



# McLaren Speedtail

Owner's Handbook Supplement





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### 1.1 Maintaining Your McLaren



## Maintaining your McLaren


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# Maintaining Your McLaren


## Battery Care and Maintenance


### Safety

Before using the battery charger, familiarise yourself with the following safety information.

 **WARNING:** Your McLaren is fitted with two lithium-ion batteries. A 12V battery and a High Voltage (HV) battery. The HV battery can only be charged with the Wireless Charging system (WCS). A 12V battery charger should only be used to charge the 12V battery when access to the WCS is not available. Contact your McLaren Retailer for more information.

 **WARNING:** Both lithium-ion batteries fitted to your McLaren are sealed for life and no attempt should be made to break the battery seal to inspect the battery cells.


 **WARNING:** If access to the WCS is not available, leave a suitable 12V battery charger connected to the 12V battery and switched on during periods when your vehicle is not in regular use. This will help maintain and prolong the life of the battery.


 **WARNING:** Before use, check that all cables are in good condition; do not use cables that are damaged.

Ensure that all cables are kept away from sharp edges, are not pinched or trapped and are not close to hot surfaces or water.

Never charge a damaged battery. The battery must only be charged in a well ventilated area; the charger must never be covered or placed on the battery.

Do not place any metal objects on a battery. You could cause a short circuit and the battery could ignite. Keep the charger out of reach of children at all times.

 **WARNING:** Do not charge the 12V battery externally whilst the engine is cranked.

 **WARNING:** Disconnect all external connections to the 12V battery before attempting to crank the engine. Do not externally charge the 12V battery when the Wireless Charging System is being used.

## Maintaining Your McLaren

### Battery Care and Maintenance

#### Charging the battery

- i** **NOTE:** The WCS and driving your vehicle are the best ways to care for your 12V and HV batteries. McLaren recommends using the WCS to maintain optimum battery condition when not driving the vehicle.
- i** **NOTE:** To maintain your 12V battery in optimum condition, always leave the McLaren supplied 12V battery charger connected to the battery and switched on during periods when your vehicle is not in regular use and access to the WCS is not available.
- i** **NOTE:** A 12V battery charger maintains the condition of the 12V battery. McLaren recommends that you regularly check the condition of the 12V battery on the WCS app, or on the Drivers Display.



**WARNING:** Do not connect the battery charger to the interior accessory socket.



**WARNING:** Always disconnect the 12V battery charger before entering the vehicle

Refer to the instructions supplied with the battery charger. The charger connects to the accessory socket under the front service cover.



**NOTE:** The HV battery State of Charge is affected by ambient conditions. The HV battery is likely to retain most of its useable capacity when placed in a storage environment that is maintained between 17 to 25°C.

## Maintaining Your McLaren Battery Care and Maintenance

### Opening front luggage compartment with a discharged battery

If your battery becomes discharged, in order to gain entry to the front luggage compartment you will need to access the Bonnet manual release tool. It is recommended you store this tool inside the cabin in the case of a discharged battery situation.

For further instructions on gaining access, please refer to your Owner's Handbook section 6.13 for information on locating the manual door release key holder. If you cannot access your Owner's Handbook, please use the QR code on the reverse of this supplement to download a copy of the Owner's Handbook to your smart phone.

**i NOTE: The key fob or luggage compartment buttons on the dashboard will not release the luggage compartments if the battery is discharged or disconnected. In the event of this, use the manual release mechanism.**

### Opening procedure



1. Using the hex key provided, remove the screw **1**, then lift the back cover away from the key fob.

Refer to key fob opening tool, page 6.14 of your owners manual



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 6.13 of your Owner's Handbook.



