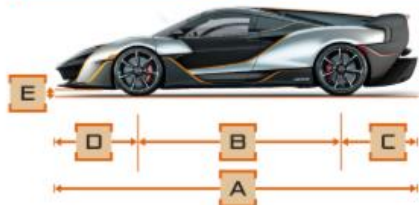


A short, solid orange horizontal line.

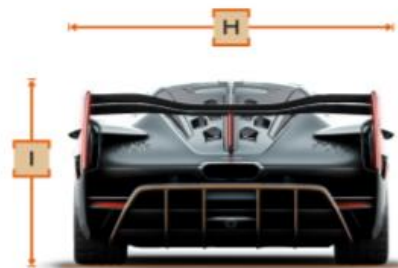
# McLaren Sabre Vehicle Handling

## Vehicle dimensions



A	Vehicle length	4,836 mm (15 ft 10 in)
B	Wheelbase	2,671 mm (8 ft 9 in)
C	Rear overhang	1,038 mm (3 ft 5 in)
D	Front overhang	1,126 mm (3 ft 8 in)

E	Ground clearance (normal)	91 mm (4 in)
	Ground clearance (vehicle lift)	138 mm (5 in)
	Ground clearance (Race mode)	41 mm (2 in)
F	Approach angle (normal)	7.8°
	Approach angle (vehicle lift)	8.5°
	Approach angle (Race mode)	4.2°
G	Departure angle (normal)	13°
	Departure angle (vehicle lift)	12°
	Departure angle (Race mode)	9°



H	Vehicle width (doors closed, including mirrors)	2,169 mm (7 ft 1 in)
I	Vehicle height (doors closed) (normal)	1,195 mm (3 ft 11 in)
	Vehicle height (doors closed) (vehicle lift)	1,223 mm (4 ft)
	Vehicle height (doors closed) (Race mode)	1,145 mm (3 ft 9 in)



J	Vehicle width (doors open at widest point)	2,905 mm (9 ft 6 in)
K	Vehicle height (doors open) (normal)	1,794 mm (5 ft 11 in)
	Vehicle height (doors open) (vehicle lift)	1,824 mm (6 ft)
	Vehicle height (doors open) (Race mode)	1,744 mm (5 ft 9 in)

## Vehicle weights

Weight	kg (lbs)
Dry weight	1,376 (3,033)
Unladen weight (all fluids and 90% fuel)	1,478 (3,259)
Kerb weight (plus 75 kg driver)	1,553 (3,425)
Kerb weight distribution - front axle	629 (1,387)
Kerb weight distribution - rear axle	924 (2,038)
Maximum gross vehicle weight (GVW)	1,692 (3,731)
Maximum gross vehicle weight distribution - front axle	706 (1,556)

Maximum gross vehicle weight distribution - rear axle	986 (2,175)
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## Wheel sizes

Front wheels	9J x 19
Rear wheels	11.5J x 20

## Tow-away protection

Tow-away protection is designed to prevent any attempt to steal the vehicle by suspended tow or lifting onto a trailer.

The alarm is triggered if the vehicle is raised or tilted in any way.

Tow-away protection is armed approximately 30 seconds after the vehicle has been locked and is disarmed when the vehicle is unlocked.

### Disabling tow-away protection



1. To disable tow-away protection, switch off the ignition, and press the button on the dashboard. The light in the switch will illuminate to indicate that tow-away protection has been disabled.



**NOTE:** You cannot disable tow-away protection if the ignition is switched on.

2. Exit and lock the vehicle (using the keyless system or the key fob). Tow-away protection will remain disabled until the vehicle is unlocked.



## Towing eye



The towing eye (4) is located inside the first aid kit case behind the driver's seat.

**i** NOTE: Your McLaren is equipped with a front towing eye mounting only. It is not possible to tow other vehicles.

For information on installing the towing eye, see Towing eye and mounting, page 6.39.

## Fuel funnel



The fuel funnel (5) is supplied with the vehicle.

**i** NOTE: Only use the fuel funnel when filling the vehicle with fuel from sources other than a fuel pump on a garage forecourt.

