



# User's manual Geotab Drive

## Prepared by:

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Edition : Geotab Drive 9.0 (March 2023)

## Driver's using ELD responsibilities

A driver shall manually input or verify the following information in the ELD:

- (a) the date and the start time, if different from midnight, and their driver identification number;
- (b) the cycle that the driver is following;
- (c) the commercial vehicle licence plates as well as the unit number or trailer number, if applicable;
- (d) the names and the addresses of the home terminal and the principal place of business of the motor carrier by which the driver was employed or otherwise engaged during that day;
- (e) the commercial vehicle's location description, if it is not automatically drawn from the ELD's geo-location database;
- (f) if the driver was not required to keep a record of duty status immediately before the beginning of the day, the number of hours of off-duty time and on-duty time that were accumulated by the driver each day during the 14 days immediately before the beginning of the day;
- (g) any deferral of off-duty time under section 16;
- (h) if the driver was working for more than one motor carrier during the current day or the previous 14 days
  - (i) for each day during the 14 days immediately before the current day, the total number of hours for each duty status that were accumulated by the driver, and the beginning and end time of each 16-hour period referred to in subsection 13(3), and
  - (ii) the start and end times of each duty status in the current day, before the use of the ELD; and
- (i) any annotation necessary to complete the record of duty status

### Certification of Record of Duty Status

IA driver shall, immediately after recording the last entry for a day, certify the accuracy of their record of duty status

## Documentation required in cab

The motor carrier shall ensure that each commercial vehicle that it operates carries an ELD information packet containing a current version of the following documents:

- (a) a user's manual;
- (b) an instruction sheet for the driver describing the data transfer mechanisms supported by the ELD and the steps required to generate and transfer the data with respect to the driver's hours of service to an inspector;
- (c) an instruction sheet for the driver describing the measures to take in the event that the ELD malfunctions; and
- (d) a sufficient number of records of duty status to allow the driver to record the information required under section 82 for at least 15 days.

## Check list

- User manuel (this guide)
- Blank records (paper logs) minimum 15 records
- Blank Asset inspection papers
- Defect lists

## Resources and important information

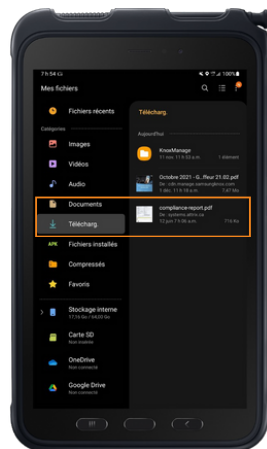
Contact person for the use of the ELD	
Phone Number	
Email address	
ELD Provider	Geotab

## Where to find the mandatory documents in your DX Terminal



All AttriX documents on how to use Geotab Drive can be found in the "My Files" section of the tablet. The icon can be found on the main page of the tablet, at the bottom left.

When downloading files, it is possible to display the downloaded files by the status bar in the top left corner.




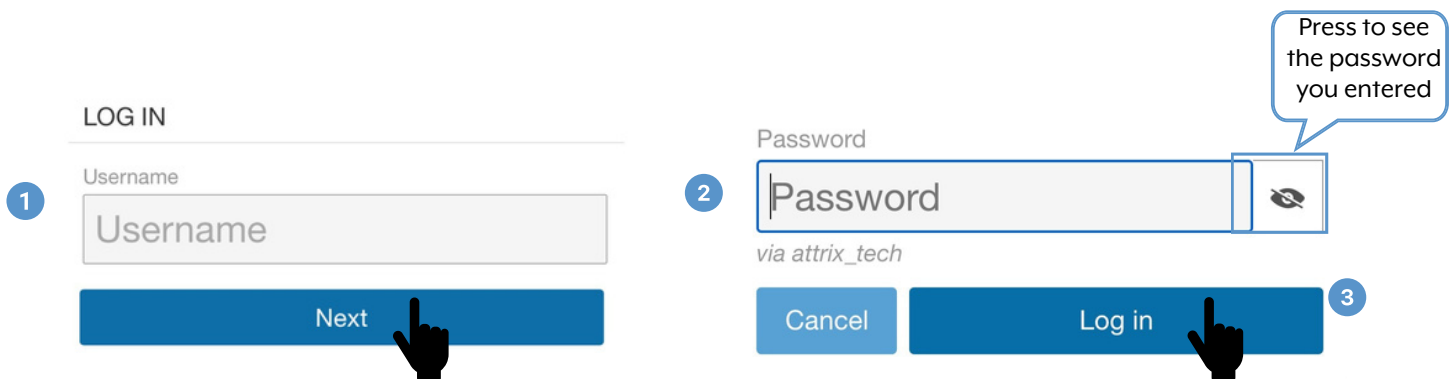
During a roadside check  
Once you have generated or uploaded the HOS or inspection, the PDFs will be available in the "My Files" section of the Samsung tablet

# Let's take the road to your compliance

- 1 Login to the Geotab Drive application
- 2 Connection to assets
- 3 Certification of daily logs
- 4 Performing asset inspections (circle check)
- 5 During the work shift, indicate your rest periods
- 6 At the end of the work shift, check your daily logs
- 7 Complete logout once back at home terminal

## Login

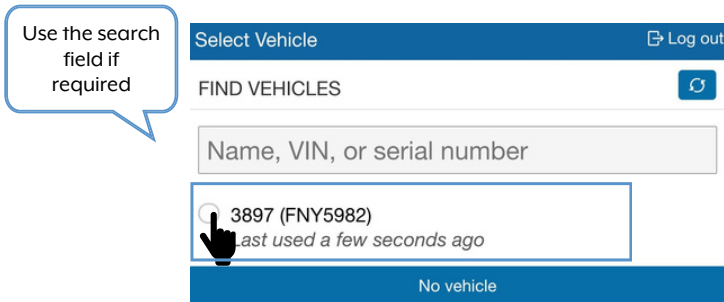
- 1 Press on the application 
- 2 Enter your username and press Next
- 3 Enter your password and press Login



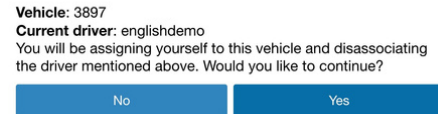
The screenshot illustrates the login process in two stages. On the left, the 'LOG IN' screen shows a 'Username' field with the text 'Username' inside. A blue button labeled 'Next' is below it. A hand cursor points to the 'Next' button, and a circled '1' is next to it. On the right, the 'Password' field contains the text 'Password'. Below it, the text 'via attrix\_tech' is visible. A blue button labeled 'Log in' is to the right of the password field, with a hand cursor pointing to it and a circled '3' next to it. A blue button labeled 'Cancel' is to the left of the 'Log in' button. A circled '2' is next to the password field. A speech bubble points to the password field with the text 'Press to see the password you entered'.

# Select your vehicle

- 1 Select your vehicle in the list
- 2 Wait for the data to be sync



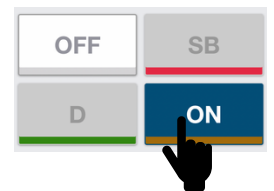
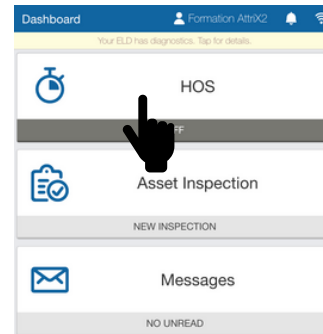
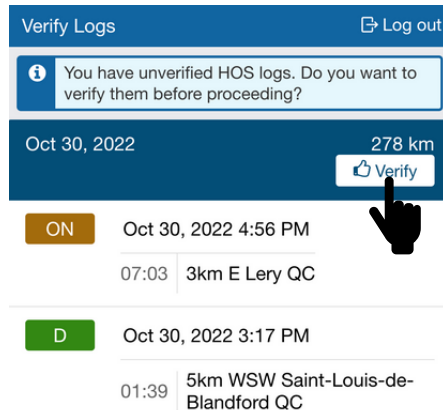
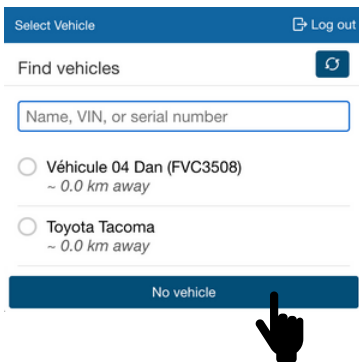
## Confirmation Required



A confirmation prompt indicates that a driver is currently connected to the selected vehicle. Confirm that you have the correct vehicle and press Yes.

# Work outside the vehicle

- 1 Select No vehicle
- 2 Certify your logs
- 3 From the dashboard, select HOS
- 4 Manually change the status to "On Duty"
- 5 \*\* Note that it will be possible to connect to a vehicle later on in the assets tab



All hours worked must be recorded in the Hours of Service (log)

# Connecting to assets

## Associate your trailer

- 1 Press the blue plus and search for your trailer
- 2 Enter the unit or plate number in the search field
- 3 If more than one trailer, select all units before pressing "Continue"

The first screenshot shows the 'Assets' screen with a 'Vehicle' section containing '3897' and a 'Trailers' section with a blue plus icon. A hand icon points to the plus icon with a '1' in a blue circle. The second screenshot shows the 'Select Trailers' screen with a search field containing '1201(AttriX) R21531Q' and a list of search results. A hand icon points to the search field with a '2' in a blue circle. The third screenshot shows the 'Select Trailers' screen with a list of trailers, including '1201(AttriX) R21531Q' and '1234 - R98765'. A hand icon points to the 'X' icon next to '1201(AttriX) R21531Q' with a '3' in a blue circle. A callout box says 'Press the X to remove a trailer'.

## Create a new trailer

- 1 Press the blue plus to search for your trailer
- 2 Enter the unit number and plate in the title and press Add

The screenshot shows the 'Find trailers' section with a search field containing '3210 - R124906L'. Below the search field, it says 'Could not find any trailers matching your search terms.' Below that, it says 'If your trailer is not listed, you can add it.' and there is a 'New trailer comment (optional)' field. A hand icon points to the 'Add' button.

## Associate shipment numbers

- 1 Press the blue plus to add a shipment
- 2 Enter the shipment information and press add
- 3 Save and continue

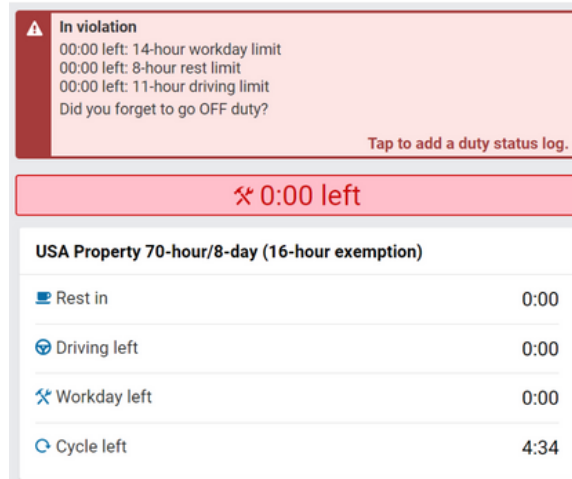


Shipping numbers are mandatory in the United States

The first screenshot shows the 'Assets' screen with a 'Vehicle' section containing '3897', a 'Trailers' section containing '1201(AttriX) R21531Q', and a 'Shipments' section with a blue plus icon. A hand icon points to the plus icon with a '1' in a blue circle. The second screenshot shows the 'Add shipment log' form with fields for 'Shipper name', 'Commodity', and 'Shipment document number'. A hand icon points to the 'Add' button with a '2' in a blue circle. The third screenshot shows the 'Assets' screen with the 'Shipments' section containing 'Example training 12345678' and a blue plus icon. A hand icon points to the 'Save and continue' button with a '3' in a blue circle.

# Availability notice

Following the association with the assets, during a risk or violation, a notice of availability will indicate the remaining hours. If you press continue, you will be able to consult your logs in the HOS section following your asset inspection.



In the event of a violation, it is possible to press in the the red box to add a a rest status.

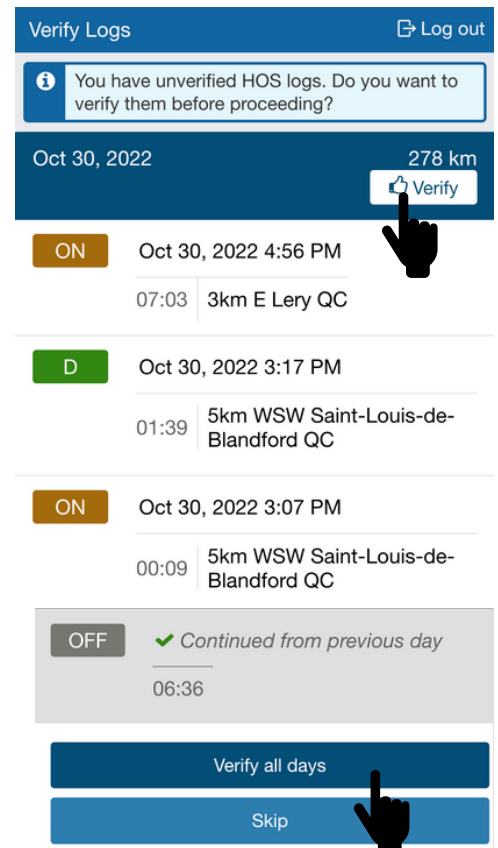
# Verification of your logs (signature)

Verifying your logs is the equivalent of signing your paper logbook at the end of the day.

- 1 Log verification is required at every login and logout
- 2 Logs that have already been checked will be displayed in gray and followed by a check mark
- 3 Press Verify to certify your logs
- 4 If you have more than one day to check press on Verify all days at the bottom of the page
- 5 Accepting the certification of logs



A ticket could be issued for daily logs not checked daily

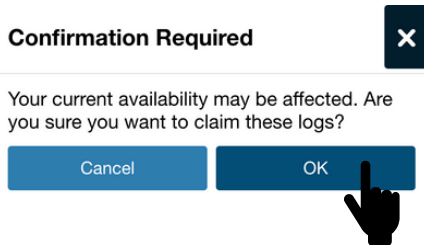


# Unassigned daily logs

The ELD records all trips made at more than 8 km/h without a driver being connected. The movements will be displayed in this section. Trips from the last 30 days will be visible until an action is taken by an administrator or a driver claims them.

## When the movements belong to you

- 1 Select the daily records to be assigned and press [Assign to me](#).
- 2 To confirm the assignment of the selected daily records, press Confirm.



3



You become responsible for these daily logs and your availability will be affected. Once movements have been assigned, it is no longer possible to remove them.

