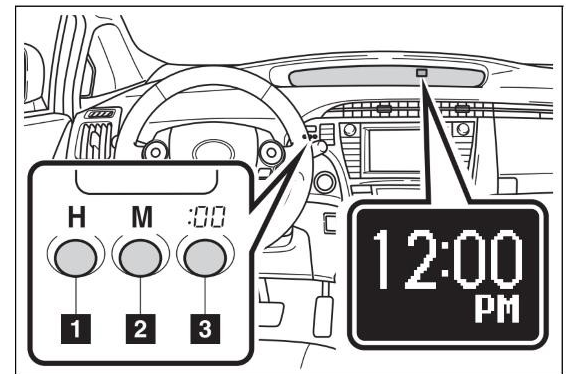


System Reinitialisation after Battery Replacement

After a battery has been replaced in a vehicle, there are a number of devices which may need to be reinitialised in order for them to operate correctly. This update will you step through how to reinitialise the most common items in vehicles.

Clock

Some vehicles may require the clock to be set after replacing a battery. This is not normally a difficult process however every vehicle is different. If the clock display does not have adjustment buttons adjacent to it, consulting the Owner's Manual is the quickest way to adjust the clock. Although this may take a couple of minutes, the Customer will appreciate it!



Power Windows

Power windows normally need to be reinitialised so the auto down & up, and the anti-pinch features work correctly. The anti-pinch mechanism is a safety feature designed to stop the window closing if there is something in the opening (i.e. fingers or an arm).

To reset these functions, turn the ignition on (do not start the engine). Working with one window at a time, start with the window fully up. Push the power window switch down firmly and continue to hold it for 5 seconds after the window is all the way down. Now lift the switch firmly and hold it for 5 seconds after the window is all the way up.

Sunroof

Some sunroofs operate in a similar way to the power windows with an anti-pinch protection circuit. Check the sunroof operation after the battery has been changed to see if it operates correctly.

To reinitialise most tilt and slide sunroofs, start with the sunroof closed. Push and hold the tilt button for 10 to 15 seconds. This will normally trigger a calibration routine where the roof will open and close to re-learn its travel limits.

Not all sunroofs are the same, so if you are not sure read the Owner's Manual as it will contain instructions for resetting the limits of the sunroof.

Warnings lights

Sometimes after a battery has been replaced there can be a few warning lights illuminated in the instrument cluster when the vehicle has been started. Most likely they will be a combination of the ABS, ESP and TCS lights however there may be others.

The first thing to do is not panic – this is normal. The ABS, ESP and TCS systems need to know the speed of the wheels and the position of the steering wheel in order to operate correctly.

To resolve this the sensors need to be calibrated by turning the steering wheel from lock to lock, and driving the vehicle a short distance. This calibration can be done at low speed, **but only where it is safe to do so**. A car park is a good place to do this while making sure that there is no other traffic around.

You must have a conversation with the Customer before doing this to confirm if they would like you to do the calibration, or if they would prefer to do it themselves.

Idle Stop Start (ISS)

The ISS system will not always operate immediately after a battery has been changed. The system first needs to interrogate the battery to make sure it will start the engine when required.

As an example, the Mazda i-stop system has a learning period after a battery change. Once the system has been reset, it can take up to 2 weeks of driving before the i-stop system begins operating correctly. This was discussed in more detail in a previous Tech Update.

After the battery has been replaced and registered (if required), explaining to the Customer that it may take up to 2 weeks for the ISS system to operate correctly will help avoid confusion or unnecessary trips to the dealer.

