ELD™

by TrackingMap

TM-ELD User Manual

FMCSA

Customer support +18332147670 or support@tmeld.us

Compliant with FMSCA ELD mandate requirements

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Let’s start with TM-ELD

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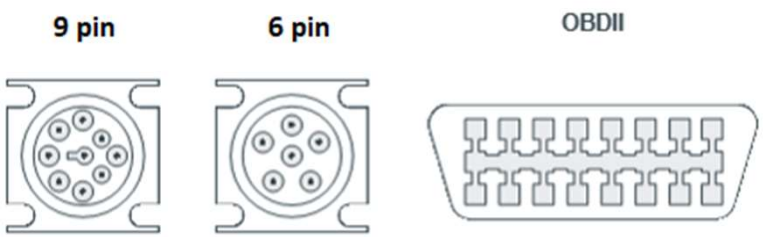
Install the TM-ELD in your vehicle (1)

1. With the engine off, locate the diagnostic port inside the vehicle. The diagnostic port is generally located underneath the left side of the dash.
2. Attach the cable to the vehicle's diagnostic port, which may vary depending on a vehicle manufacturer.



Ensure the cable is secured by turning the collar clockwise to lock it in place

Install the TM-ELD in your vehicle (2)

3. Attach the other end of the cable to the TM-ELD.

4. Once plugged in, the indicator lights will flash momentarily before turning solid red. After approximately one minute, the left-side indicator light will turn green, indicating a successful GPS connection. If this does not occur, try moving the ELD to increase exposure to the sky.

   Orange LED

   TM-ELD is ready, when the LED is red and it is blinking orange once.
   LED is red and it is blinking orange once every 3.5 second means the unit is connected and working properly.

LED no 1 (Soft)

Behavior	Meaning
Permanently switched on	GPS signal is not received
Blinking every second	Normal mode, GPS is working correctly
Off	GPS is turned off, because of these reasons: 1. Deep sleep mode, or 2. GPS antenna is short circuited

LED no 2 (System)

Behavior	Meaning
Blinking every second	Normal mode
Blinking every 2 seconds	Deep sleep mode
Blinking fast for a short time period	Modem activity
Blinking fast constantly	Boot mode
Off	Device is not working correctly, or Device firmware being flashed

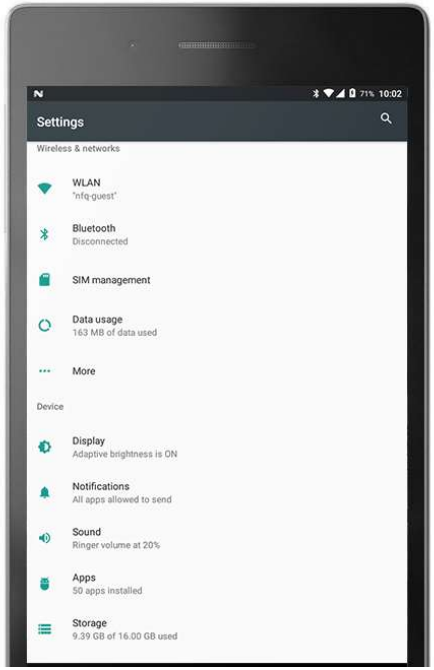
Install the TM-ELD in your vehicle (3)

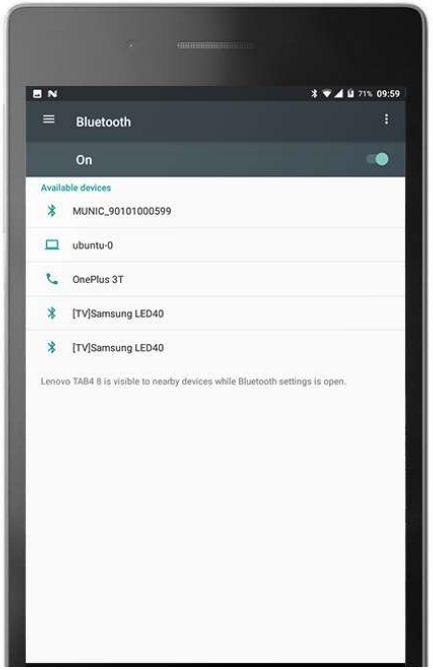
5 Choose a spot under the dashboard inside a vehicle to mount your TM-ELD. The mounting spot should be away from any vents or electrical components that may cause interference.