## When the movements don't belong to you

- 1 Press skip

Claim Unassigned Logs Log out

<input type="radio"/>	D	Oct 31, 2022 1:00 PM
	00:04	2km WNW Mont-Joli QC
<input checked="" type="radio"/>	ON	Oct 31, 2022 12:04 PM
	00:55	2km WNW Mont-Joli QC
<input checked="" type="radio"/>	D	Oct 31, 2022 12:01 PM
	00:03	4km WNW Mont-Joli QC

Assign to me

Not your logs?

Skip

Claim Unassigned Logs Log out

**i** The logs below are unassigned because the vehicle was moved without a driver logged in. If the records belong to your Duty Status Logs, assign them to yourself; otherwise, skip this page. D logs will automatically be paired with ON logs.

<input type="radio"/>	ON	Oct 31, 2022 1:05 PM
	01:04	4km WNW Mont-Joli QC
<input type="radio"/>	D	Oct 31, 2022 1:00 PM
	00:04	2km WNW Mont-Joli QC
<input type="radio"/>	ON	Oct 31, 2022 12:04 PM
	00:55	2km WNW Mont-Joli QC

Assign to me

Not your logs?

Skip

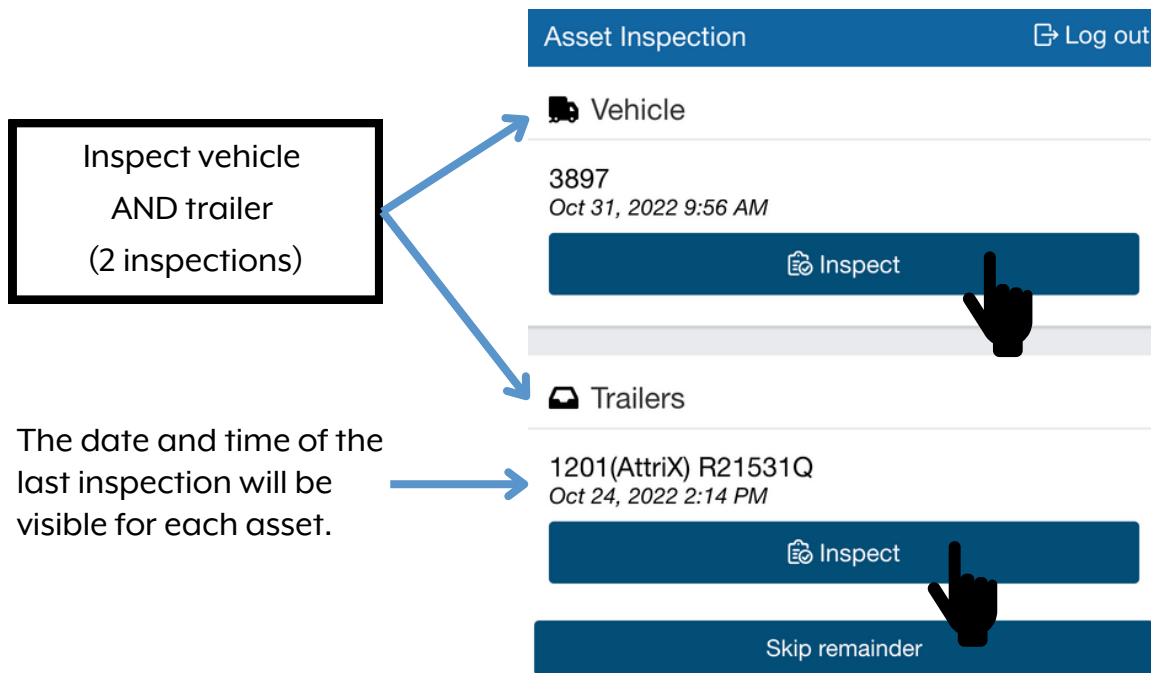
1



# Asset inspection

 **The recommended time is a minimum of 8 minutes per asset. Regulations require that every item on the list be inspected.**

- 1 Press Inspect or Certify previous inspection to start the inspection
- 2 The work shift starts at this time (automatic ON status)
- 3 Begin physical inspection of the asset
- 4 Report defects, if any
- 5 Complete your inspection
- 6 Repeat the same procedures for the trailer

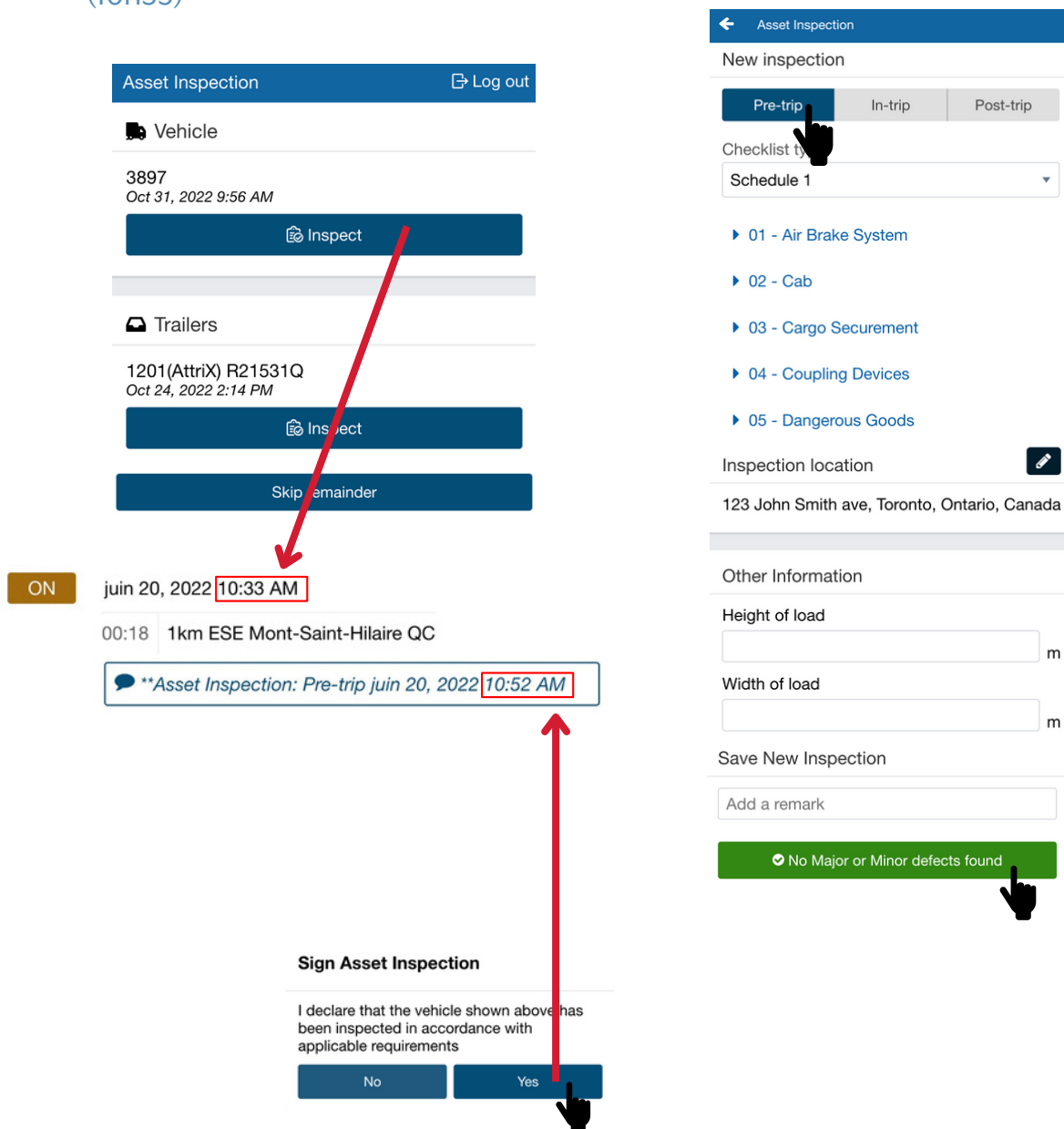


The screenshot shows the 'Asset Inspection' interface. At the top, there is a blue header with 'Asset Inspection' and a 'Log out' button. Below the header, there are two sections: 'Vehicle' and 'Trailers'. The 'Vehicle' section shows a vehicle with ID '3897' and a last inspection date of 'Oct 31, 2022 9:56 AM'. Below this, there is a blue button labeled 'Inspect' with a hand icon pointing to it. The 'Trailers' section shows a trailer with ID '1201(AttriX) R21531Q' and a last inspection date of 'Oct 24, 2022 2:14 PM'. Below this, there are two blue buttons: 'Inspect' and 'Skip remainder', both with hand icons pointing to them. A text box on the left says 'Inspect vehicle AND trailer (2 inspections)' with arrows pointing to the 'Inspect' buttons in both sections. Another text box on the left says 'The date and time of the last inspection will be visible for each asset.' with an arrow pointing to the last inspection dates.

# Asset inspections

## Calculation of the duration of the inspection

Start of inspection: The inspection time starts when the driver presses "Inspect" and the inspection sheet is visible on the screen. In the case of a defect the inspection time starts when the driver certifies the previous inspection. the inspection time starts when the driver certifies the previous inspection. (10h33) (10h33)



The screenshot displays the 'Asset Inspection' interface. On the left, a list of vehicles and trailers is shown. A red arrow points from the 'Inspect' button for vehicle 3897 to the start time '10:33 AM' in the 'ON' status bar. Another red arrow points from the 'Sign Asset Inspection' section, specifically the 'Yes' button, to the end time '10:52 AM' in the status bar. The status bar also shows a duration of '00:18' and a location '1km ESE Mont-Saint-Hilaire QC'. A message box below the status bar reads: '\*\*Asset Inspection: Pre-trip juin 20, 2022 10:52 AM'. On the right, a 'New inspection' form is visible, showing the 'Pre-trip' checklist type selected, a list of inspection items (01-05), the location '123 John Smith ave, Toronto, Ontario, Canada', and a 'Save New Inspection' section with a green button labeled 'No Major or Minor defects found'.

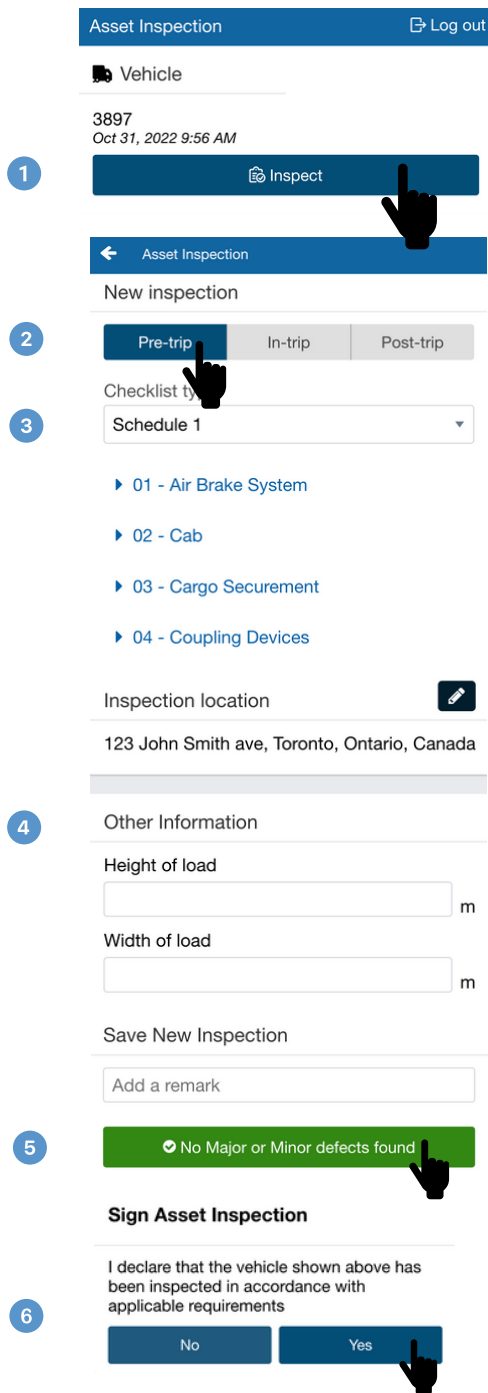
Inspection End Time: Indicates the time at which the driver claims to have inspected the asset in a compliant manner (10:52)

**Inspection duration: 18 minutes**

# Asset inspection

- 1 Start the new vehicle or trailer inspection by pressing Inspect
- 2 Selecting the type of inspection (Pre-trip, During trip, After arrival)
- 3 Select the correct failure list
- 4 Fill in the other information section and add a note, if applicable
- 5 Press on no major or minor defects detected
- 6 Complete the inspection

## Vehicle inspection



## Trailer inspection



# Declare a defect

- 1 Select the correct checklist
- 2 Select the component of the defect
- 3 Press Add Defect
- 4 Add a remark, if applicable
- 5 Add a picture, if applicable
- 6 Complete the other information section and add a remark, if applicable
- 7 Press on Done
- 8 Declare the inspection completed

New inspection

Pre-trip In-trip Post-trip

Checklist type  
Schedule 1 (trailers)

01 - Air Brake System

03 - Cargo Securement

04 - Coupling Devices

05 - Dangerous Goods

21 - Tires

Damaged tread or sidewall of tire [Add Defect](#)

Flat tire **MAJOR** [Add Defect](#)

Tire has exposed cords in the tread or outer sidewall area **MAJOR** [Add Defect](#)

Tire is in contact with another tire or any vehicle component other than mud-flap **MAJOR** [Add Defect](#)

21 - Tires 1 defect

Damaged tread or sidewall of tire [Add Defect](#)

Flat tire **MAJOR** [Remove](#)

Add a remark

6 Other Information

Hubometer  km

Height of load  m

Width of load  m

Save New Inspection



Add a remark


7 [Done](#)

Sign Asset Inspection

I declare that the trailer shown above has been inspected in accordance with applicable requirements

8 [No](#) [Yes](#)

 <b>HOS</b> ON	 <b>Asset Inspection</b> <span style="background-color: red; color: white; padding: 2px;">1 LOG NEEDS REPAIR</span>
--	--

 The asset inspection icon becomes a key and indicates that a log has defects.

