

# SetVehicleModelWheelSize

This function sets the size of a group of wheels for a vehicle model. The wheel size mainly determines their width, collision box (used to check if a bullet hits a tire, for example) and the ground clearance of vehicles with that model (i.e., the minimum distance from the center of the car geometry to the ground). It also changes the visual scale and rotation of the wheels, if not all the wheel groups have equal size. The visual scaling is applied before the per-vehicle wheel scale.

## Syntax

```
bool setVehicleModelWheelSize ( int vehicleModel, string wheelGroup, float wheelSize )
```

**OOP Syntax** [Help! I don't understand this!](#)

**Method:** *Vehicle.setModelWheelSize(...)*

**Counterpart:** *getVehicleModelWheelSize*

## Required Arguments

- **vehicleModel:** The vehicle model ID.
- **wheelGroup:** The group of wheels of the vehicle model that will have its size set by this function. The following values are supported:
  - *front\_axle*: Represents the wheels in the front axle. The default value for this group is read by GTA from the *WheelScale\_Front* field of the *vehicles.ide* data file.
  - *rear\_axle*: Represents the wheels in the rear axle. The default value for this group is read by GTA from the *WheelScale\_Rear* field of the *vehicles.ide* data file.
  - *all\_wheels*: Convenience group that contains the other wheel groups: *front\_axle* and *rear\_axle*.
- **wheelSize:** The wheel size value to set. Default GTA values for automobiles usually are around 0.7. It must be greater than 0.

## Returns

Returns *true* if the size for the specified wheel group and vehicle model has been set successfully, or an error if some parameter is invalid.