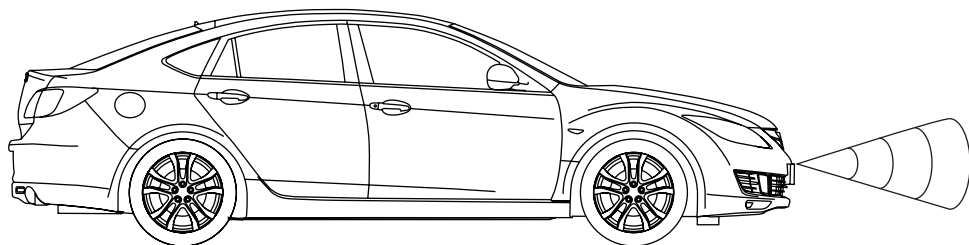




FRONT PARKING SENSOR SYSTEM FRONT INSTALLATION ONLY

Model: GT0RS-V014FPA-00



Disclaimer

Grand Turismo Digital 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 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 parking 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.

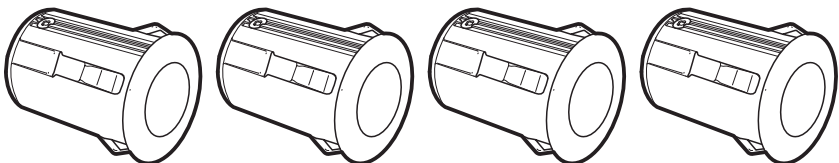
Note: Exhaust vapour may trigger the parking sensors to beep during cold morning. Rain, debris, dirt has the potential to impact product performance.

Technical information

Grand Turismo Digital Parking Sensors are equipped with 4 or 2 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: 0-0.8m
- Accuracy Detection: +/- 5cm
- Operating Voltage: 11v to 15v
- Current Draw: Standby 70ma
Operating 200ma
- Working Temperature: -15c to +70c
- Warning Buzzer Volume: 84db



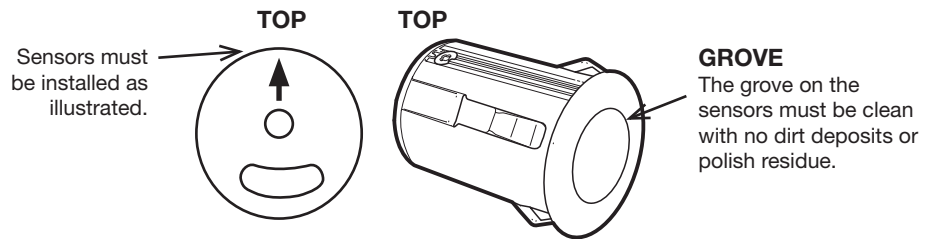
GT Digital Parking 4 Sensor unit installation guide.

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

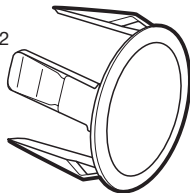
1. Measure sensors left and right which equal distance between both corner sensors
Centre left and centre right.
2. Measure from the ground level a distance of 450mm – 600mm to indicate the final position of the sensors. Note: To avoid false alarm DO NOT install the sensors any lower than 450mm from ground level.
3. Ensure that the front 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 painting and must be painted by an authorized Grand Turismo installer. Please note these are designed to be used as front sensors only. NOT to be used as rear sensors. GT Digital Parking Sensors are covered by a 3 YEAR LIMITED WARRANTY.

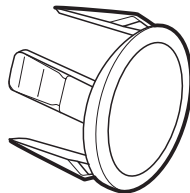
(Please read carefully the Grand Turismo Pty Ltd warranty terms and conditions on the back page.)



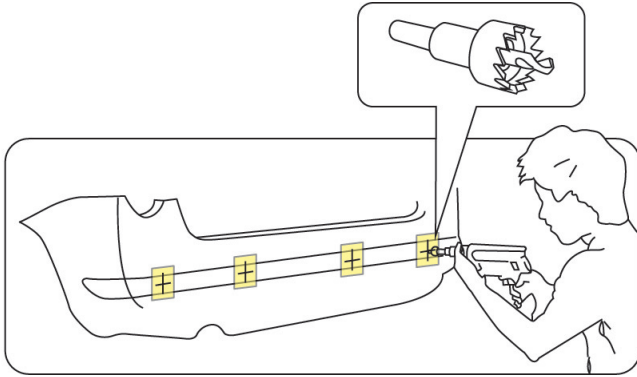
0 Degree Bezel
P/N GT4PRS26YH00WT02



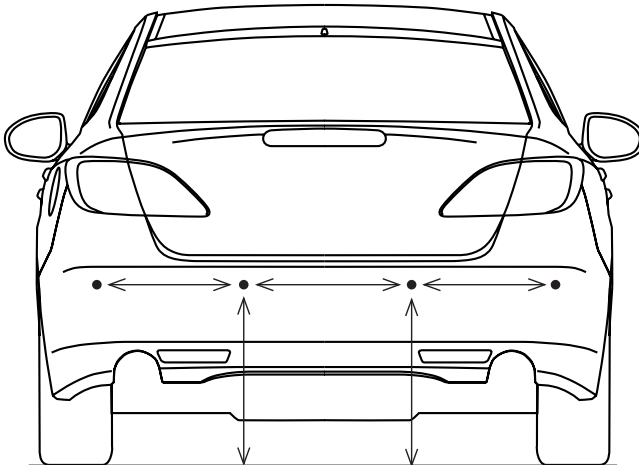
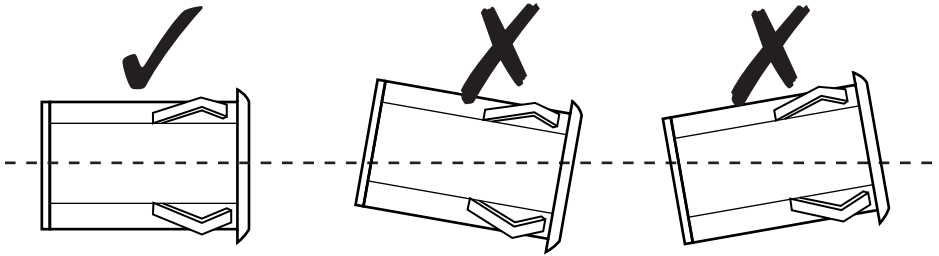
8 Degree Bezel
P/N GT4PRS26YH00WT00



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: GT0RS-V014FPA-00 3 Zone

Start the vehicle.