# Inspection with minor defect not repaired

- 1 Press on Repair and inspect
- 2 Select Repaired or Repair not necessary (...)
- 3 In the remark field, add the information about the repair
- 4 Press Save

With authorization to indicate that the repairs are completed

Trailers

1201(AttriX) R21531Q  
Oct 31, 2022 2:48 PM Unresolved defects

1 **Repair and inspect**

Unresolved defects

18 - Lamps and Reflectors 1 defect

Required lamp does not function as intended

Training

2  Not repaired

Repaired or not a defect

Repair not necessary for the safe operation of the vehicle

Add a remark

No changes

Unresolved defects

18 - Lamps and Reflectors 1 defect

Required lamp does not function as intended

Training

3  Not repaired

Repaired or not a defect

Repair not necessary for the safe operation of the vehicle

3 Repair planned with garage

4 **Save**

Without authorization to indicate that the repairs are completed

Trailers

1201(AttriX) R21531Q  
Oct 31, 2022 2:53 PM Unresolved defects

1 **Inspect**

Unresolved defects

21 - Tires 1 defect

Damaged tread or sidewall of tire

2  Not repaired

Repair not necessary for the safe operation of the vehicle

Add a remark

No changes

Contact your administrator because only your administrator can report the defect as repaired.

The defect will automatically be added to your new inspection.

# Inspection with **major defect** not repaired

- 1 Select Repair or View
- 2 Select Repaired
- 3 In the remark field, add information about the repair
- 4 Press Save
- 5 Press Safe to use

With authorization to indicate that the repairs are completed

Trailers

1201(AttriX) R21531Q  
Oct 31, 2022 2:42 PM Unresolved defects

1 Repair

**Warning:** Before you certify the Asset Inspection or perform new inspections, resolve all regulated defects. Please contact your Administrator for more information.

Unresolved defects

2 11 - Frame and Cargo Body 1 defect

Visibly shifted, cracked, collapsing or sagging frame member(s) **MAJOR**

Not repaired  
 Repaired or not a defect  
 Repair not necessary for the safe operation of the vehicle

Add a remark

No changes

Unresolved defects

3 11 - Frame and Cargo Body 1 defect

Visibly shifted, cracked, collapsing or sagging frame member(s) **MAJOR**

Not repaired  
 Repaired or not a defect  
 Repair not necessary for the safe operation of the vehicle

4 Repaired by the garage PO 1234

5 Save

Without authorization to indicate that the repairs are completed

Trailers

1201(AttriX) R21531Q  
Oct 31, 2022 2:56 PM Unresolved defects

1 View

**Warning:** Before you certify the Asset Inspection or perform new inspections, resolve all regulated defects. Please contact your Administrator for more information.

You will only be able to display the defect.

Unresolved defects

1 21 - Tires 1 defect

Flat tire **MAJOR**

Training










You are not permitted to mark Asset Inspection logs as repaired.

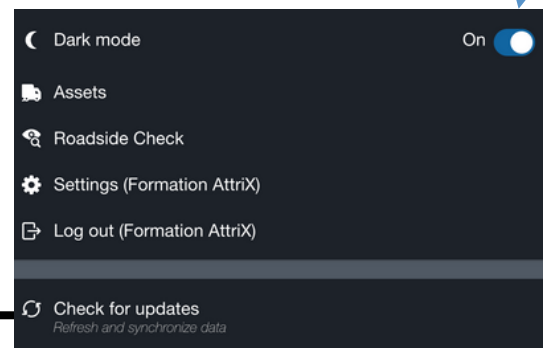
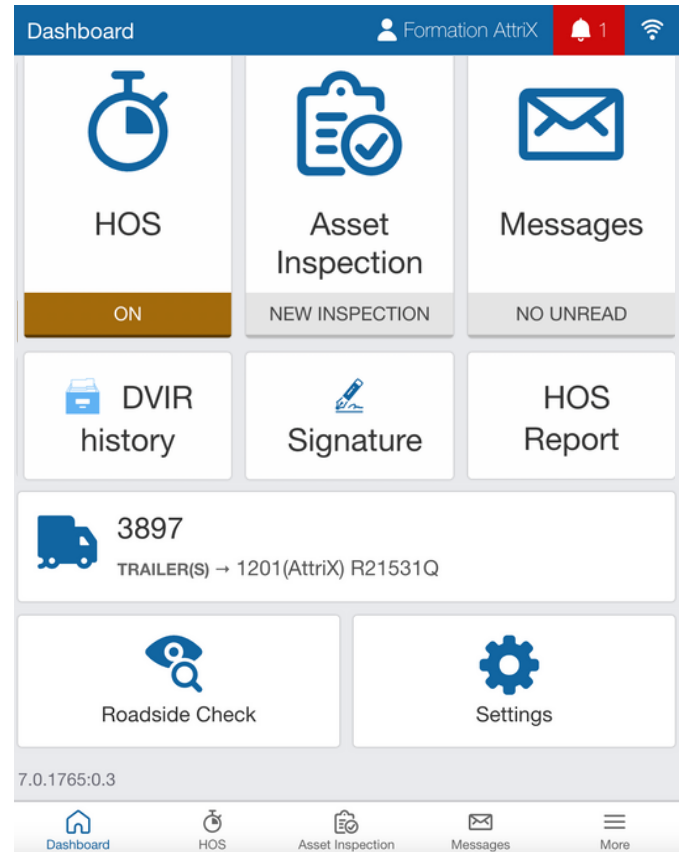
No changes

Contact your administrator because only your administrator can report the defect as repaired.

**It's not permitted to drive around with an asset that has a major unrepaired defect.**

# Dashboard

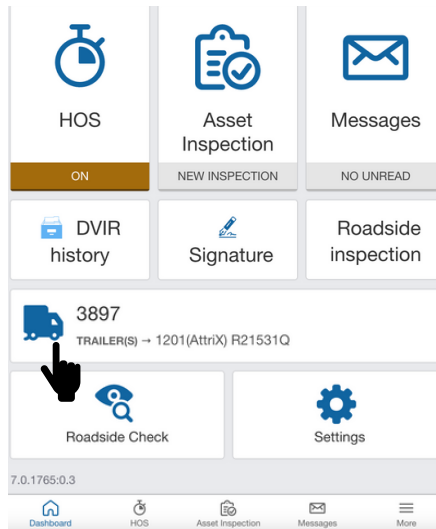
-  HOS: Hours of Service, Availability, Violations, Graph, Logs
-  Asset inspection: Vehicle and trailer inspection
-  Messages: Receiving messages from the administrator
-  Signature: Electronic signature
-  Assets: Vehicle management, trailers, shipment numbers
-  DVIR History: Inspection History
-  Roadside check: View or transfer daily logs and electronic inspections during a roadside inspection.
-  Settings: Confirm driver information driver's information
-  The dark mode allows you to replace the wallpaper with a dark background.



Check for updates ←

# Asset Management

From the dashboard, click on the Assets tab (truck icon)

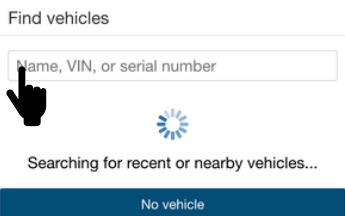


## Vehicle

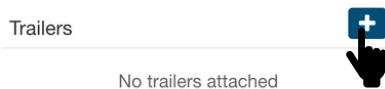
- 1 Disassociate the vehicle



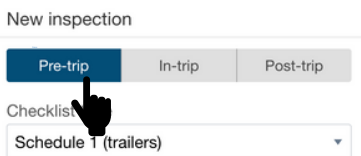
- 2 Associate a new vehicle



- 3 Add or remove trailers as needed

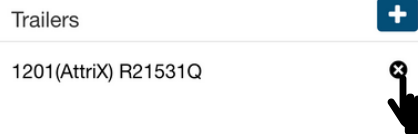


- 4 Perform a new inspection

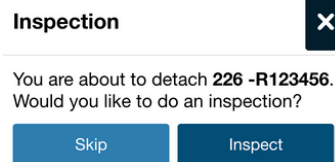


## Trailers

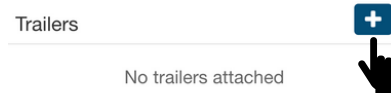
- 1 Dissociate the trailer



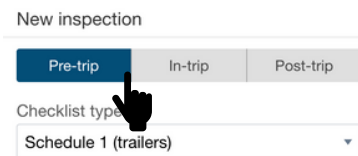
- 2 Perform or ignore the inspection post trip



- 3 Press the plus button to add a new trailer

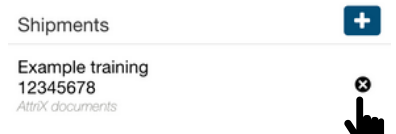


- 4 Perform a new inspection

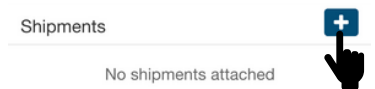


## Shipments

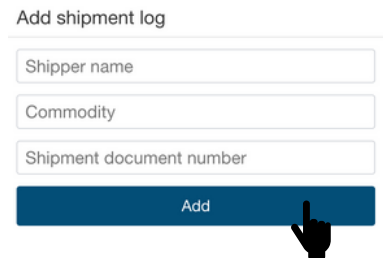
- 1 Dissociate the shipment



- 2 Associate a new expedition



- 3 Enter the shipment information



**A** Shipping numbers are mandatory in the United States. Up to 25 shipping numbers can be added at a time



# Hours of Service - Status

Real-time availability display

HOS ON

Asset Inspection NEW INSPECTION

Messages NO UNREAD

HOS Formation AttriX

Status Logs

⌘ 8h 7m left

OFF SB

D ON

Canada South of 60 7-Day Cycle 1



← Ruleset change

Start of day: 12:00 AM

Rest duration	7h 13m
Driving left	8h 7m
Duty left	13h 21m
Workday left	8h 7m
Cycle left	65h 39m
Time left until 24-hour rest	12 days
Rest required	✓
Off-duty required	✓

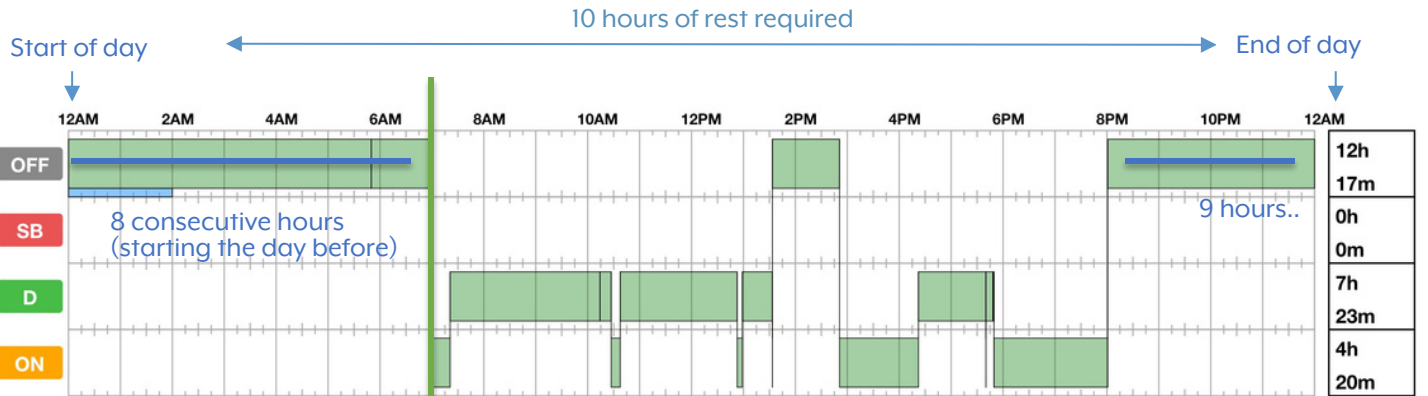
Availability in real time

View cycle recap View exemptions

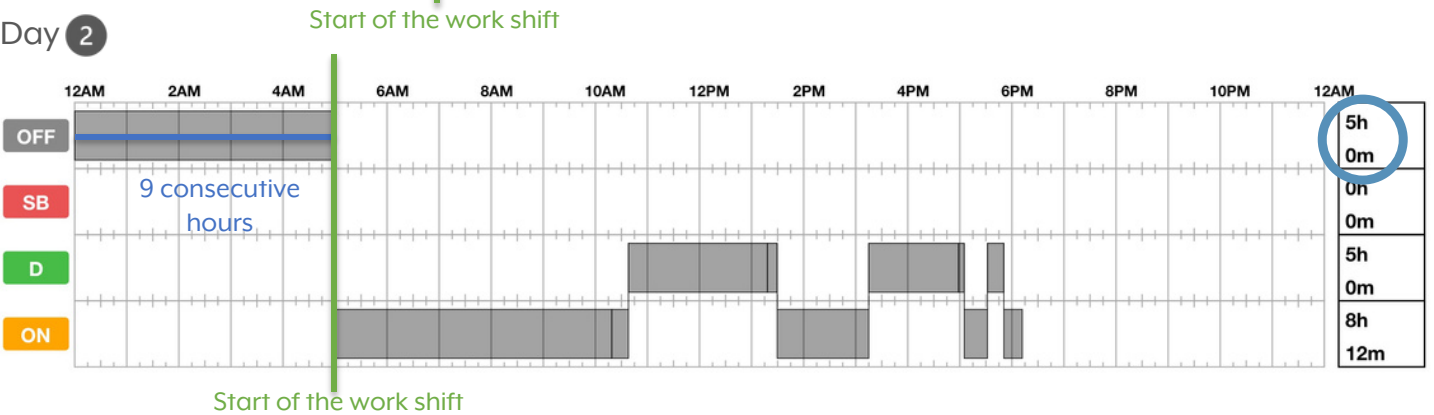
Dashboard HOS Asset Inspection Messages More

# Rest required

Day 1



Day 2



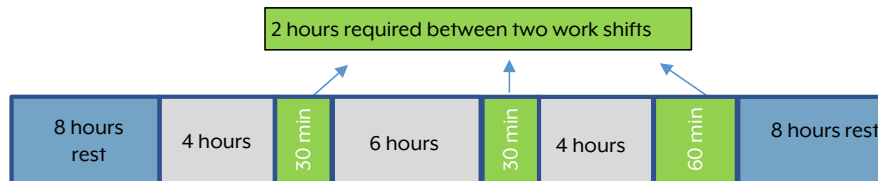
Breaks must be of at least 30 minutes duration to count towards the daily rest hours

Canada South of 60 7-Day Cycle 1

Start of day: 12:00 AM	
Driving left	0:48
Duty left	0:48
Workday left	2:48
Cycle left	31:14
Time left until 24-hour rest	13 days
Rest required	1:01
Off-duty required	5:00

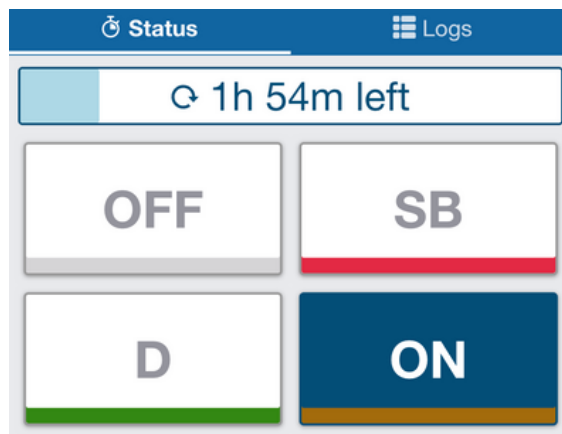
Rest required : 2 hours of rest divided into breaks lasting at least 30 minutes between two work shifts. In the example, the consecutive rest between day 1 and day 2 is 9 hours. 1 hour is combined with the 8 consecutive hours to start the shift. This means that 1 hour of rest is missing before the end of the shift.