## Maintaining Your McLaren

### Battery Care and Maintenance



4. Insert the mechanical key into the lock, and turn the key anti-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.

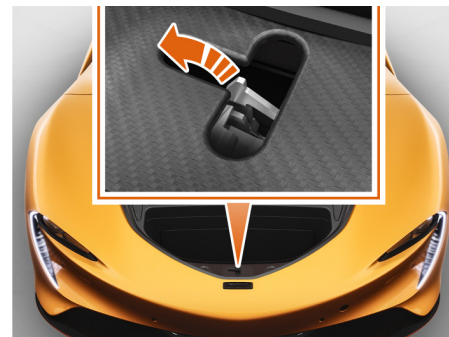
**i NOTE:** Unlocking the vehicle using the mechanical key will activate the anti-theft system and may cause the alarm to sound. Once the door is open, open the left-hand seat stowage compartment and place the key fob in the stowage compartment within 10 seconds. The vehicle will recognise the key fob and stop the alarm from sounding.



6. The mechanical lock is located in the front left-hand air duct

Insert the mechanical key into the lock and turn until mechanical resistance is preventing full release of the luggage compartment lid.

7. Apply pressure to the McLaren badge on the luggage compartment lid (to counteract pressure of the seals), and turn the key further to release the lid.
8. The luggage compartment will fully unlock and open slightly.



9. Lift the luggage compartment lid and release the safety latch.

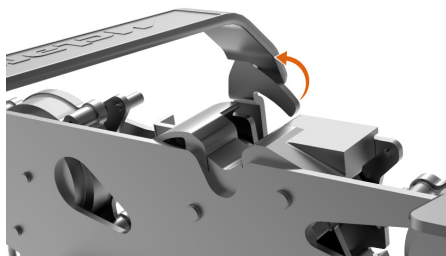
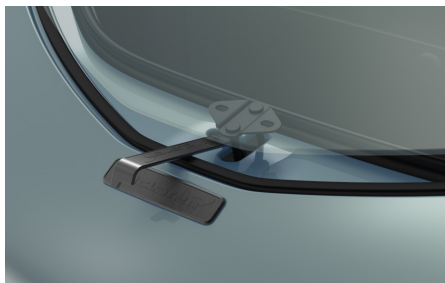
## Maintaining Your McLaren

### Battery Care and Maintenance

10. If the safety latch cannot be reached by hand, locate the manual bonnet release tool provided in the accessories bag.



11. Raise the bonnet to increase the access space. Insert the manual bonnet release tool, pointed end first until there is contact with the latch claw side wall.



12. Rotate the latch in the direction shown. To reduce the rotation release effort, ensure that there is no contact between the striker and the safety latch claw.
13. Open the luggage compartment lid, the gas struts will support it in the fully open position.
14. Fit the mechanical key back into the key fob.
15. If the key fob battery has become discharged, replace the battery at the earliest possible opportunity, refer to Owner's Handbook page 6.37

## Maintaining Your McLaren

### Battery Care and Maintenance

#### How to recover the vehicle with a discharged 12V or HV battery

If the 12V battery, the HV battery, or both 12V and HV batteries become discharged, the Electronic Park Brake (EPB) must be released to enable the vehicle to be towed away. This can be done once the 12V battery is recovered. To recover the 12V battery please contact your McLaren retailer.



**WARNING: When the 12V battery is discharged, only use a 12V slave battery to energise the system to release the EPB. Any other voltage source could cause serious damage to your vehicle.**



**WARNING: Before use, check that all the cables are in good condition; do not use cables that are damaged.**

Attempt to release the parking brake (refer to your Owner's Handbook). If the brake does not release, please contact your nearest McLaren retailer.

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



**WARNING: To avoid damage of the electrical systems when the 12V battery is being charged:**

**Do not charge the 12V battery externally whilst the engine is cranked.**

**Disconnect all external connections to the 12V battery before attempting to crank the engine.**

**Do not externally charge the 12V battery when the Wireless Charging System is being used.**

#### Boost starting from another vehicle

Contact your McLaren Retailer.

Avoid damage of Electric Drive Systems when 12V battery charging:

- Do not charge the 12V battery externally whilst engine is cranked.
- Disconnect all external connections to 12V battery before cranking the engine.
- Do not externally charge the 12V battery when wireless charger is being used.



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## Maintaining Your McLaren

### Washing your McLaren

#### Washing the Ailerons



**WARNING:** Do not lift up the ailerons manually.



**WARNING:** Do not apply pressure to the trailing edge of the aileron during cleaning.









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