Turn on main power switch – one beep from the buzzer will be heard indicating the GT 3 zone Front Parking Sensor System is activated.

Drive vehicle slowly towards a large flat wall.

The first buzzer tone heard will be slow beeping, indicating the vehicle is between 0.8 metres to 0.6 metres from the wall. The beeping will continue until the next zone is reached at a distance of 0.6 metres from the wall.

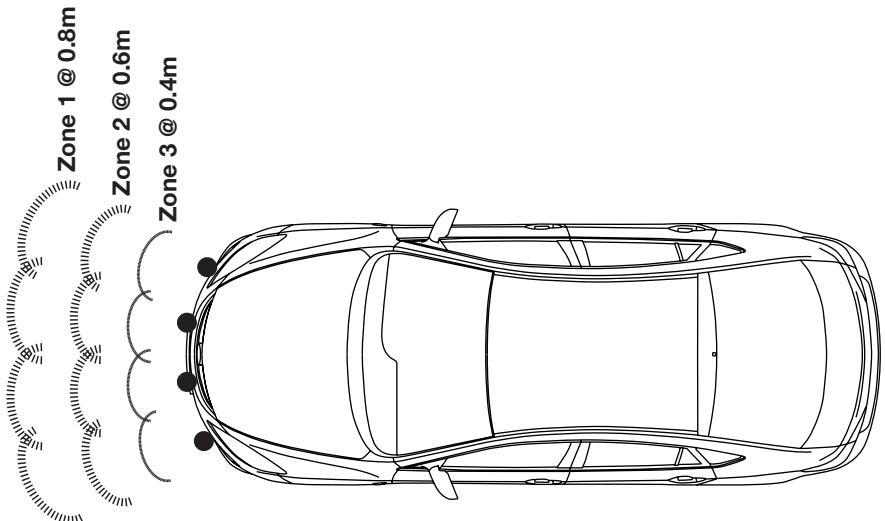
Once the vehicle enters the 0.6 metres zone the buzzer will start to beep faster.

The beeping will continue until the next zone is reached at 0.4 metres from the wall.

The buzzer-beeping rate will continue to increase as the vehicle moves within 0.6 metres to 0.4 metres from the obstacle.

If the vehicle enters the final zone (0.4 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.

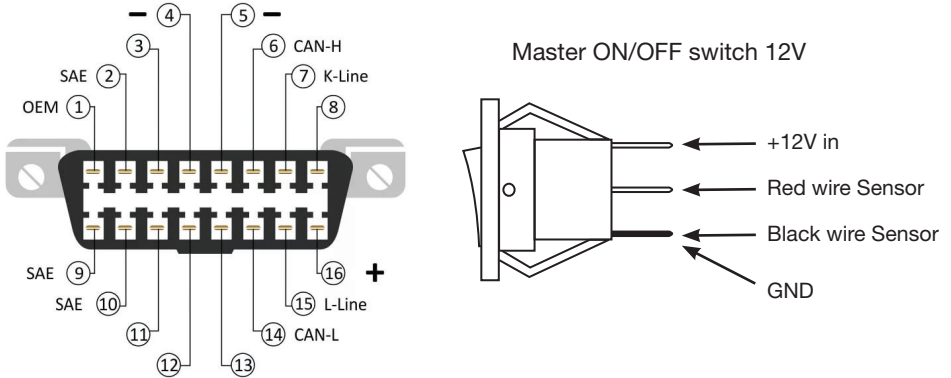
Note: The distance provided is to be used as a reference only, as variations may be experienced by various factors such as temperature, humidity and the shape of the obstacle. The number of zones detected will vary depending on the speed of the vehicle.



GT Digital Parking 4 or 2 Sensor unit installation wiring guide.

1. Wiring

- Red wire is to be connected to +12V IGN(ACC) through the ON/OFF switch
- Black wire is to be connected to GND through the ON/OFF switch
- CAN-H (blue wire) is to be connected to pin 6 of the OBDII wire.
- CAN-L (yellow wire) is to be connected to pin 14 of the OBDII wire.



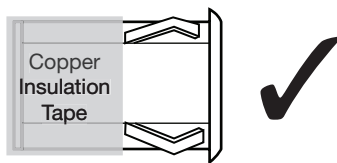
2. Two Sensor system mode

When the system is installed as a 2 sensor system, please connect sensor 1 and sensor 4 only to the 1 and 4 wire harness plugs. Wire harness plugs 2 and 3 are not connected.

3. How does the system work

- The system is activated when the speed is less than 10 Km/h (6 mph)
- The system will not work when the speed is more than 10 Km/h (6 mph)

Note: It is important to insulate the parking sensor head with copper insulation tape supplied to the rear of head.



Tightly wrap copper insulation tape around the base of sensor as shown in illustration

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 parking mode the parking sensors does not function correctly.

Reason: Blown fuse or main power connection.

Solution: Check 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.