Off-duty required : Daily 10 hours of rest required. Total rest during day 2: 5 hours  
Calculation: 10h - 5h = 5 hours required \* by the end of the day (midnight)



# Status Management

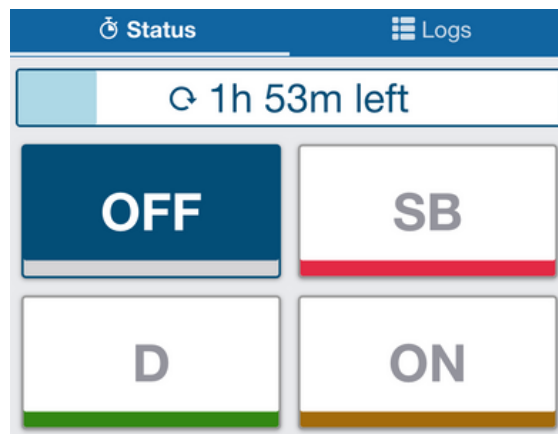
## Automatic status



**Status D:** Automatic status as soon as the speed reaches 8 km/h.

**Status ON:** Automatic On Duty status after a complete stop of 5 minutes. The status will be retroactive to the second the vehicle was stopped.

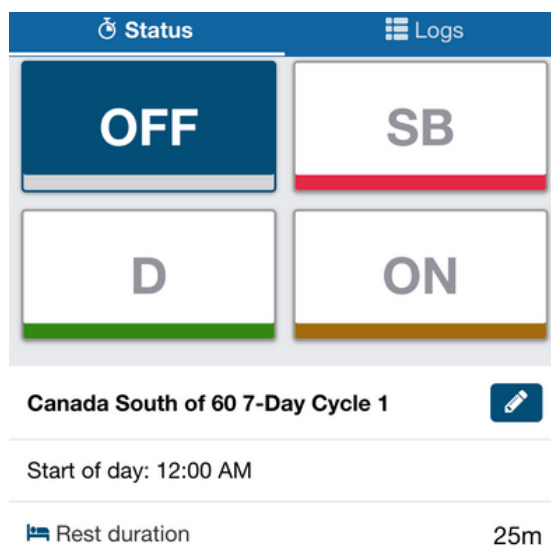
## Manual status



**Status OFF:** Press OFF to begin the rest period.  
\*\* 30 minutes minimum \*\*.

**Status SB:** Press SB to start the period in the period in the sleeper (follow the regulations to complete the split sleeper periods). (follow regulations to complete sleeper berth splits).

**Status ON:** Press to start the work period.



After a rest period, press On to start the service period.

If the rest period was less than 30 minutes, a warning will be displayed.

### Break Interruption

You have rested the following time:

00 25 37  
HOURS MINUTES SECONDS

Minimum break time is 30 minutes.

Would you still like to change your status?

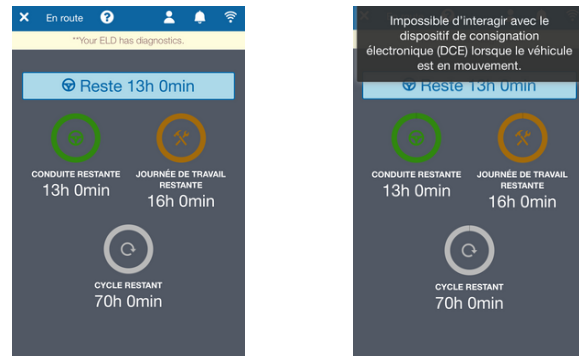
No: Continue the rest period (OFF)

Yes: Enable pause interruption (ON)

# Driving lock screen

In order to comply with Canadian regulations, the Geotab Drive application automatically locks when the vehicle is in motion. Once the vehicle is stopped for a period of 5 minutes, the lock screen will be erased and you will have access to your dashboard and the application.

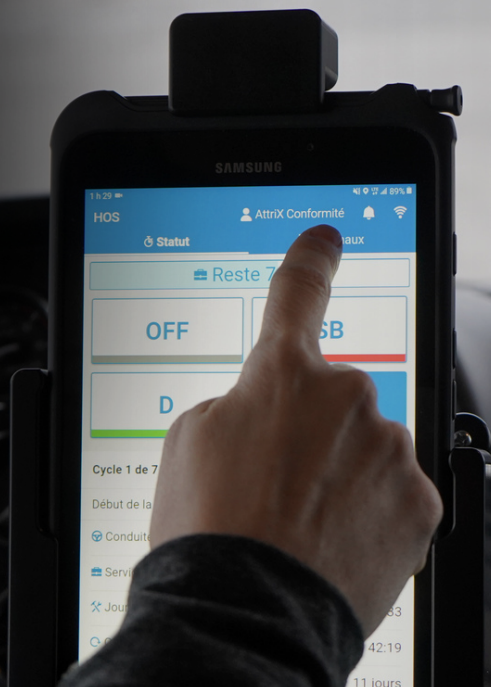
Visual indicators will display the number of hours remaining while driving. In the event of an attempt to interact with the display, a message will be visible indicating, as stated in the law, that it is impossible to interact with the ELD while the vehicle is in motion.



**!** Note that this screen does not appear if the device is open in another application. In order to see the number of hours left, it is important not to leave the Geotab Drive application

## Driver terminal installations

Mobile terminals must be installed in a fixed cradle when using an ELD. Failure to do so may be considered use of a cell phone or other hand-held device while driving as outlined in Section 443.1 of the Highway Safety Code.



**The "ELD" terminal must be in a fixed position"mounted"**


Article 77.1

[...] shall ensure that it is mounted in a fixed position during the operation of the commercial vehicle and is visible to the driver when the driver is in the normal driving position.



# Perform a ruleset change



- 1 Press HOS from the dashboard
- 2 Press the pencil 
- 3 Select the new ruleset. If the ruleset is not visible, press "Show All" to display all rulesets
- 4 An overview of availability of the new ruleset will be displayed.
- 5 Press on Change ruleset

4 **Availability preview**  By pressing the black X, the ruleset will not be changed.

**New ruleset:** USA Property 60-hour/7-day with split sleeper


Zone: Canada South of 60 → United States

Rest duration	0m
Rest in	8h 0m
Driving left	10h 58m
Workday left	12h 6m
Cycle left	31h 38m

 Use the overview of available hours before making a ruleset change in order to properly plan the remaining hours

5  Confirm the change to the ruleset.


Select the start time of the day following a reset.

 **ATTENTION:** the start time of the day is not the same as the start time of the work shift. 00:00 is the most common time (midnight to midnight)

**Choose start of day** 


 Your availability cycle has been reset. You can select a new start of day.

Time  :




OR

**Start of day** 

 You cannot change the start of day for this ruleset until you complete a cycle reset.

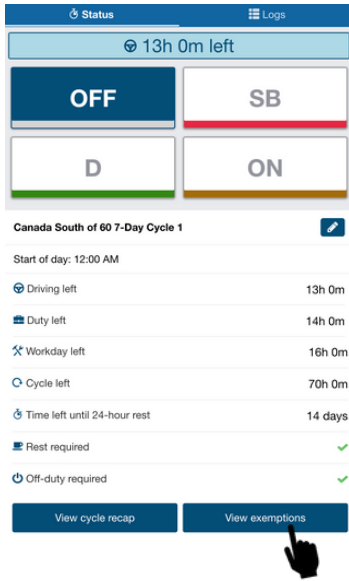
Time  :



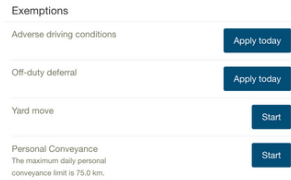
If you are in the middle of a cycle, press Done. 

# Hours of Service - Status (Exemptions)

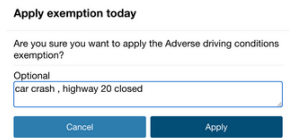
1. Press on view exemptions



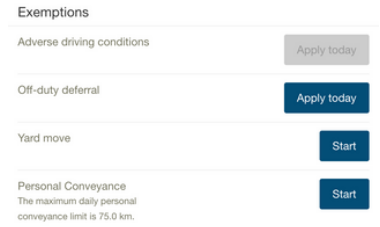
2. Select the exemption



3. Enter a remark



4. Stop the exemption once your done.



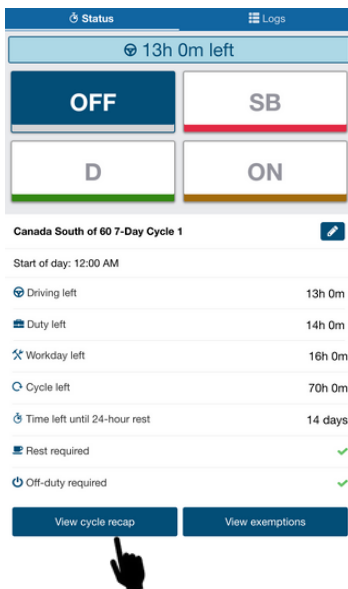
The Yard Move and Personal Conveyance exemptions must be configured by your Administrator. You can stop a Yard Move event by turning the ignition off and on during a power cycle. You can stop a Personal Conveyance event by confirming the event ended when the ELD prompt displays, also during a power cycle.

If a confirmation is not made and the vehicle is in motion, the ELD defaults to none.

# Hours of Service - Cycle recap

Press "view cycle recap" to view the

- Available cycle time tomorrow;
- Hours used within each day in the cycle; and
- Total hours used within the cycle.



## Cycle Recap

Cycle Available Tomorrow	56h 10m
Oct 26, 2022	4h 48m
Oct 27, 2022	1h 6m
Oct 28, 2022	18m
Oct 29, 2022	1h 3m
Oct 30, 2022	6h 11m
Oct 31, 2022	3h 16m
Today	1h 59m
<b>Total</b>	<b>18h 38m</b>

# Hours of services - Logs

Duty status is plotted along the graph for a 24-hour period for each day. The total time spent in a particular duty status is displayed to the right of the graph. The bars on the graph are color-coded for easy reference:

- Gray: Unverified logs
- Green: Verified logs
- Yellow: Edited logs
- Red: Driving in violation of HOS ruleset
- Striped: Personal Conveyance and/or Yard Moves
- Blue: Qualifying Break identifies logs that meet the break requirements for Canadian rulesets only.

30-day access

Select the date with the arrows or by pressing the date

Magnifying glass

Duration of status

Remark

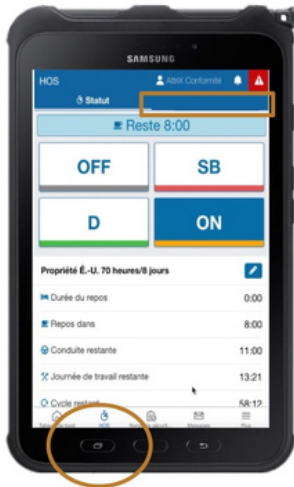
Locations

Status	Time	Location	Duration
OFF	Oct 19, 2022 5:14 PM	3km E Lery QC	06:45
<i>Generated for attempting to edit an automatic ON log</i>			
ON	Oct 19, 2022 5:14 PM	3km E Lery QC	00:00
D	Oct 19, 2022 5:05 PM	2km SW Lery QC	00:08
ON	Oct 19, 2022 4:57 PM	2km SW Lery QC	00:08

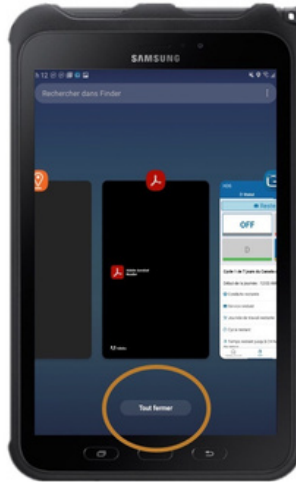
7.29 Geo-Location Description: A descriptive indicator of the CMV position in terms of a distance and direction to a recognizable location derived from a database that contains all locations (cities, towns, villages, municipalities, etc.) listed in the latest Canadian Geo-Location database available on the CCMTA website and referenced in provision 6 of this Standard.