Do not use the fuel funnel when topping up coolant, engine oil or any other fluids in the vehicle.

## Front service cover release tool



The front service cover release tool (6) is located inside the first aid kit case behind the driver's seat.

## Center lock nut torque tool



The center lock nut torque tool (7) is located inside the accessories bag, behind the driver's seat.

## Locking ring removal tool



The locking ring removal tool (8) is located inside the accessories bag, behind the driver's seat.

## Manual door release key holder



The manual door release key holder (9) is supplied with the vehicle.

**i** **NOTE:** The manual door release key holder is used to assist with turning the mechanical key in order to gain access to the vehicle if the vehicle battery or key fob battery has become discharged. Therefore, the manual door release key holder should not be kept inside the vehicle.



## Towing for recovery

Your McLaren is equipped with a front towing eye mounting on each side of the vehicle.

- i** NOTE: Do not tow the vehicle, doing so could damage the gearbox. The towing eye must only be used to winch the vehicle onto a trailer or transporter for recovery purposes. Do not use a rigid bar to tow the vehicle.
- i** NOTE: Do not push the vehicle using the rear wing.
- i** NOTE: Avoid towing the car at an angle, always tow inline with the vehicle.

## Towing eye and mounting



1. Release the towing eye cover from the front bumper.
2. Screw the towing eye clockwise into the mounting hole, ensuring that it is screwed in to the full extent of the thread.

- i** NOTE: To avoid damage to the towing eye and the vehicle, it is important to ensure that the towing eye is in full contact with the mating surface of the front structure.

- i** NOTE: A winch cable/strap must be secured to the towing eye only or the vehicle could be damaged.
3. Remove the towing eye, stow it behind the driver's seat and refit the cover to the towing eye mounting as soon as the vehicle has been recovered.

## Charging the battery

- i** NOTE: To maintain your lithium-ion battery in optimum condition, always leave the McLaren supplied battery charger connected to the battery and switched on during periods when your vehicle is not in regular use.
- i** NOTE: Do not connect the battery charger to the interior accessory socket.



Refer to the instructions supplied with the battery charger. The charger connects to the accessory socket under the front service cover, see Front service covers, page 1.07.

## Boost starting from another vehicle

Contact your McLaren Retailer.

## Unlocking - discharged battery

If you are unable to lock or unlock the vehicle because the vehicle battery or key fob battery has become discharged, use the mechanical key.

### Unlocking and opening procedure



1. Remove the screw (1) and then slide the back cover away from the key fob.



2. Release and remove the mechanical key from the key fob.



3. Insert the mechanical key into the manual door release key holder.  
See Manual door release key holder, page 6.11



4. Insert the mechanical key into the lock and, using the manual door release key holder for leverage, turn the key counter-clockwise until mechanical resistance is preventing full release of the door.
5. Apply pressure to the latch area of the door (to counteract pressure of the door seals), and turn the key further to release the door.
6. Fit the mechanical key back into the key fob.



## Door opening from inside - discharged battery



To release a door from inside, release the manual door release strap retainer and pull the strap.

The door latch will then release, allowing the door to be partially raised before it automatically swings outwards and upwards.

To refit the release strap, feed the strap into its holder and snap the retainers into place.

**i** NOTE: Only use this strap when the battery has become discharged.

**i** NOTE: Please ensure that both of the retainers on the manual door release strap are fitted correctly, and in the correct positions on the door aperture after use.

**i** NOTE: Please ensure that the manual door release strap is fully retracted before fitting the retainers to their door aperture locations.

## Vehicle Lift

### Vehicle lift

- i** **NOTE:** If the vehicle lift icon on the Folding Driver Display is amber, or a vehicle lift fault message appears on the Folding Driver Display, the system is not available. Do not drive the vehicle at high speed and contact your McLaren Retailer as soon as possible.

The vehicle lift menu offers the following options:

- Vehicle lift - Raise, page 1.35
- Vehicle lift - Lower, page 1.36

Vehicle lift gives you the option to raise or lower the vehicle dependent on the current ride height.

