

PER FMCSA RULES, THIS GUIDE MUST BE KEPT IN THE VEHICLE AT ALL TIMES

MASTER ELD DRIVER MANUAL



MASTERELD.COM
630-422-7497

SECTION 1

MASTERELD SYSTEM REQUIREMENTS

1. 4G LTE mobile device with data-roaming.
2. Bluetooth 4.0 and internal GPS.
3. Android 9 or newer operating system.
4. A Google account signed into the mobile.



SECTION 2

INSTALLING MASTER ELD APP

1. Download the MasterELD Driver App from the Google Play Store (for Android) or the App Store (for iPads).
2. Open the MasterELD application. Enter your Username and Password. Tap "CONFIRM".
3. To function, the MasterELD app requires permission to use your device's Location and Storage. Select "ALLOW", or "ALWAYS ALLOW", when prompted.



SECTION 3

INSTALLING DEVICE

1. Make sure your vehicle engine is turned off. Check the ignition key is set to 'OFF' position.
2. Find the diagnostic port inside of your vehicle.
3. Insert ELD device and turn clock-wise to lock device.
4. Turn on Power. ELD device will begin synchronizing with your vehicle's engine computer.

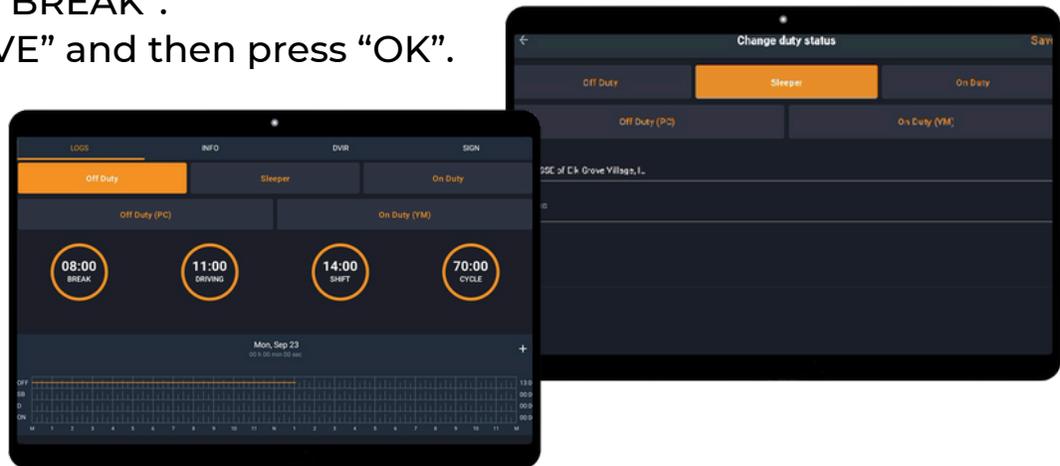
The ELD device has small lights, to indicate its status.

- Blinking **Green** and **Blue** ELD Device is connected and receiving data from the vehicle's computer.
- **No Light** ELD Device is not connected or not receiving power.

SECTION 4

ALL DUTY STATUS

1. On the main ELD home screen, you will have all your duty status: OFF DUTY, SLEEPER, ON DUTY, OF DUTY(PC), ON DUTY(YM)
2. Select one of the status. Your location will automatically generate.
3. To indicate, tap on the long line next to "REMARKS", such as "PTI" or "COFFEE BREAK".
4. Press "SAVE" and then press "OK".