[https://ccmta.ca/web/default/files/PDF/ELD/FINAL\\_ELD\\_TECHNICAL\\_STANDARD\\_V1.2\\_ENGLISH\\_10-27-2020.pdf](https://ccmta.ca/web/default/files/PDF/ELD/FINAL_ELD_TECHNICAL_STANDARD_V1.2_ENGLISH_10-27-2020.pdf)

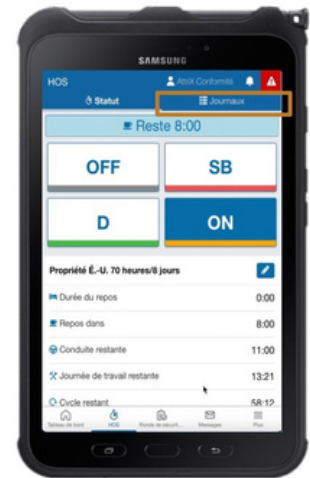
## Missing "log" tab



Press the recent application key (left in the example)



Close all applications

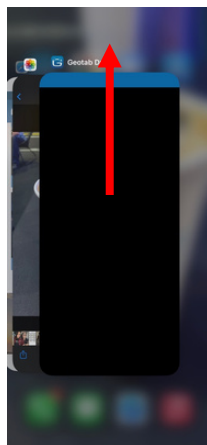


Open the Geotab Drive application

## Missing log tab on another terminal

IOS (Apple)

1. Slide up and to the left to display the running applications.
2. Close all applications.
3. Re-open the Geotab Drive application



Android

1. Press the button to switch windows
2. Close all applications.
3. Open the Geotab Drive application again



\*Varies according to model

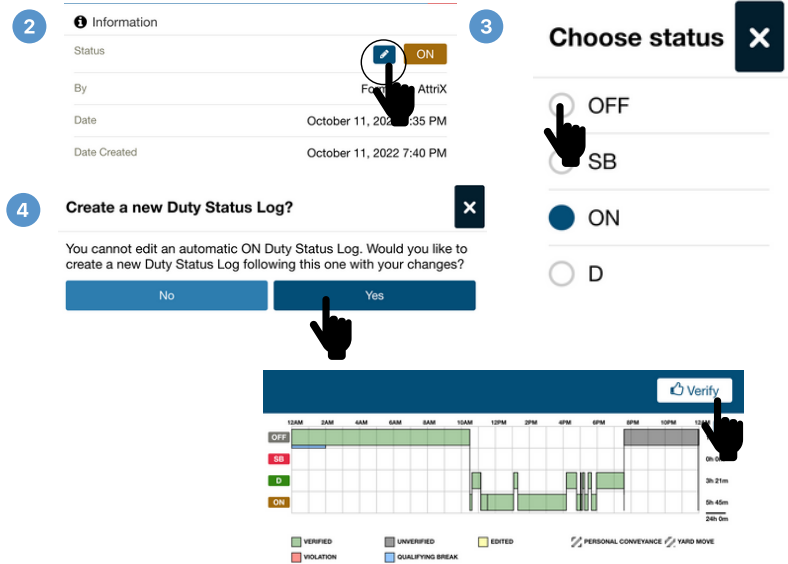
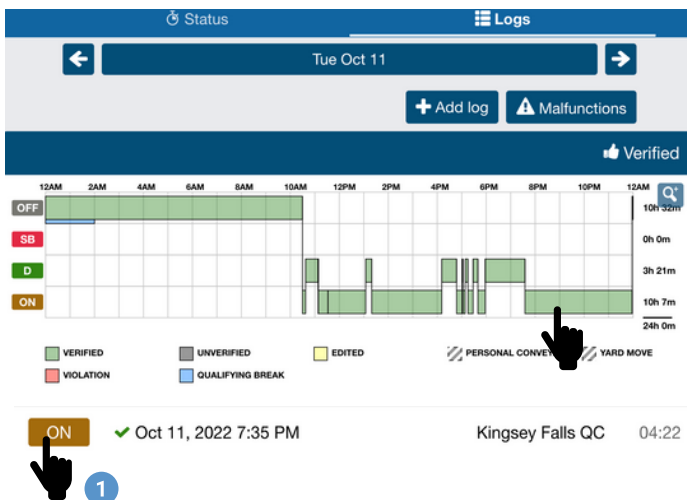


# Log tab

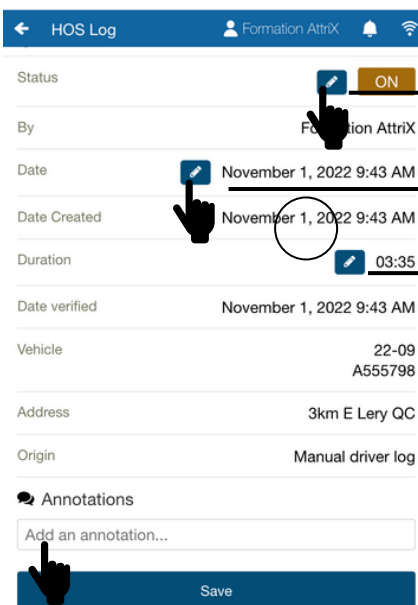
## Edit a status

- 1 Select the status to edit (in the graph or in the list)
- 2 Press the pencil to edit
- 3 Choose the new status, time or duration
- 4 Add an annotation or accept the creation of a new duty status log

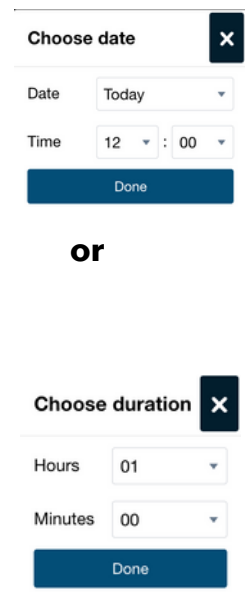
### Edit an automatic ON duty status



### Edit a manual duty status log



- Choose status
  - OFF
  - SB
  - ON
  - D
- Edit the status
- Edit date and/or time
- Edit duration
- Add an annotations
- Save changes

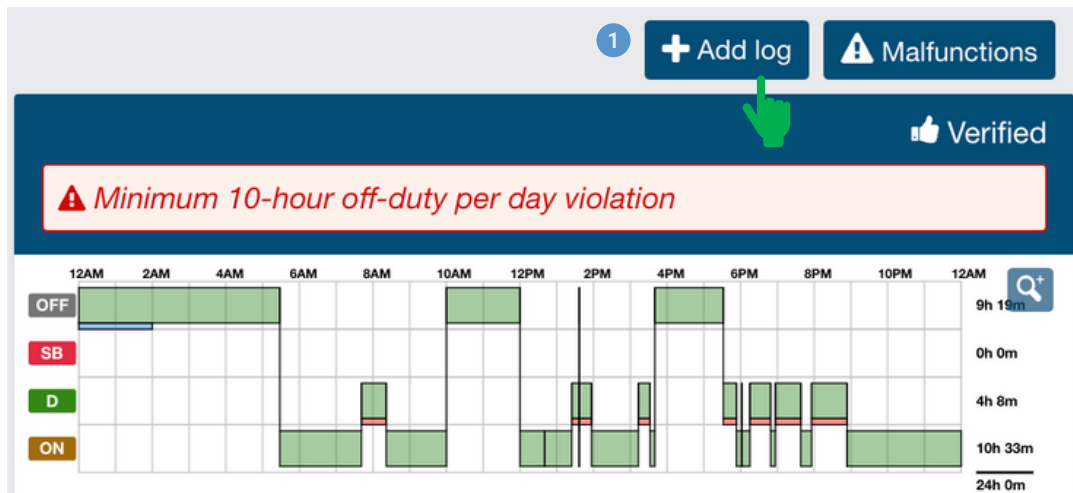


# Add a manual duty status log

You can add manual daily records for the last 14 days. For Canadian rule sets, you can add manual daily records for the last 28 days.

- 1 Press Add log
- 2 Select the status
- 3 Select the start time of the new status
- 4 Add an annotation
- 5 Add

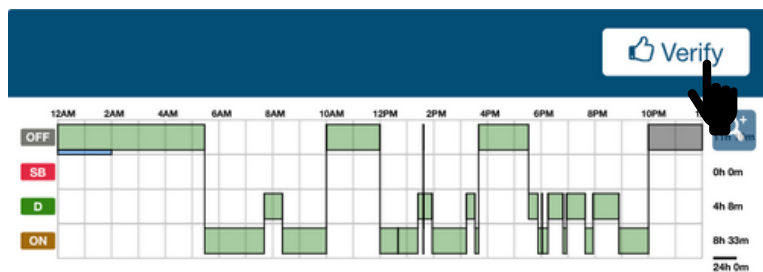
## Example: add a rest period at 22:00



This block shows four sequential screenshots of the 'Add log' process:

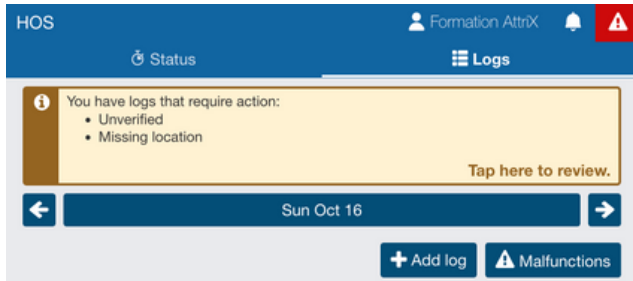
1. The 'Add log' screen with 'OFF' selected in the status dropdown.
2. The 'Choose status' dialog with 'OFF' selected.
3. The 'Choose date' dialog with 'Mon Oct 17' and '22:00' selected.
4. The 'Add log' screen with 'End of day' entered in the annotation field and the 'Add' button highlighted.

## Result

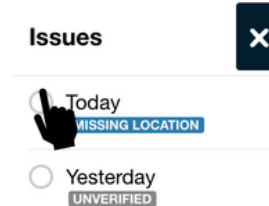


# Incomplete duty status logs

If a log requires special attention (verification, requested changes, missing location, etc.), a notification banner appears at the top of the page.

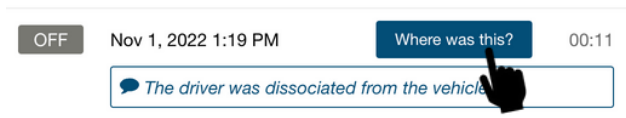


Press the banner to access the duty status log and make the necessary updates.



## Missing locations

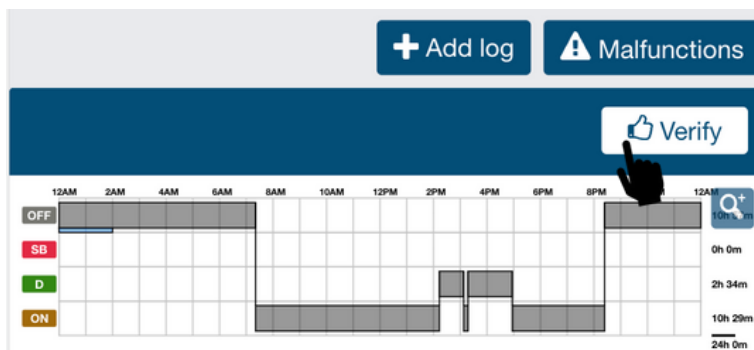
The telematics device installed in your vehicle captures location data. If the GPS signal from the device is not available, no address will be associated with the log created during that period. In this case, you must enter the location manually by pressing the Where was this? button.



Indicate city and province

## Unverified daily logs

**You must verify your logs every day to be compliant**



### Certify

I hereby certify that my data entries and my record of duty status for each listed 24-hour period are true and correct.



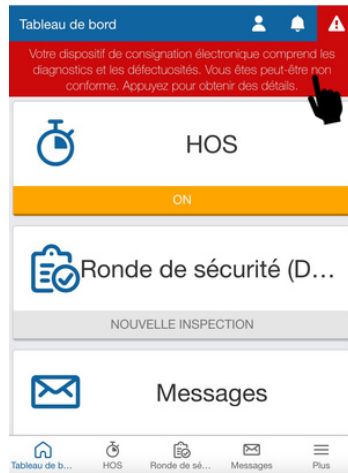
Certify your duty status logs

# Malfunctions

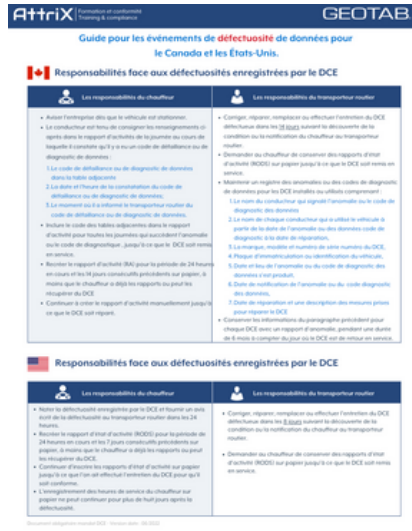
Malfunctions must be displayed in Geotab Drive in order to comply with the ELD mandate. If a banner (yellow or red) displays in Geotab Drive indicating that your electronic recording device (ELD) includes diagnostics or malfunction, you must take action. To read the notices of malfunctions, tap the banner. If the Clear button is available, press it to restore.

In order to fully understand the various of malfunctions, you need to read the guide. As a driver you have responsibilities.

1) Check the non-compliance button or press the red bar to see more details.



2) In the diagnostic guide, review the diagnostic code chart. When you have reviewed the diagnostic data, address the problem.



# Logging out

Complete your end-of-day tasks as described below.

- 1 Press your name or the man icon
- 2 Perform or skip post-trip inspection (**recommended time 8 minutes per asset**)
- 3 Remove trailer and shipment numbers; if required
- 4 Verify all duty status logs (signatures)
- 5 Update status
- 6 Wait for full logout (return to login screen)

**1** Dashboard

Formation AttriX

Logout

+ Add driver

**2** Asset Inspection

Vehicle

22-09  
Oct 28, 2022 1:23 PM

Previous report certified

Inspect

Trailers

1201(AttriX) R21531Q  
Oct 31, 2022 2:56 PM

Previous report certified

Inspect

**3** Assets

Trailers

1201(AttriX) R21531Q

Shipments

No shipments attached

Save and continue

**4** Verify Logs

Oct 31, 2022

28 km

Verify

OFF Oct 31, 2022 7:32 PM

04:27 5km WNW Mont-Joli QC

Generated for attempting to edit an automatic ON log

ON Oct 31, 2022 7:32 PM

00:00 5km WNW Mont-Joli QC

D Oct 31, 2022 7:20 PM

00:12 1km W Mont-Joli QC

ON Oct 31, 2022 6:13 PM

01:06 1km W Mont-Joli QC

**5** Update Status

You are currently in the 'OFF' status.  
Choose a new status before logging out.

OFF Off Duty

ON On Duty

Stay logged in

Verify and log out

**6** Log out

Logging out...

Cancel

LOG IN

Username

Username

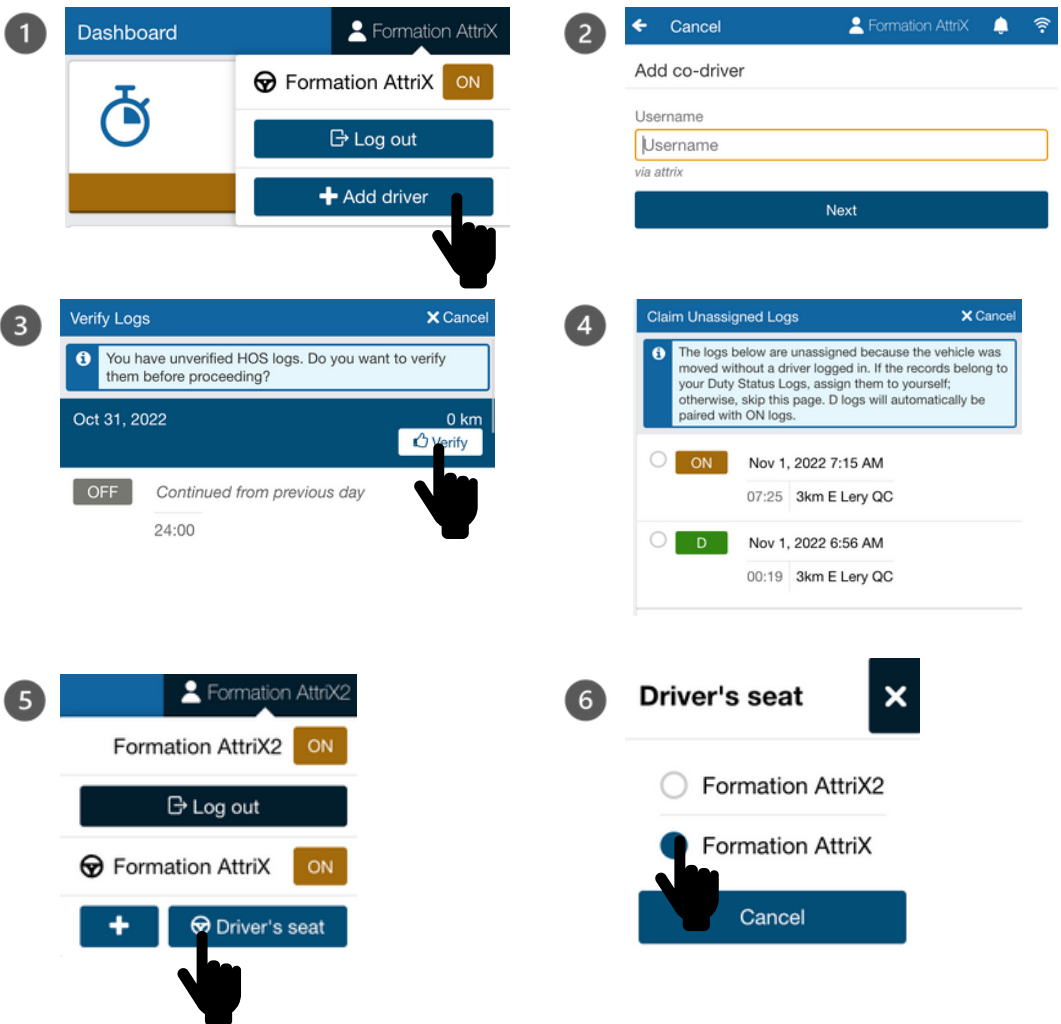
Next

# Adding a co-driver

You can add co-drivers to the Drive App by pressing your name in the top-right corner of the screen, then pressing the Add driver button.