Vehicle ride height can only be raised when traveling at speeds below 31 mph (50 km/h). The vehicle will automatically lower at speeds above 37 mph (60 km/h).

- i** **NOTE:** The suspension can be left fully raised for extended periods, but it may relax to a lower level over time.

If the vehicle is left in a raised position for a long period, a system reset may occur when the engine is next started to return the vehicle to normal ride height.

If vehicle lift is used when in motion, slight adjustments to the steering feel may be experienced, this is normal and does not affect the operation of the vehicle.

- i** **NOTE:** Vehicle handling modes are inhibited when vehicle lift is lowering or raising.
- i** **NOTE:** Vehicle lift will be unavailable if launch mode is active.
- i** **NOTE:** Vehicle lift will be unavailable if Race mode is active.
- i** **NOTE:** Vehicle lift is only available when the engine is running.
- i** **NOTE:** If vehicle lift is requested while the engine has been stopped by the Eco Start-Stop System, the engine will be automatically restarted.

### Vehicle lift operation



Access to vehicle lift is obtained by pressing the button on the control stalk on the right of the steering column, whenever the engine is running and the doors are closed.

A confirmation tone will be heard when vehicle lift is activated.

- i** **NOTE:** Vehicle lift is only available when the engine is running.
- i** **NOTE:** If vehicle lift is requested while the engine has been stopped by the Eco Start-Stop System, the engine will be automatically restarted.

## Vehicle Lift

- i** NOTE: Vehicle handling modes are inhibited when vehicle lift is lowering or raising.
- i** NOTE: Vehicle lift will be unavailable if launch mode is active.

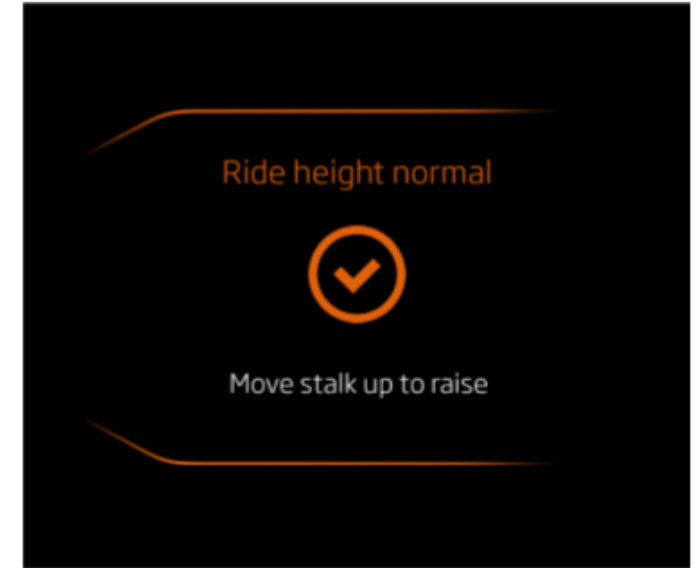
The vehicle lift menu will exit after the timeout duration has been exceeded if there is no activity on the menu.


### Vehicle lift - Raise

- !** **WARNING:** On no occasion should vehicle lift be used as a jacking system. Using vehicle lift to access below the vehicle may result in serious injury.
- i** NOTE: When the vehicle is at normal ride height, you will only have the option to raise the vehicle.
- i** NOTE: Vehicle lift will be delayed if the vehicle experiences any excessive steering wheel input.
- i** NOTE: Always check the vehicle lift icon on the display before driving your vehicle.



Before vehicle lift can be activated, the engine must be running. To raise the vehicle, activate the vehicle lift menu (see Vehicle lift operation, page 1.34) and then move the control stalk upwards.



 The change in vehicle ride height is confirmed by an ascending audible tone. 'Vehicle raising' appears on the Folding Driver Display and the vehicle lift icon will flash.

If the engine is stopped while the vehicle is raising, the system will stop and continue to raise only when the engine is restarted.

To change from raise to lower, move the control stalk downwards. The vehicle will start to lower, and the information displayed on the Folding Driver Display will confirm the change.