Connect your mobile device to the TM-ELD (1)

1 Open Android Settings and choose Bluetooth

2 A list of your devices will appear. Select the ELD device that you want to connect to and tap it to continue.



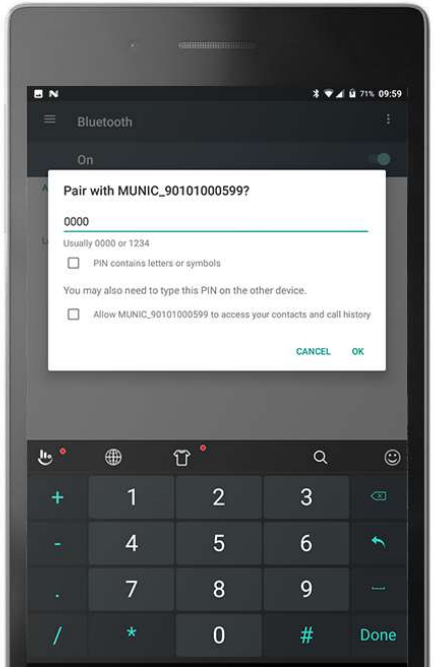


TM-ELD device is named prefix **FM3001_*serial_number*,** for example: “FM3001_0694844”.
If more than 1 search result appears with prefix “FM3001_”, device should be selected by serial number written on TM-ELD device.

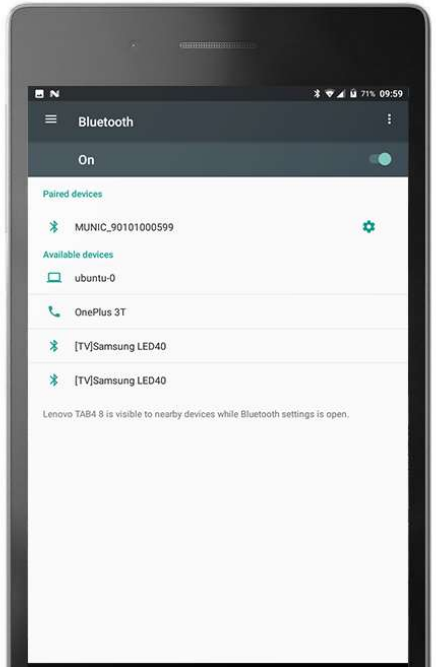
NOTE: for iOS devices please select a device with suffix LE, for example "FM3001_0694844 **LE**"

Connect your mobile device to the TM-ELD (2)

3 Enter PIN code **1583** to pair with your ELD device and tap OK



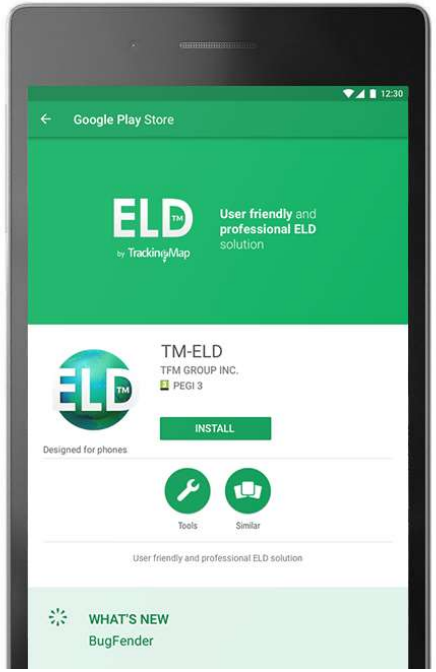
4 Ensure that your ELD device is at the paired devices list



Download the TM-ELD Android App

1. Search for "TM-ELD" in the Google Play Store for Android devices

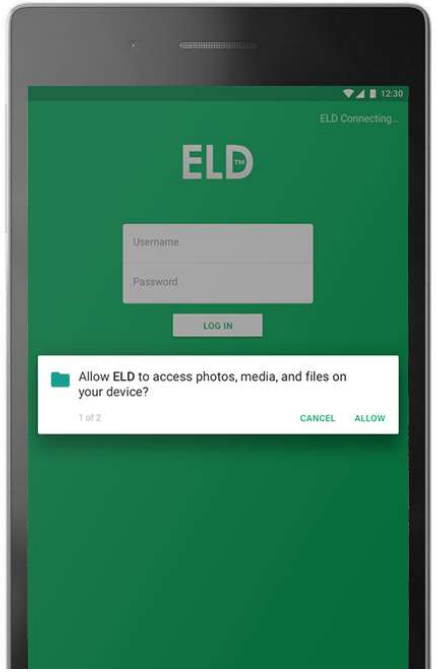
2. After you find it, tap on “INSTALL” icon to download & install the app.