The co-driver is prompted to enter their login credentials. You can add up to three drivers per vehicle. When the vehicle is in motion, the app does not allow a co-driver to switch the Driver's seat with the driver.

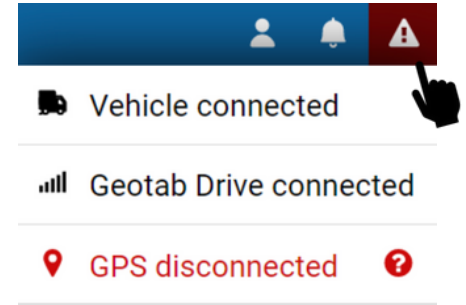
- After logging in, the names of all drivers display in the user list. When multiple drivers are logged in, the steering wheel icon indicates the active driver.
- Use the Driver's seat button to switch the active driver. The duty status changes automatically to D for the active driver.
- The co-driver must change their status manually through the App.
- The Driver's seat button is disabled for the active driver while in the D status.
- If the active driver logs out, the co-driver becomes the new active driver.



# Connection status

You can check your connectivity status by tapping the wireless icon in the upper right corner of the screen.

This will tell you if there is a problem, where it is.



## Vehicle disconnected

This message is displayed in red when the telematics device is not communicating with the server. This may be due to wireless network issues or telematics device power loss.

### Ways to solve:

- **Outside the cellular network: No action required**
- **Check Geotab modem connection (between ECM, harness and Geotab modem). Contact your administrator, the connection may be involved**

## Geotab Drive disconnected

This message is displayed in red when your portable device is not connected to the server. This situation occurs when the driver terminal network is unreliable or in Airplane mode.

### Ways to solve:

- **Off cellular network - No action required**
- **Connecting to the cellular network: Restart your terminal**

## GPS disconnected

This message is displayed in red when there is a disturbance in the GPS communication of the portable device. This may be caused by location, environment, or airplane mode. The Drive app uses GPS as an alternative for the lock screen.

### Ways to solve:

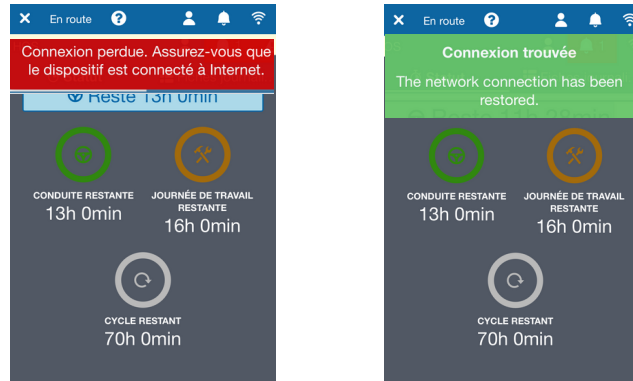
- **In a building or indoor parking: No action required**
- **Outside: Restart your terminal**

## Power disconnected

The driver may lose power to the device if their portable device is not charged. Lock screen sensitivity may not be as good if the device is not plugged in.

# Outside of the cellular network

In case of loss of cellular network, Geotab will display a message indicating that the connection is lost. During this period, all status changes are recorded in the cloud solution to preserve all data until the connection is found.



[It is the driver's responsibility to keep his daily logs up to date throughout the day.](#)

When the vehicle is stopped, the driver will be able to perform all status changes manually. If no stops are made within the off-grid area, no action is required.

When the connection is found, the data will be synchronized so that all detected automatic status changes (D and ON) will be added to the daily logs and will adjust the available service hours.

Note that double statuses will be visible in the daily records (manual statuses in addition to the automatic statuses).

## How does it all work together?

Every element of the cloud-based ELD solution does its part to ensure a reliable, accurate and stable data flow. As the vehicle drives, the system follows a cyclical process:

The Geotab GO device sends engine data and location data to MyGeotab.

- MyGeotab creates automatic service status records.
- The Drive application sends manual service status changes to MyGeotab.
- MyGeotab combines data from the Drive app and the GO device to create an accurate service status record.





# Canadian Hours of Service



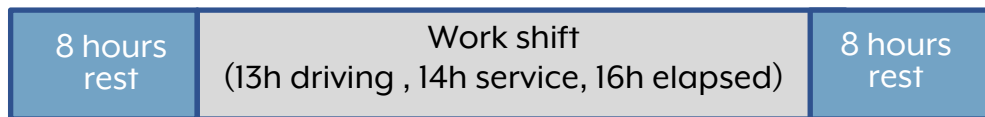
## Canada South of 60 7-Day Cycle 1

(QC, ON, MB, SK, AB, CB, IPE, NB, NE)

Canadian hours of service are calculated on two conditions. The workday and the workshift.

**Day / Workday (daily requirement):** A period of 24 hours that begins at the hour designated by the operator and lasts for the duration of the driver's cycle. A driver must take at least 10 hours of off-duty time in a day. This time must include at least 2 hours of off-duty time that does not from part of the required period of 8 consecutive hours of off-duty time and can be split up into breaks of **not less than 30 minutes**.

**Work shift :** A work shift is the time between two periods of at least 8 consecutive hours of off-duty time. A new work shift begins after a period of at least 8 consecutive hours of off-duty time. The hours of off-duty time cannot be taken on board the heavy vehicle that is stopped, unless the driver spends them in the sleeper berth.



**Driving prohibition:** when, since the beginning of the work shift

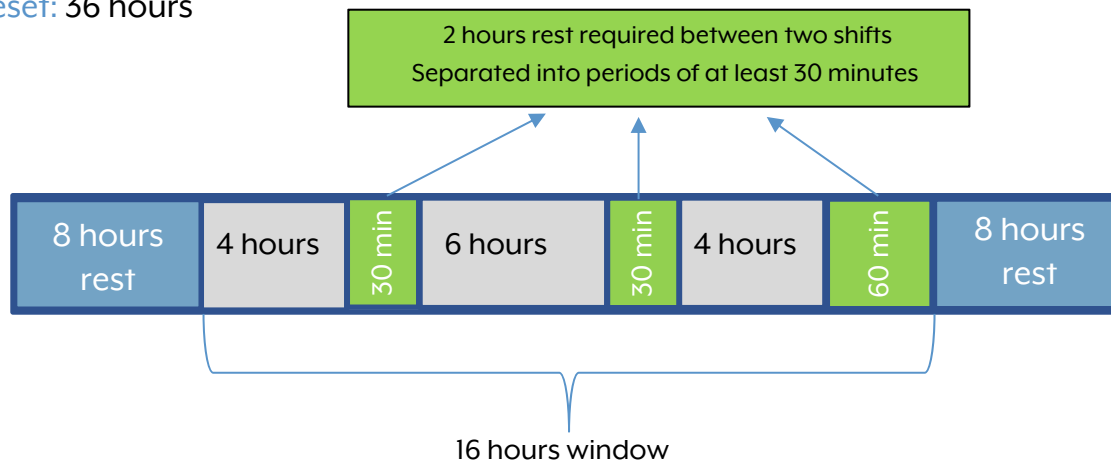
- 13 hours of driving are accumulated
- 14 hours of work have been accumulated
- 16 hours have elapsed.

**Mandatory rest:**

- 8 hours a row to start a new work shift
- 2 hours of rest divided into breaks lasting at least 30 minutes between two workshifts
- 24 hours per 14-day period.

**Cycle :** 70 hours per 7 days period

**Cycle reset:** 36 hours





# USA Hours of Services



## USA property 70 hours/8-day

**Work shift** : 24-hour period that begins after a 10-hour consecutive rest period.

**May not drive** : when, from the beginning of the work shift

- 14 hours of service are accumulated;
- 11 hours of driving are accumulated;
- if the 30-minute driving break within 8 hours of driving has not been completed.

**Mandatory rest** : Drivers must take a 30-minute break when they have driven for a period of 8 cumulative hours without at least a 30-minute interruption. The break may be satisfied by any non-driving period of 30 consecutive minutes (i.e., on-duty not driving, off-duty, sleeper berth, or any combination of these taken consecutively).

**Cycle** :70 hours per 8 days

**Cycle reset**: 34 hours

Maximum work shift 14 hours



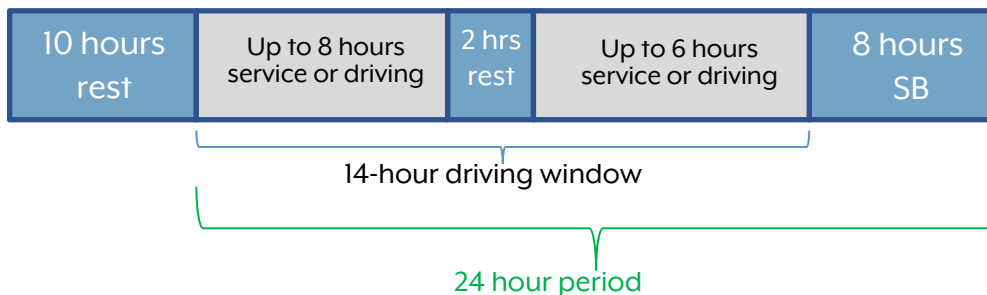
## USA Property 70-hour/8-day with split sleeper

Splitting permitted with the following conditions:

- One off-duty period (whether in or out of the sleeper berth) is at least 2 hours long, and
- The other involves at least 7 consecutive hours in the sleeper berth
- Both periods added together must equal at least 10 hours
- When paired, neither time period counts against the 14-hour driving window
- 8-hour sleeper-berth period by itself can no longer be excluded from the 14-hour driving window



When using the sleeper berth split, the order of eligible breaks does not affect the "at least 2 hours" break can fall before or after the sleeper berth duration of at least 7 hours.



# Exemptions

## Personal Conveyance (PC) = Statut OFF Duty

A driver can record periods when using a vehicle for authorized personal use. This may include the time traveling between a driver's home and terminal (or normal work reporting location), and traveling short distances (from terminals or motels) to restaurants. These periods of personal use may be considered off-duty time.

### Canada

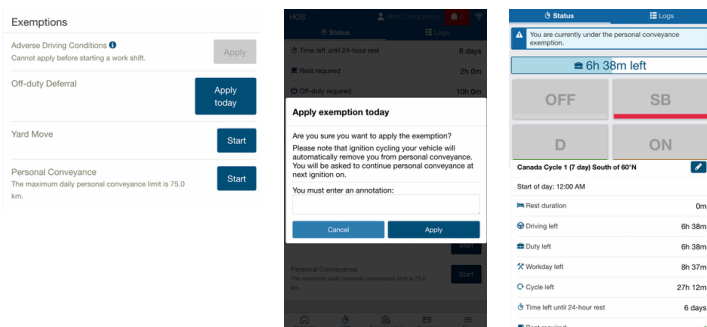
- Maximum of 75 km per day
- The vehicle has been unloaded and trailers have been unhitched (bobtail)

### USA

- Based on the nature of the movement
- Make a move at the request of a DOT
- See the various examples allowed and not allowed on the FMSCA website

### \*\*Important\*\*

- Deactivate when the vehicle's engine is turned off
- Options proposed by the application when starting the engine after using the exemption



## Adverse driving conditions

Adverse driving conditions are adverse road or weather conditions that were not known to the driver or dispatcher before the driver began driving or could not reasonably have been known to them. Such unforeseen events must also be related to road, weather or traffic conditions.

### Canada

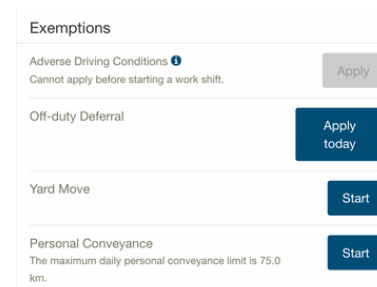
- Extend the hours of driving time and on-duty time permitted by 2 hours if:
- the driver has not taken 2 hours of off-duty time, in addition to 8 consecutive hours of off-duty time;
- the trip could have been completed under normal driving conditions.

### USA

Drivers are allowed to extend the 11-hour maximum driving limit and 14-hour driving window by up to 2 hours when adverse driving conditions are encountered.

### \*\*Important\*\*

It is not possible to apply the exemption when the 2 hours of rest have been completed



# Exemptions

## Yard move (YM)= On Duty

Move the vehicle without affecting driving time.

Driving time will be recorded as service time. A "yard", which may be a carrier's terminal, customer facility or repair shop, may be considered a yard if the facility has signs or barriers prohibiting public access.

It may be used for loading or unloading cargo at a terminal.

When applying the exemption, the application will ask to enter an annotation.

### Apply exemption today

Are you sure you want to apply the exemption?  
Your duty status will be set to ON for the duration of this exemption.

You must enter an annotation:

Cancel

Apply

When finished, press "Stop" to avoid non-compliance.

