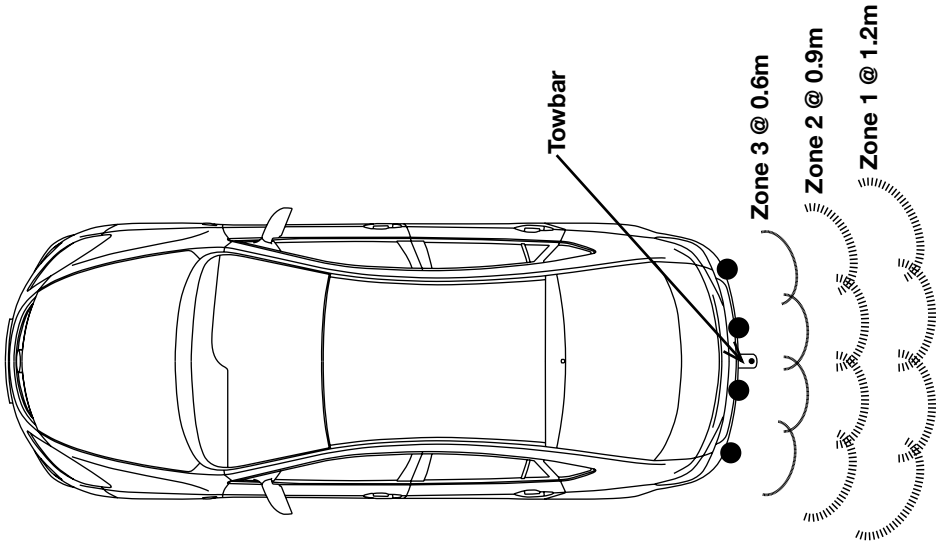
Reverse vehicle slowly towards a large flat wall.

The first buzzer tone heard will be slow beeping, indicating the vehicle is between 1.2 metres to 0.9 metres from the wall. The beeping will continue until the next zone is reached at a distance of 0.9 metres from the wall.

Once the vehicle enters the 0.9 metres zone the buzzer will start to beep faster. The beeping will continue until the next zone is reached at 0.6 metres from the wall.

If the vehicle enters the final zone (0.6 metres from the obstacle) the buzzer will produce a continuous tone. It is recommended that the operator/driver of the vehicle stop immediately if this zone is entered.

Note: The distance provided is to be used as a reference only, as variations may be experienced by various factors such as temperature, humidity and the shape of the obstacle. The number of zones detected will vary depending on the speed of the vehicle.



Troubleshooting

The details below will help diagnose whether your system has a malfunction. If you do not feel you are able to troubleshoot yourself or the system fails to operate after you have completed any of the required actions, you will need to consult with a GT authorised reseller from which the unit was purchased or installed.

Problem-Reason-Solution

When in reverse the parking sensors does not function correctly.

Reason: Blown fuse or main power connection.

Solution: Check reverse light fuse or parking sensor power supply.

(Refer to vehicle owners manual)

Reason: Bad connection.

Solution: Check all connections to Sensors, Buzzer and the power supply.

Warning Buzzer sounds continuously or intermittently.

Reason: Sensors are detecting your own car body.

Solution: Sensors incorrectly installed – consult your installer.

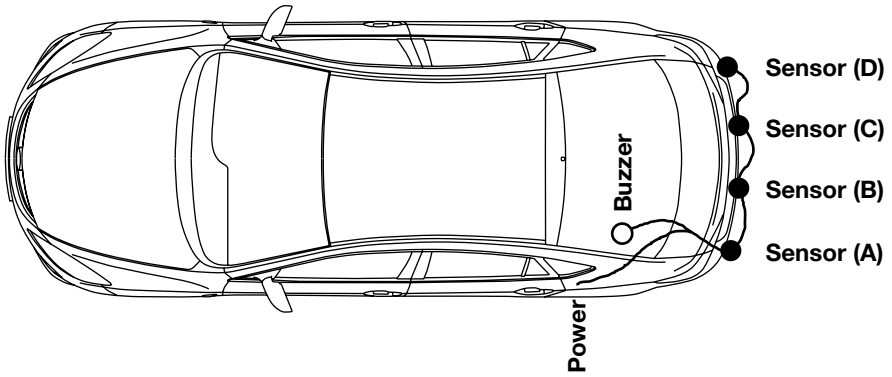
Reason: Sensors are detecting the ground.

Solution: Sensors incorrectly installed – consult your installer.

Warning Buzzer does not sound a tone when a obstacle is detected.

Reason: Dirty or damaged sensor, bad connection or mis-aimed sensor.

Solution: Clean sensors, check sensor cable for short circuit, check cable connections or sensor aiming.



Notes:

TERMS & CONDITIONS: Grand Turismo warranties this product to be free from defects in material or workmanship for a period of three (3) years following the date of purchase, provided that the product is installed and painted by an authorized Grand Turismo installer. This warranty does not cover faulty installation or damage caused by an installer not authorized by Grand Turismo. Grand Turismo will not be held legally resposible in anyway for any damage or injury caused. This system is designed as a driver aid and should not be used as a substitute for safe parking practices. It is the responsibility of the operator/driver of the vehicle to ensure that people and/or property are not injured or harmed. Keep reversing speeds 5 km/h and under. It is the legal responsibility of the operator/driver of the vehicle to be aware of his or her surroundings and in control at all times.

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