Login to the TM-ELD App (1)

1. Open the TM-ELD App from your device's home screen.

2. On first run application dialog with permission request will appear. Accept with all requested permissions.

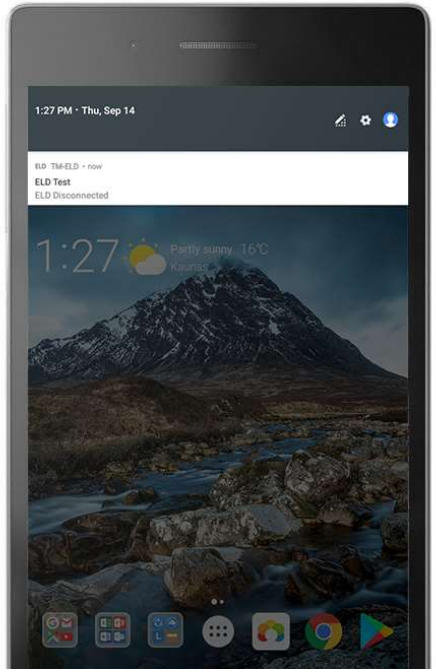


Login to the TM-ELD App (2)

3 Log in to the ELD mobile application (before log in “Connecting” status is shown or if ELD mobile application is already connected “Connected” status will be shown).

4 ELD connection state will be always shown in the notification bar, too.

Note: In order to log in for the first time, internet connection is required



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TM-ELD Usage

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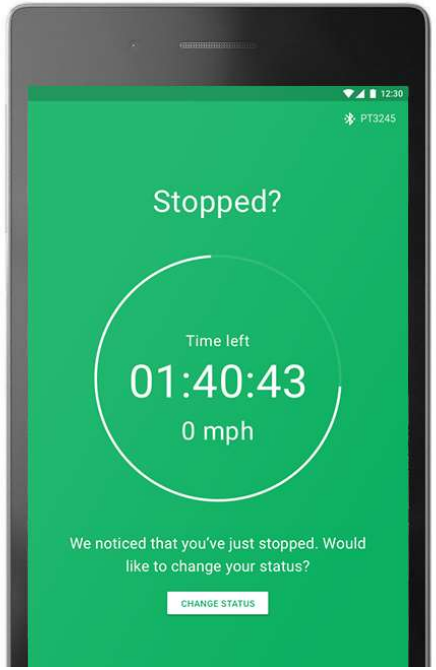
Record Hours of Service with the TM-ELD (1)

While you are connected to your vehicle's ELD, your driving time will be automatically recorded.

1. When your vehicle is moving at 5 MPH or greater, TM-ELD considers the vehicle to be in motion and your duty status will automatically be set to Driving.

2. At 0 MPH, the vehicle is considered stopped.

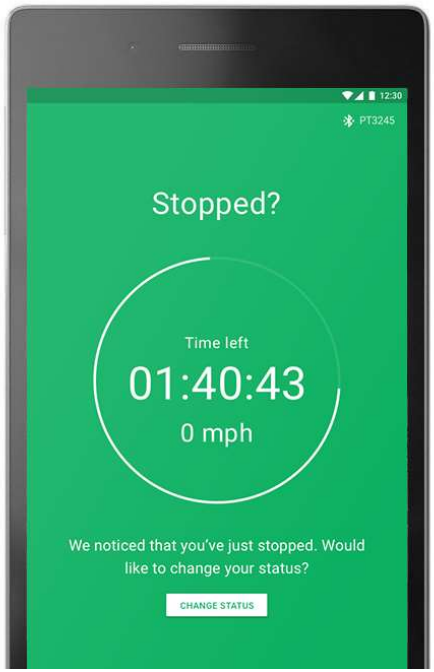
Note: While in motion, you will not be able to access your logs or any other part of the app.



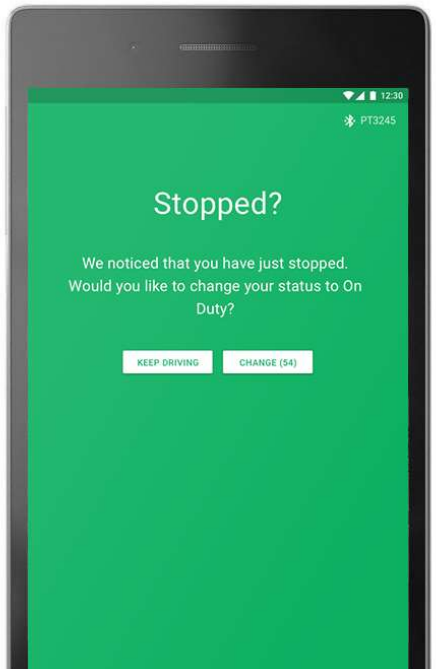
Record Hours of Service with the TM-ELD (2)

While you are connected to your vehicle's ELD, your driving time will be automatically recorded.

3. When stationary, you can change your duty status by tapping **Change Status** and selecting one of the alternate duty statuses listed.