### Exemptions

Adverse Driving Conditions ⓘ	Apply
Off-duty Deferral	Apply today
Yard Move	Stop
Personal Conveyance The maximum daily personal conveyance limit is 75.0 km. Cannot start while in Yard Move.	Start

<b>YM</b>	Apr 17, 2023 2:43 PM
00:00	2km ENE Beloeil QC
<input type="text" value="AttriX Yard move example"/>	
<b>ON</b>	Apr 17, 2023 2:43 PM
00:00	2km ENE Beloeil QC
<input type="text" value="YM Enabled: AttriX Yard move example"/>	

## Off-duty Deferral

Despite sections 12 and 14, a driver who is not splitting off-duty time in accordance with section 18 or 19 may defer a maximum of 2 hours of the daily off-duty time to the following day if:

- the off-duty time deferred is not part of the mandatory 8 consecutive hours of off-duty time;
- the total off-duty time taken in the 2 days is at least 20 hours;
- the off-duty time deferred is added to the 8 consecutive hours of off-duty time taken in the second day;
- the total driving time in the 2 days does not exceed 26 hours; and
- there is a declaration in the record of duty status that states that the driver is deferring off-duty time under this section and that clearly indicates whether the driver is driving under day one or day two of that time

When applying the exemption, the application will ask for the number of hours you wish to defer.

### Exemptions

Adverse Driving Conditions ⓘ	Apply
Off-duty Deferral	Apply today
Yard Move	Start
Personal Conveyance The maximum daily personal conveyance limit is 75.0 km.	Start

### Off-duty deferral

How much off-duty time do you want to defer?

Hours

Minutes

Cancel

Submit

In the list of your duty status for the day, the system will indicate the number of hours deferred over and whether it is Day One or Day Two

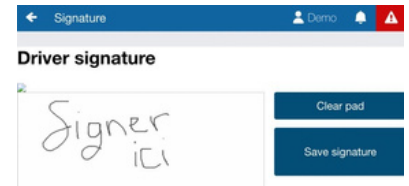
!	Apr 17, 2023 2:44 PM
2km ENE Beloeil QC	
<input type="text" value="Off-duty deferral exemption - Day one - 120 minutes deferred"/>	

# Add-ins

## Signature (mandatory)

This module allows you to create your electronic signature in order to apply it on the DVIR and HOS daily logs.

- Create the signature in the blank square
- Clear pad to start again
- Save signature to save
- Once saved, the signature will appear in duplicate.
- Simply quit using the arrow

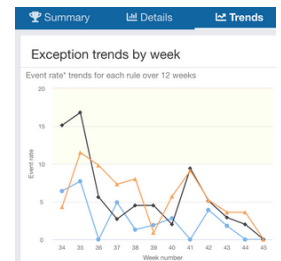
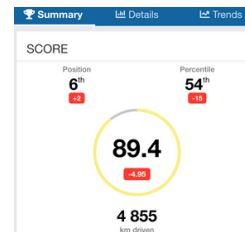


## Challenge

This module allows you to see the driver's ranking according to the company's rules.

Ranking summary  
Details of recent events

- Trends for the last 12 weeks



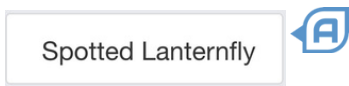
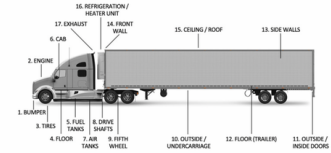
## Fuel Tracker

This module allows you to add the amount of fuel added to the vehicle. Works with IFTA reports.

# Add-ins (USA)



This add-in allows you to fill in the CTPAT reports for the companies regulated by this legislation.



This module allows the inspection reports for companies traveling to affected areas.

Spotted Lanternfly

**IMPORTANT: Before traveling from the quarantine area, check for spotted lanternfly egg masses, adults, and nymphs. Make sure your vehicle and all transported items are pest free.**

The current quarantine zone encompasses these counties: Allegheny, Beaver, Berks, Blair, Bucks, Cambria, Cameron, Carbon, Chester, Columbia, Cumberland, Dauphin, Delaware, Franklin, Huntingdon, Juniata, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Mifflin, Monroe, Montgomery, Montour, Northampton, Northumberland, Philadelphia, Schuylkill, Wayne, Westmoreland, Perry, Pike, York. Travel within or out of those counties requires a permit and vehicles must be inspected.

Information



Adult spotted lanternfly, present in autumn months.

New inspection

Create report

New inspection

**Travel information**

Time: September 26th, 2022 10:09 AM  
Driver: Formation-Attrix  
Vehicle: 52-09

Countries visited:

<input type="checkbox"/> Allegheny	<input type="checkbox"/> Beaver	<input type="checkbox"/> Berks
<input type="checkbox"/> Blair	<input type="checkbox"/> Bucks	<input type="checkbox"/> Cambria
<input type="checkbox"/> Cameron	<input type="checkbox"/> Carbon	<input type="checkbox"/> Chester
<input type="checkbox"/> Columbia	<input type="checkbox"/> Cumberland	<input type="checkbox"/> Dauphin
<input type="checkbox"/> Delaware	<input type="checkbox"/> Franklin	<input type="checkbox"/> Huntingdon
<input type="checkbox"/> Juniata	<input type="checkbox"/> Lackawanna	<input type="checkbox"/> Lancaster
<input type="checkbox"/> Lebanon	<input type="checkbox"/> Lehigh	<input type="checkbox"/> Luzerne
<input type="checkbox"/> Mifflin	<input type="checkbox"/> Monroe	<input type="checkbox"/> Montgomery
<input type="checkbox"/> Montour	<input type="checkbox"/> Northampton	<input type="checkbox"/> Northumberland
<input type="checkbox"/> Philadelphia	<input type="checkbox"/> Schuylkill	<input type="checkbox"/> Wayne
<input type="checkbox"/> Westmoreland	<input type="checkbox"/> Perry	<input type="checkbox"/> Pike
<input type="checkbox"/> York		

Others, please type

**Inspection**

Use the list below as a starting point to check for Spotted Lanternfly. Check any items that came up during the inspection.

<input type="checkbox"/> Vehicle Exterior	<input type="checkbox"/> Vehicle (interior)	<input type="checkbox"/> Truck Beds / Caps
<input type="checkbox"/> Wheel Wells	<input type="checkbox"/> Trailers	<input type="checkbox"/> Tool Boxes
<input type="checkbox"/> Dories	<input type="checkbox"/> Pallets	<input type="checkbox"/> Storage Bins
<input type="checkbox"/> Storage Cases		

Others, please type

Cancel Save



This module provides electronic access to the mandatory documents for the ELD mandate. **\*\*Geotab Documents.**

Support Information

Call End

In-Vehicle Document

The user's manual, instruction sheet, and malfunction instruction sheet can be in electronic form. This is in accordance with the federal register titled "Regulatory Guidance Concerning Electronic Signatures and Documents" (78 FR 41). Click for more information.

Data Transfer Guide

Use Document ELD Manual

Data Diagnostics & Malfunctions Guide

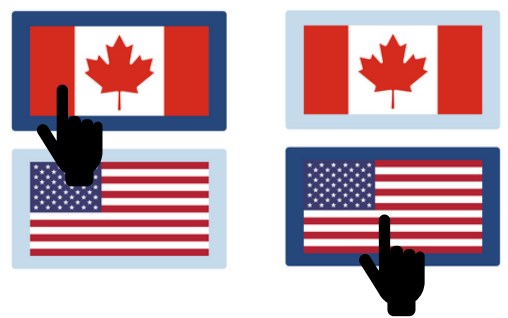
Use Document



This module allows you to switch between the Canadian and American ruleset

Border Crossings

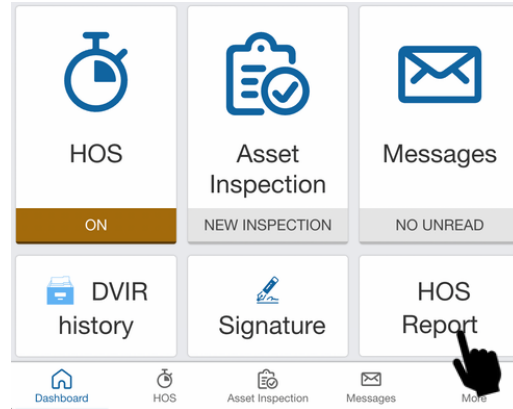
Border Crossings





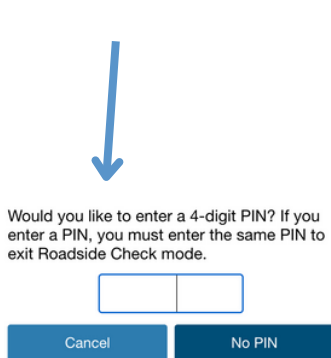
# HOS report

Since January 1, 2023, it is no longer possible to send daily logs to an address that is not recognized by Transport Canada using the Roadside Check tab. AttriX has therefore developed the HOS report add-on module, formerly called "Road control" to allow the last 14 days to be sent by email.



## Native Geotab Roadside check

Directs the driver to the Roadside check mode in order to send his files to an email address recognized by Transport Canada or to a US DOT



### HOS Report

Transfer to a DOT officer

Email Transfer

**Transfer to a DOT officer:** Transfer your HOS report to a DOT during a roadside inspection.

**Email Transfer:** Send your HOS report to a personal email address. Do not use this method during a roadside inspection.

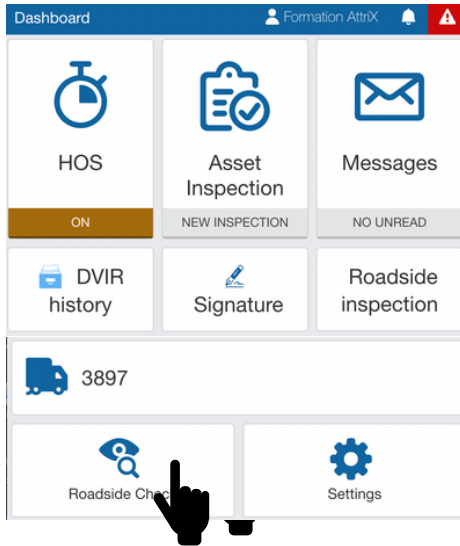
## Module developed by AttriX

Allows the driver to send his daily logs for the last 14 days to the email address of his choice. It is therefore possible to send its files to an administrator or to his **personal email** for tax and reference purposes.

# Canadian Roadside Check

## Transfer method - Duty status logs

**IMPORTANT:** This document must be kept in the commercial vehicle at all times and presented during a roadside inspection.



- From the dashboard, select Roadside Check
- Enter a PIN of YOUR CHOICE or press No PIN

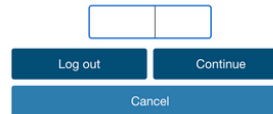
Would you like to enter a 4-digit PIN? If you enter a PIN, you must enter the same PIN to exit Roadside Check mode.



Please enter your 4-digit PIN again to confirm.

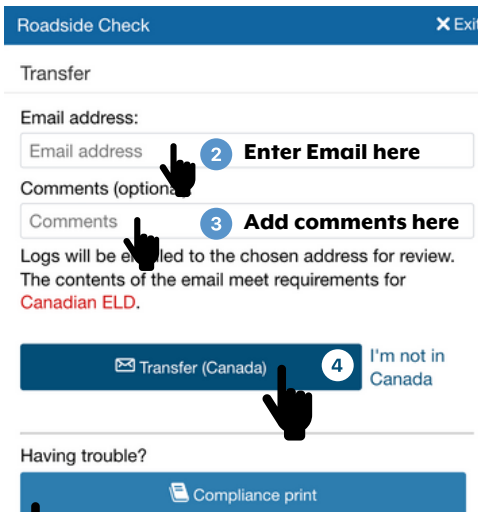


You are exiting Roadside Check mode. Please enter your PIN to continue. If you have forgotten your PIN, start driving or log out to exit Roadside Check mode.

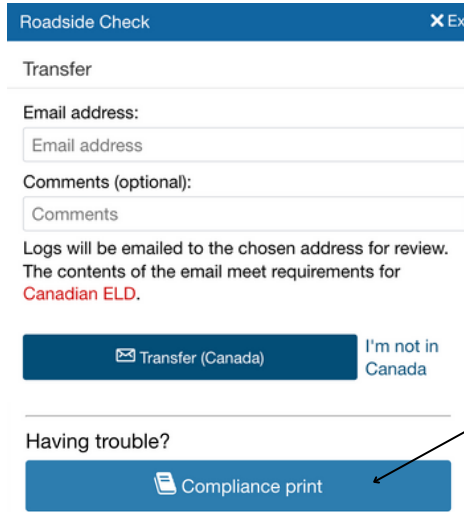


### Roadside check in Canada

- If the inspector is French speaking, press French
- Enter the inspector's email address
- Add comments (optional)
- Press Transfer (Canada)



**Display logs on screen**



**Having problems?  
Display the  
compliance print on  
screen**

**Delivered (Information)**  
The logs have been successfully sent to the officer to review.

Confirmation that the forms have been sent by email

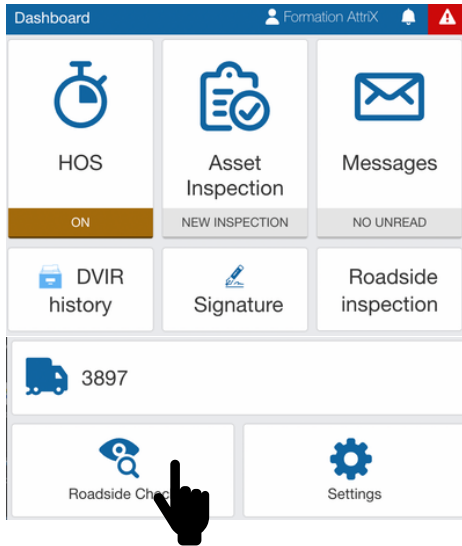




# Roadside check Data transfer guide - USA



**⚠ IMPORTANT:** This document must be kept in the commercial vehicle at all times and presented during a roadside inspection.



1 From the dashboard, select Roadside Check

2 Enter a PIN of YOUR CHOICE  
or  
press No PIN

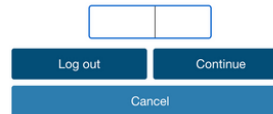
Would you like to enter a 4-digit PIN? If you enter a PIN, you must enter the same PIN to exit Roadside Check mode.



Please enter your 4-digit PIN again to confirm.