## Vehicle Lift

When the vehicle is fully raised, an audible confirmation tone is heard. 'Ride height raised' appears on the Folding Driver Display and the vehicle lift icon is illuminated while the vehicle remains raised.

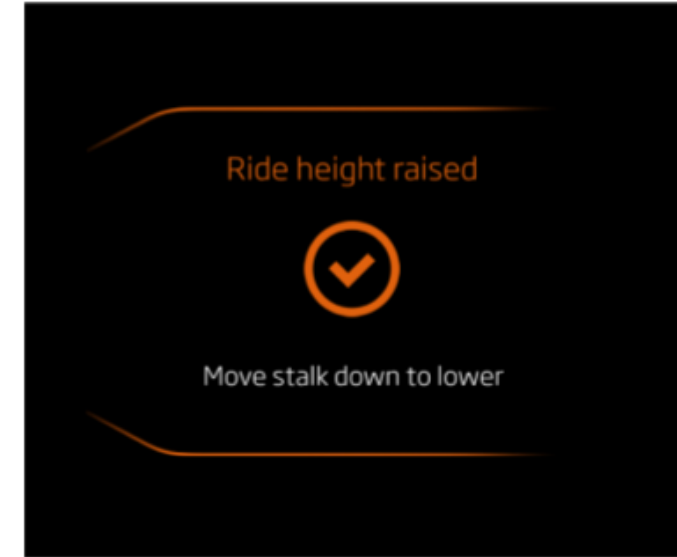
If there is no further activity, the vehicle lift menu will exit after the timeout duration has been exceeded.

### Vehicle lift - Lower

-  **NOTE:** To lower the vehicle while stationary, the engine must be running and the driver's door must be fully closed.
-  **NOTE:** When the vehicle is raised, you will only have the option to lower the vehicle.
-  **NOTE:** Do not drive at high speed whilst the vehicle is lowering. If the vehicle begins to auto lower, a descending audible tone is heard, and the vehicle lift menu will be displayed on the Folding Driver Display allowing you control of the system.
-  **NOTE:** Always check the vehicle lift icon on the Folding Driver Display before driving your vehicle.



To lower the vehicle, activate the vehicle lift menu (see Vehicle lift operation, page 1.34) and then move the menu control stalk downwards.

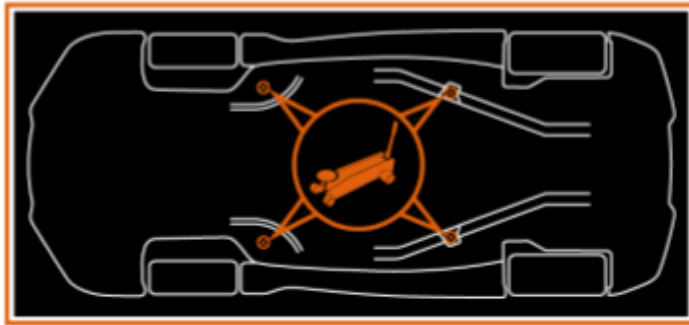


 The change in vehicle ride height is confirmed by a descending audible tone. 'Vehicle lowering' appears on the Folding Driver Display and the screen vehicle lift icon will flash.

To change from lower to raise, move the control stalk upwards. The vehicle will start to raise, and the information displayed on the Folding Driver Display will confirm the change.

When the vehicle is lowered, an audible confirmation tone is heard. 'Ride height normal' appears on the Folding Driver Display and the vehicle lift icon extinguishes.

## Vehicle lifting points



**WARNING:** Ensure the vehicle is correctly positioned on a jack or vehicle lift before raising the vehicle to a workable height. Always engage vehicle lift safety locks or use suitable stands to ensure your safety before working under the vehicle.

Refer to the illustration, and labels on the vehicle, for correct lifting locations.

Make this information available to any third parties who may be assisting in the recovery of your McLaren.



**NOTE:** Lifting the vehicle at any other points will damage the vehicle.



**NOTE:** Use a jack with a flat lifting platform and a rubber pad to protect the chassis from surface damage. Do not lift under a body panel.