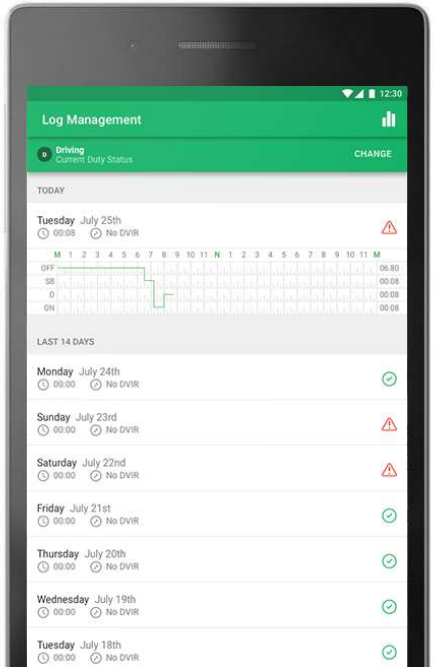


4. If the vehicle remains stationary for 5 minutes, a pop-up window will appear that asks if you would like to change your duty status. If nothing is selected, your duty status will automatically be changed to On Duty in 1 minute.

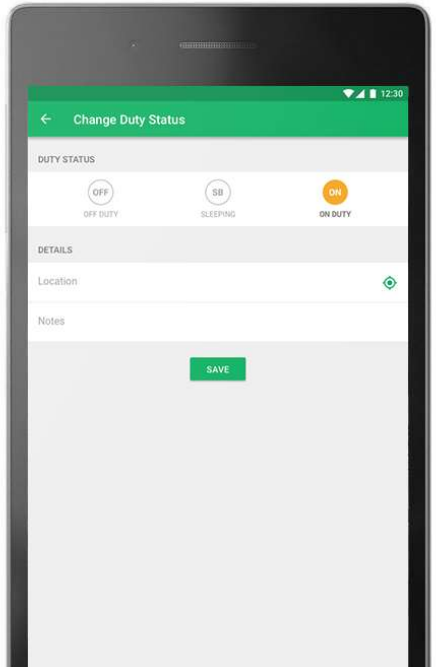


Change your current duty status (1)

1. On the main **Logs** screen tap the **CHANGE** button.



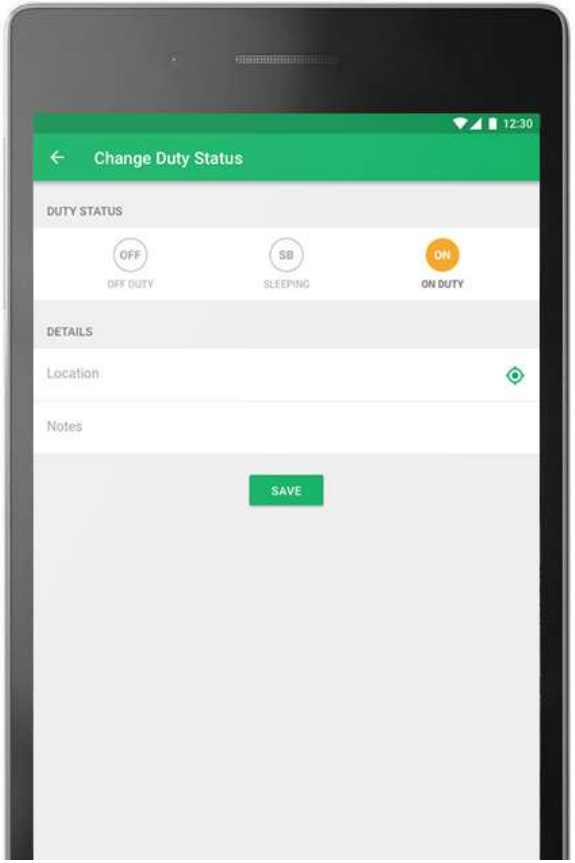
2. When you are not driving a vehicle, you can update your current duty status to Off Duty, Sleeper Berth, or On Duty.



Change your current duty status (2)

3. Tap on **the Location** field to enter your current location. You may tap on the to look up and fill in your location automatically.

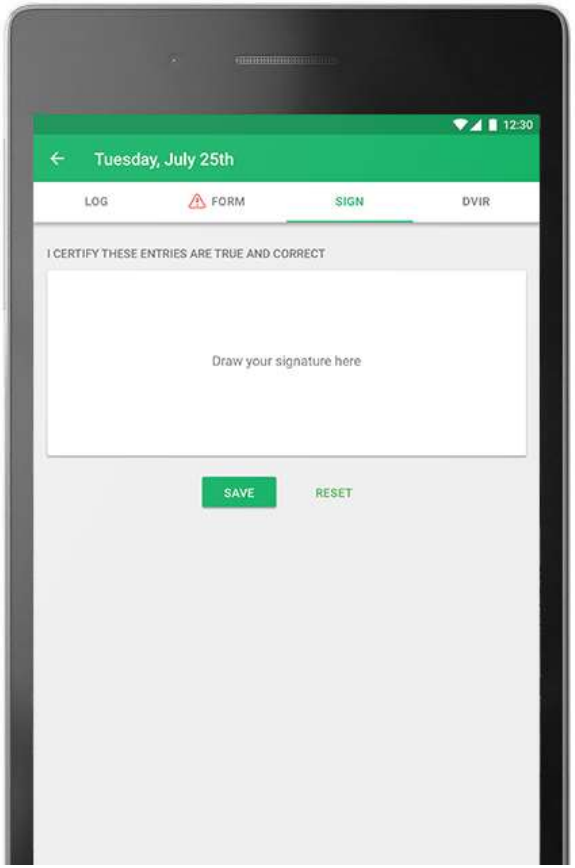
4. Enter **Notes**, such as "Lunch", "Pre-Trip Inspection", "Post-Trip Inspection" or “Gas station”, and tap **Save** button.