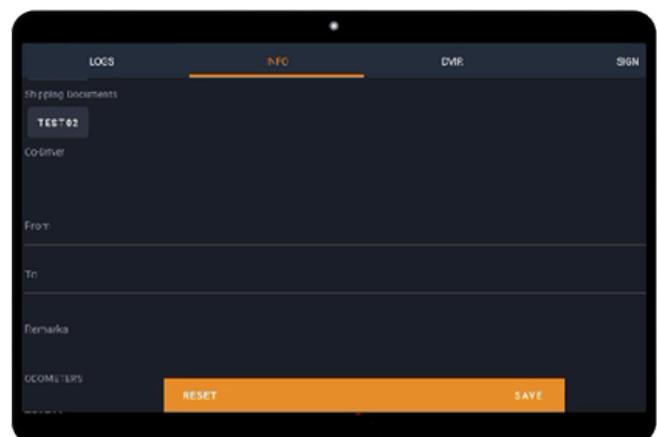


SECTION 5

INFO

1. The INFO section provides logbook details that are not included within the HOS graph. Any changes can be saved by scrolling to the bottom of the screen and clicking the large orange "Save" button. This information may include:

- Driver's Name
- CMV Number
- Load Number
- Daily Mileage
- Driver's ID Number
- Trailer Number
- Trip Information
- Carrier Name and Address.



SECTION 6

RECORDING MOVEMENT

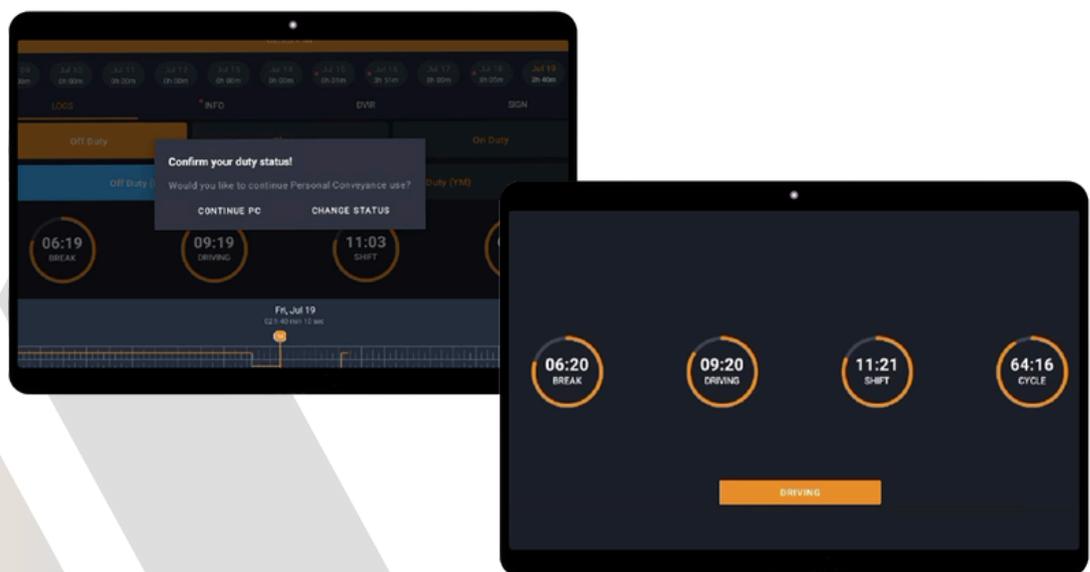
1. Per FMCSA, the ELD device will begin **automatically** recording movement at a vehicle speed of **5 MPH or more**. Depending on driver input, this movement can be categorized as one of three options: DRIVING, ON-DUTY YARD MOVE, OFF-DUTY PERSONAL CONVEYANCE.

2. ON-DUTY YARD MOVE MOVEMENT :

- Select "On-Duty" to designate the movement as part of your shift.
- Check the box for "Yard Move" within the On-Duty menu before initiating driving.
- This movement will be recorded and counted towards your "ON-DUTY" shift clock.

