

McLaren 750S Clock Concerns

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Document Information

Location: Electrical - Infotainment (ADI)

Topic: Process to set clock on P28 750S

Condition: Unable to set clock when indoors or between buildings (obstructed view of sky)

Diagnostic Trouble Codes: N/A

Measure

When setting the time on a P28 750S it is a requirement to ensure that a clear GPS signal is present. If the time/date is not set you will be unable to install navigation maps until the time is set.

The vehicle time will set from GPS data, you should not need to set the time and date unless the time will not set by leaving the vehicle with the ignition on with good GPS signal for 10 minutes.

If GPS signal is lost, the following concerns may be present:

- Unable to set and save time
- When changing the time by 1 minute, the change will not happen on the driver display (only the central display)

This can be of particular concern during the PDI process or following any repair work where the 12v battery has been disconnected. After a 12v battery disconnection, the time should set without the need to manually set the time/date in the central display.

The navigation screen must not display "weak GPS signal" or this will not occur. If after 10 minutes of the ignition being left on the clock has not reset you will need to set the clock in the central display.

After the latest ADI update it has been noticed in some instances the time and date cannot be set

If the time and date cannot be set and will always revert to 00:00 or --:-- with the following message displayed - "Invalid time - Invalid central time received"

Please follow the below steps;

- Ensure time in the MDS device is set to correct regional time zone, if not correct please update MDS device time
- Turn ignition to IS5 with the vehicle outside with clear GPS signal
- Enter the navigation section and ensure 'Weak GPS signal' is not displayed
- Perform SBC configuration sequence (This will reset the RTC Real Time Clock)
- Immediately after SBC sequence set time/date in centre display again
- Perform ADI sequence - Align Vehicle Configuration
- Perform ESW sequence - Align Vehicle Configuration
- Enter the radios settings and erase all data and settings, let the radio restart
- Turn off ignition and let the vehicle sleep for 5 minutes
- Wake the vehicle to recheck if clock has retained time

Parts Information

N/A

Attachments

N/A

Repair Time

0.5