Sign your logs

Please be sure you signed your logs in the end of each day

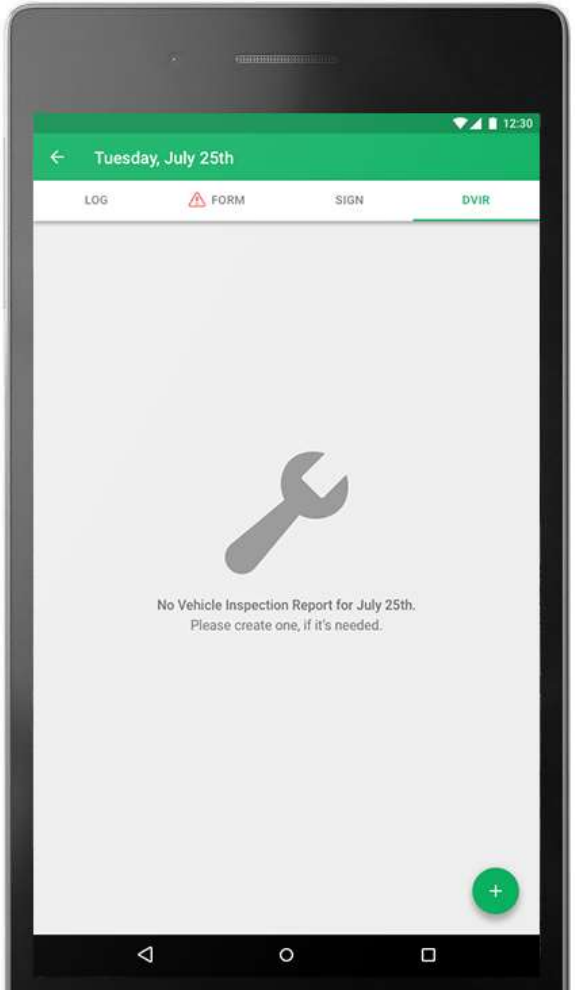
1. From the main **Logs** screen, tap on the day you would like to sign
2. Select the **Sign** tab on top.
3. Sign with your finger and tap **Save** to finish.



Note: When clicked on **Reset** a blank signature field is shown to provide a signature again.

Create a Vehicle Inspection Report (DVIR) (1)

Create a Driver Vehicle Inspection Report (DVIR) using TM-ELD

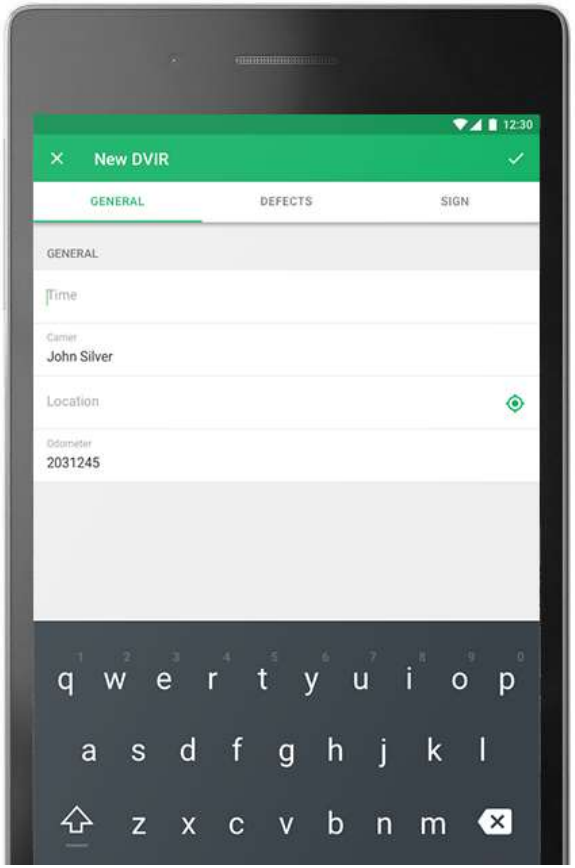


1. From the main **Logs** screen, select the day for which you would like to create a DVIR Report.
2. Select the **DVIR** tab at the top-right.
3. Tap on the + in the lower right corner