3. OFF-DUTY PERSONAL CONVEYANCE MOVEMENT

- Select "Off-Duty" to designate the movement as personal and not related to business activities.
- Additionally, check the box for "Personal Conveyance" within the Off-Duty menu before initiating movement.
- Please note, per FMCSA regulations, a reason for the personal conveyance must be provided.
- *MasterELD is not liable for Personal Conveyance (PC) movements that do not comply with FMCSA regulations. If you have any questions regarding PC movement, please reach out to your carrier for clarification.*

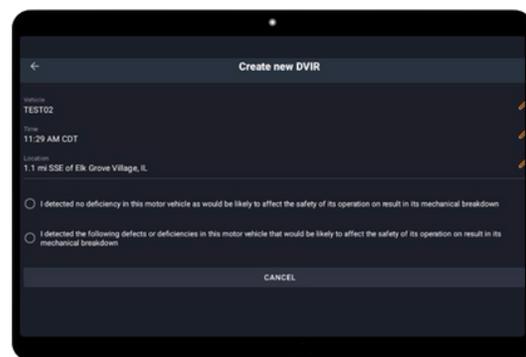
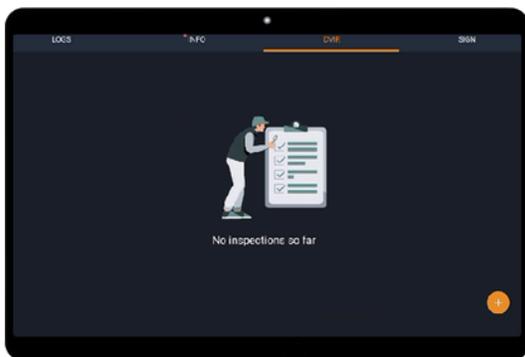


SECTION 7

DVIR (Post-Trip Inspection)

1. Post-trip inspections are mandatory at the end of each workday. To initiate, go to the "DVIR" section and click the orange "+" button. The driver may then select from two options:

- The driver did not identify any issues with the vehicle combination during the inspection.
- The driver identified a fault with the vehicle combination during the inspection and may provide additional details regarding the issue

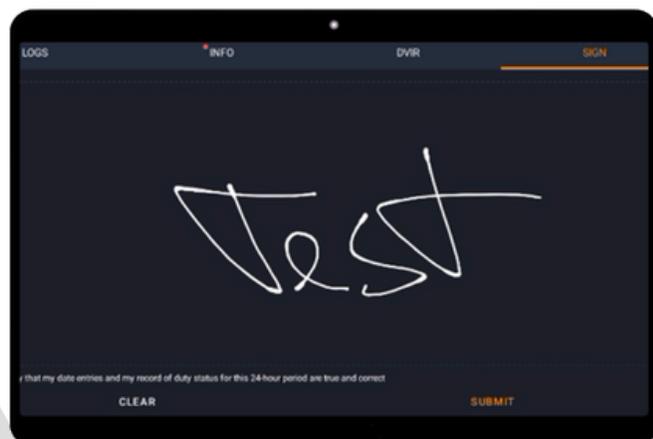


SECTION 8

CERTIFY A LOG

1. Certifying your logs at the end of each workday is essential, as it confirms the accuracy and authenticity of your recorded activities.

- Select the "Signature" category.
- Either draw your signature or apply a pre-saved signature.
- Click the "Submit" button.



SECTION 9

ELD MALFUNCTION

If the Vehicle Gateway is not functioning properly, you are experiencing an ELD Malfunction and need to follow the procedures found in **§ 395.34**, paraphrased below.

What does the driver need to do in case of a malfunction?

1. For any troubleshoot or issue contact MasterELD Technical Support immediately at **630-422-7497** or email **eldsupport@safetypartners.org**
2. Provide written notice to your fleet management within 24 hours of malfunction discovery.
3. Temporarily switch to manual paper logs until the ELD is repaired.

What does the fleet need to do if the ELD is malfunctioning?