Create a Vehicle Inspection Report (DVIR) (2)

Create a Driver Vehicle Inspection Report (DVIR) using TM-ELD

4 Fill out the required fields in the **General** tab.

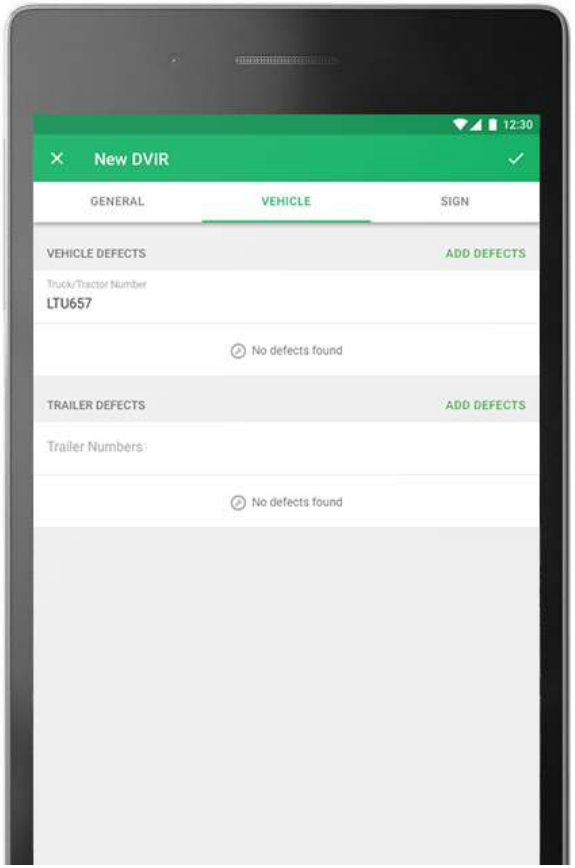


Create a Vehicle Inspection Report (DVIR) (3)

Create a Driver Vehicle Inspection Report (DVIR) using TM-ELD

5. Select the **Vehicle** tab on top to fill out the relevant fields. Usually, it is filled automatically.

6. To add any defects found, tap on **Add Defects** to Add Vehicle/Trailer defects.

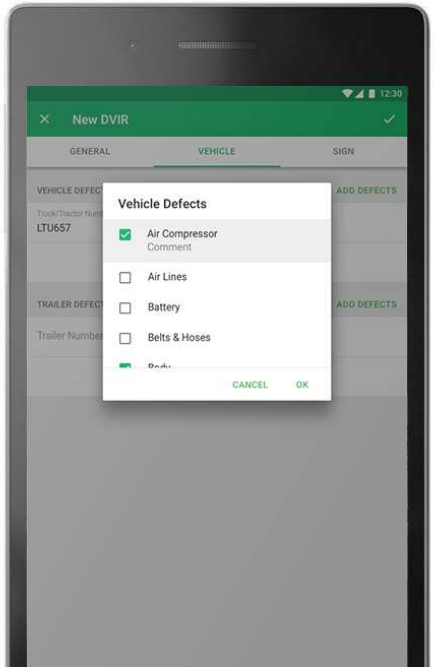


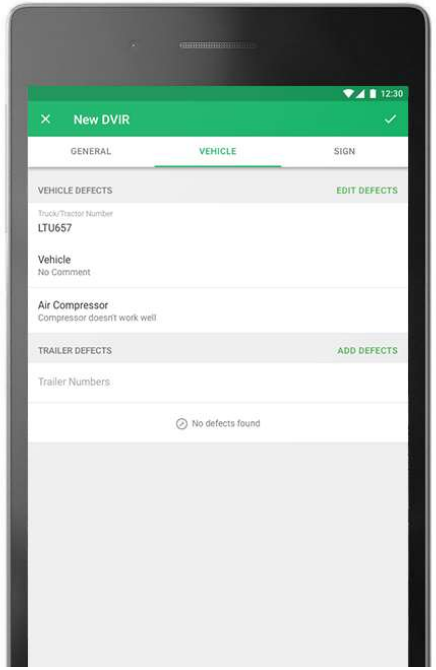
Create a Vehicle Inspection Report (DVIR) (4)

Create a Driver Vehicle Inspection Report (DVIR) using TM-ELD

7 Select defects from the list and add any relevant comments and tap OK.

8 Your filled defects list will appear on the screen.

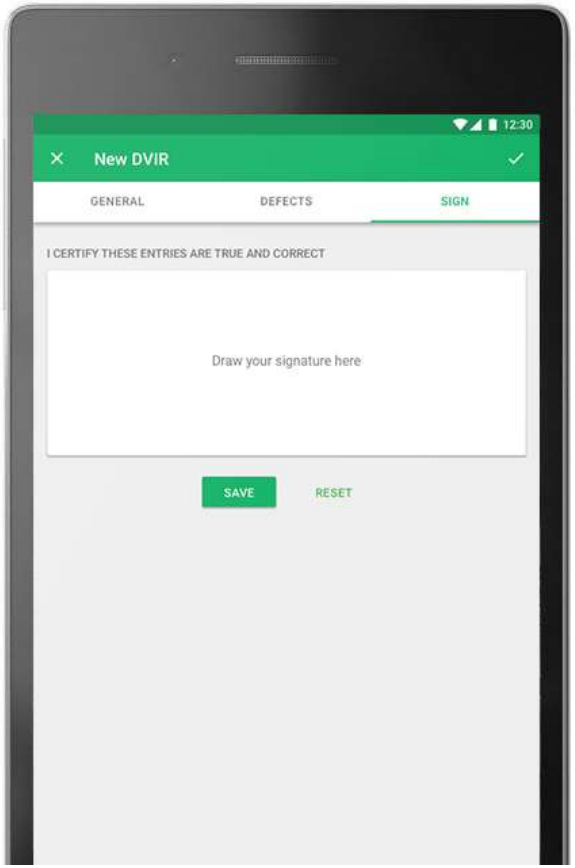




Create a Vehicle Inspection Report (DVIR) (5)

Create a Driver Vehicle Inspection Report (DVIR) using TM-ELD

9. Select the **Sign** tab on top to sign the DVIR Report electronically.
10. Check the box if the defects were corrected, or if they need not be corrected
11. Select “Sign DVIR” and sign with your finger and Tap **Save** to complete the DVIR Report.



Note: When clicked on **Reset** a blank signature field is shown to provide a signature again.

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Other Important Tools

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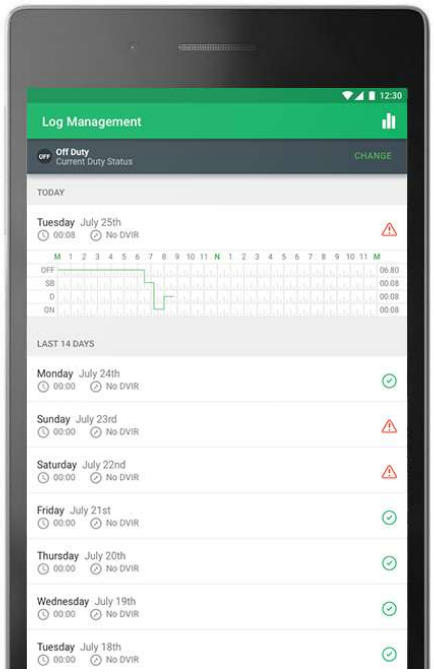
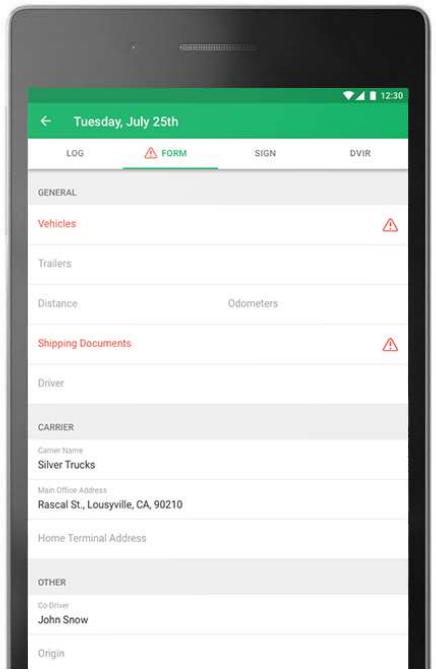
Find errors in your logs

A red exclamation ⚠ on the main Logs screen indicates that your log has an Hours of Service violation or a Form error.

1. **Hours of Service Violations.** A red symbol HOS within a circle on your log graph indicates that you drove beyond the time allowed by the Hours of Service rules.

2. **Form Errors.** A red exclamation on the Form tab indicates that you are missing required information such as total distance driven or shipping document numbers.