1. A motor carrier must take action to correct the malfunction of the ELD within 8 days of discovery of the malfunction on a driver's notification to the motor carrier, whichever occurs first.
2. Upon notification by fleet manager, MasterELD will prepare a new device for the carrier.
3. If a motor carrier needs a time extension beyond 8 days, MasterELD is not authorized to provide this extension. The motor carrier must contact the FMCSA Division Administration for the state of the motor carrier's place of principal business within 5 days after a driver has notified the carrier, according to guidelines set forth in 395.34(2)

Section 395.22 – Motor Carrier Responsibilities

“A motor carrier must ensure that it's drivers possess onboard a commercial motor vehicle and ELD information packet containing the following items: An instruction sheet for the driver describing ELD malfunction reporting requirements and recordkeeping procedures during ELD malfunctions.”

SECTION 9

ELD MALFUNCTION

MasterELD Self-Monitoring

MasterELD will monitor and report malfunction data based on section 4.6 'ELD's Self-Monitoring of Required Functions' Table 4:

- P** – “Power Compliance” malfunction.
- E** – “Engine Synchronization Compliance” malfunction.
- T** – “Timing Compliance” malfunction.
- L** – “Positioning Compliance” malfunction.
- R** – “Data Recording Compliance” malfunction.
- S** – “Data Transfer Compliance” malfunction.
- O** – “Other” ELD detected malfunction.

How can a driver know if the Master ELD is malfunctioning?

The MasterELD ELD device has visual LED lights to indicate it's status.

- **No Light** – The ELD is not plugged in or not receiving power.
- **Blinking Green and Blue** – The ELD is connected.
- **Any color** except Blue and Green – The ELD is not connected to the vehicle ECM.

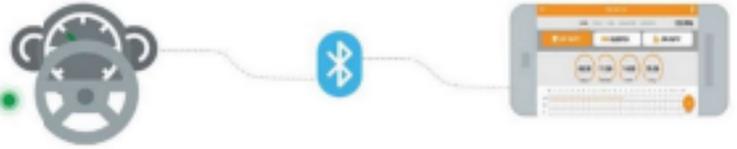


DOT REFERENCE CARD

KEEP THIS CARD IN VEHICLE AT ALL TIME

MASTERELD

The MASTER ELD device plugs into the diagnostic port in a vehicle and is integrally synchronized with the engine. The ELD automatically records driving time and connects the MASTER ELD APP on a mobile device via BLUETOOTH.



FOR OFFICER LOG INSPECTIONS

Tab the menu icon  and select **"INSPECTION MODULE"**



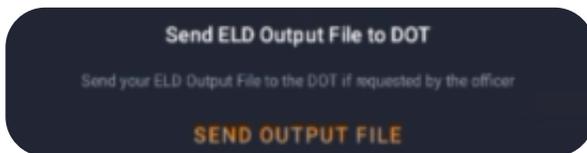
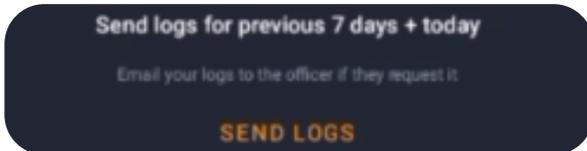
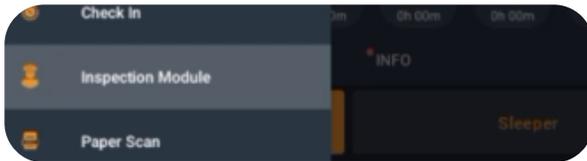
Tab **"BEDIN INSPECTION"** to let an officer view your logs directly from your device



Tab **"SEND LOGS"** to email a copy of your logs to an officer



Tab **"SEND OUTPUT FILE"** to submit your ELD output file to the DOT via web services



DEVICE MALFUNCTION



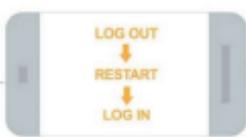
IOSIX

DEVICE DOES NOT HAVE LIGHT

Turn the engine off and reconnect the plug

TABLET SHOWS "SCANNING"

Call customer support **630-422-7497**



IF YOUR TABLET SCREEN DOES NOT LOCK WHILE DRIVING

Failing to stop the vehicle and assure proper functioning of the ELD device and APP will constitute as a DOT violation.