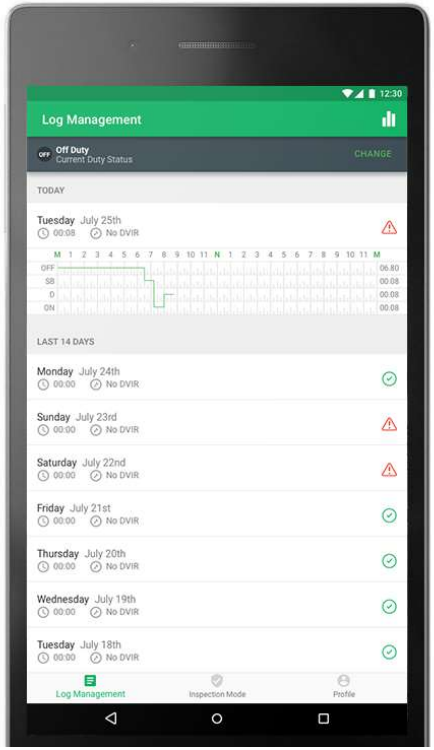


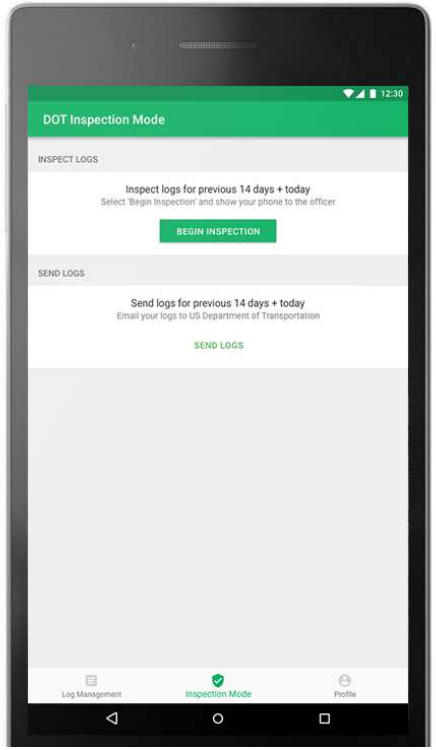
Let an officer inspect your logs (1)

TM-ELD provides an easy way for authorized officers to inspect your logs

1. Tap on the menu **Inspection Mode** icon on the bottom.

2. **Direct inspection.** To let an officer inspect your logs directly from your device, tap **Begin inspection.**





Let an officer inspect your logs (2)

TM-ELD provides an easy way for authorized officers to inspect your logs

3. Your logs will appear on the screen in the standard format. Hand the officer your mobile device.

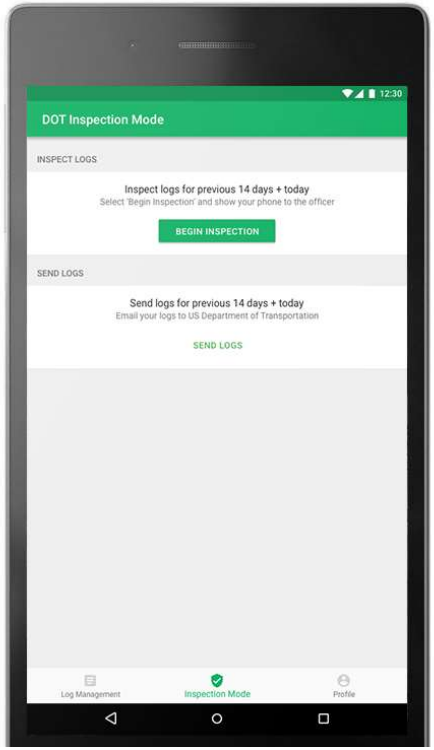
4. Use the arrows to navigate days.

5. Tap on the back arrow to exit **DOT Inspection Mode**.

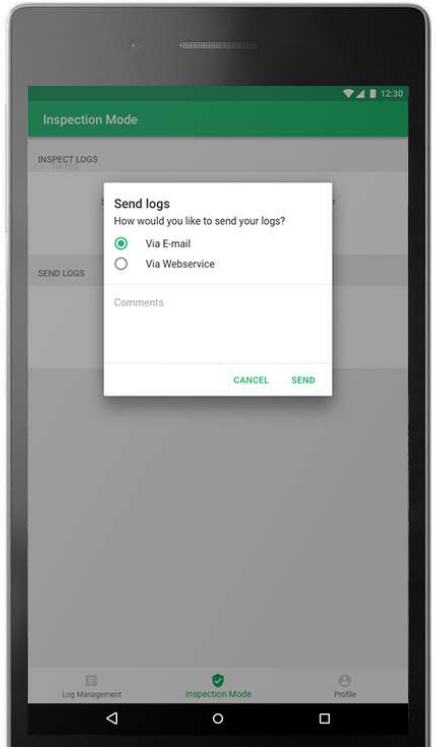
Let an officer inspect your logs (3)

TM-ELD provides an easy way for authorized officers to inspect your logs

6 **E-mail your logs.** In case you want to E-mail or send via Webservice your logs, tap on **Send logs** button.



7 Send your logs choosing **Via E-mail** or **Via Webservice** and tap on **Send** button. Before sending, you can also add a comment.



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