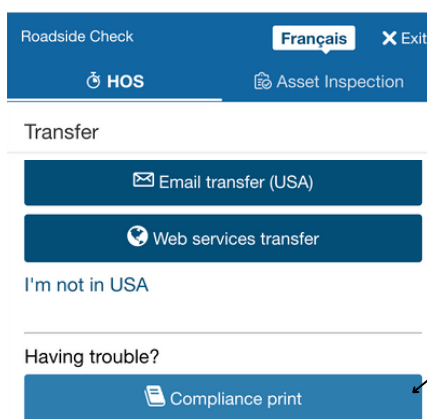
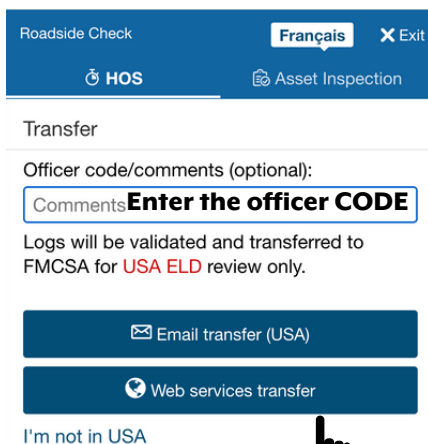


You are exiting Roadside Check mode. Please enter your PIN to continue. If you have forgotten your PIN, start driving or log out to exit Roadside Check mode.



## Roadside check in the United States

- 1 Enter the DOT PIN in the officer code/comments section
- 2 Press **WEB SERVICES TRANSFER**
- 3 Press Compliance print to display the activities on the screen



**Having problems?  
Display the  
compliance copy on  
screen**

**Delivered (Information)**  
The logs have been successfully sent to the officer to review.

Confirmation that the records have been sent to the ERODS system

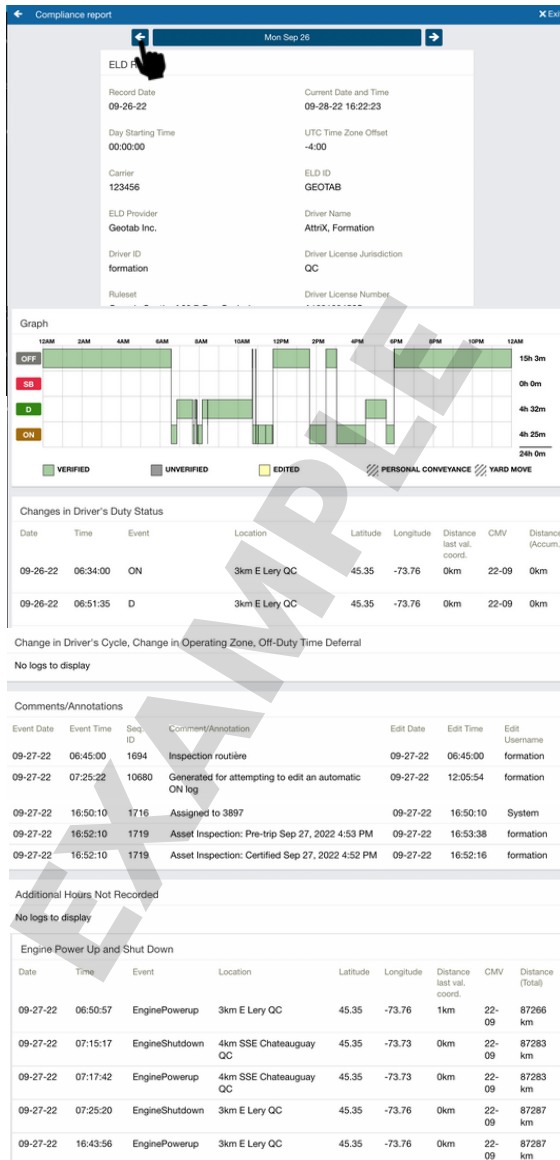
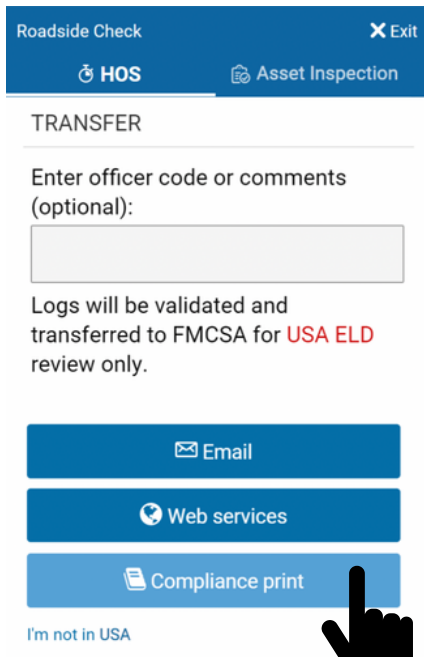
Important : This document must be kept in the Commercial Motor Vehicle (CMV) at all times, and made available during a roadsideinspection in accordance to §395.22 (h). The Drive App supports the telematics transfer, which electronically transfers data to an authorized safety officer on demand via wireless Web Services and Email (Option 1). For more details, see 49 CFR Part 395, Appendix to Subpart B—Electronic Logging Devices (Section 4.9.1). This document can be change without notice

# Roadside inspection Display logs on screen

**IMPORTANT:** This document must be kept in the commercial vehicle at all times and presented during a roadside inspection.

The compliance print can be generated on the screen without the presence of a cellular network

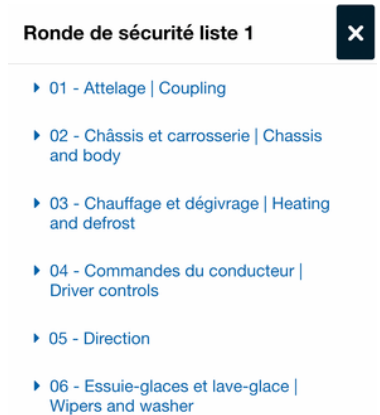
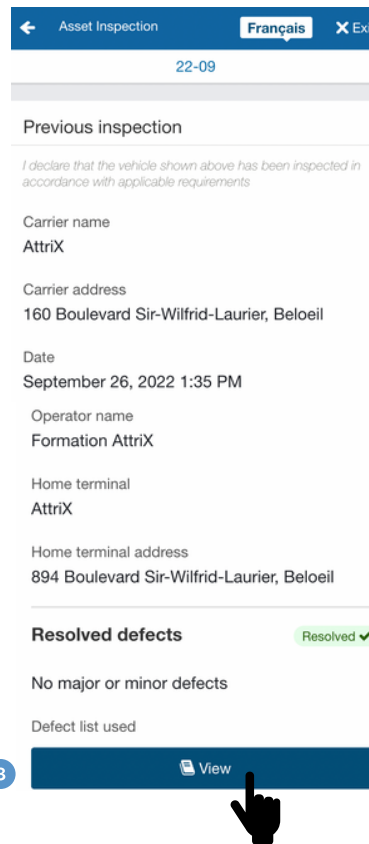
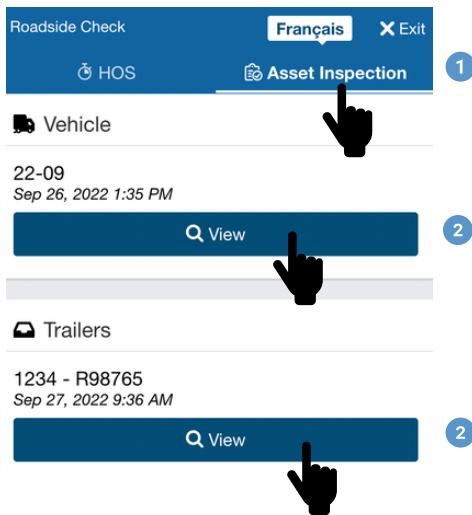
To view the report, select Compliance Copy to view it on your mobile device. Use the scroll arrows to change the day. Scroll through each report to view all data for that day.



Conformément à l'article 395.22 (h) du FMCSA. L'application Drive prend en charge le transfert télématique, qui transfère les données à un responsable de la sécurité autorisé sur demande par services Web sans fil et par courriel (option 1). Pour obtenir plus de détails, consultez la règle 49 CFR, partie 395, annexe A de la sous-partie B – Electronic Logging Devices (dispositifs d'enregistrement électroniques) (article 4.9.1).

# Roadside Check - Asset inspection

- 1 Press Asset inspection
- 2 Press view on the vehicle or trailers
- 3 To see the defect list press View



To exit the inspection mode, press Exit. Enter your PIN number and press continue or simply press continue.

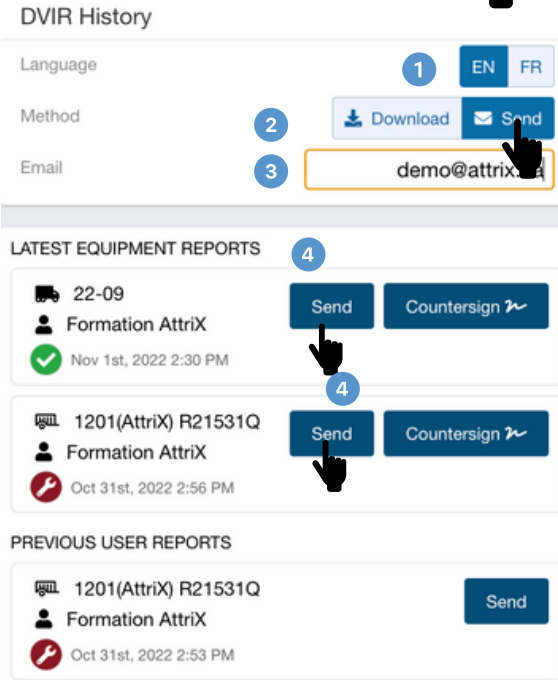
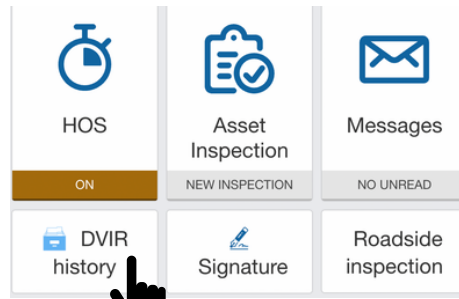
\*\*In the event that you forget your PIN, press Logout. Re-enter your Geotab Drive password to log back into the application. The inspection mode will be disabled. \*\*



You are exiting Roadside Check mode. Please enter your PIN to continue. If you have forgotten your PIN, start driving or log out to exit Roadside Check mode.

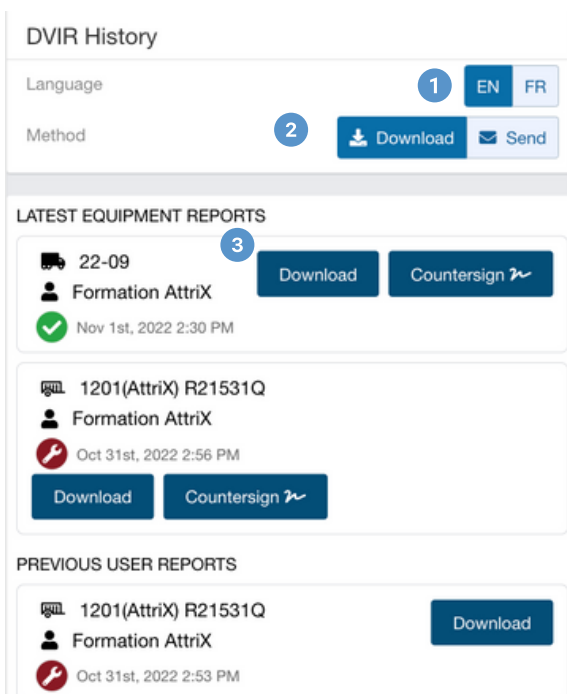
Below the text, there is a PIN entry field consisting of two adjacent boxes. Below the PIN field are three buttons: 'Log out', 'Continue', and 'Cancel'.

# DVIR History



## Sending inspections by email

- 1 Select language
- 2 Select Send
- 3 Enter email address
- 4 Press Send on each inspection to be emailed



## Download inspections

- 1 Select language
- 2 Select Download
- 3 Press Download on each inspection
- 4 Open the PDF file from your downloads in your device

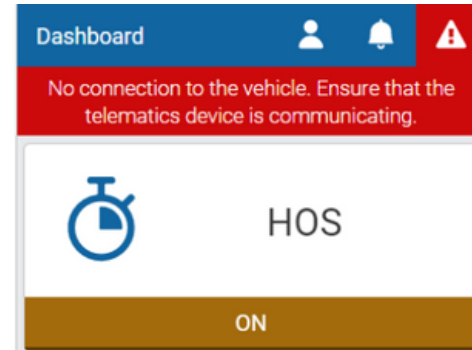
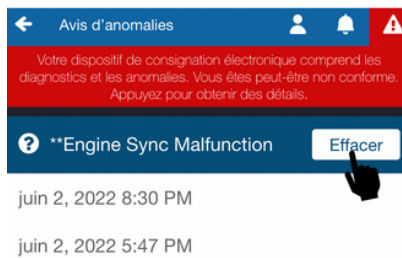
# Driver's instruction sheet for \*ELD malfunctions

## Troubleshooting Data Diagnostic and Malfunction Events

1. Press the Malfunction Notification or the Malfunction Notice button to see more details
2. Review the Driver's Guide for Data Diagnostic Events and Data Fault Events which provides instructions on what to do when these events occur.
3. Review and practice the following driver and carrier responsibilities.
4. Review the event data screen.
5. Review the event tables in the driver guides to identify the malfunction.
6. When you have reviewed the data, address the problem.

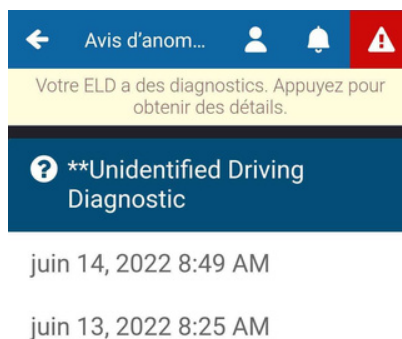
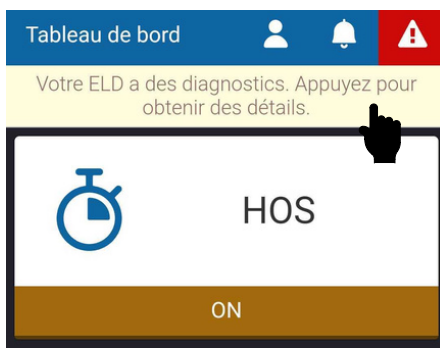
### If the ELD detects a malfunction event, a red bar will be displayed.

1. Review the malfunction event data screen.
2. Malfunction events should be resolved by the driver as soon as the problem is identified. It is important to follow the instructions for troubleshooting until the problem is resolved.
3. Review the event charts in the driver guides to identify the malfunction.
4. When you have investigated the malfunction and resolved the problem, press the Clear button.



### If the ELD detects a data diagnostic event, a yellow bar will be displayed.



1. Review the diagnostic event data screen. When you have reviewed the data, address the problem.
2. Diagnostic data events cannot be erased by the driver; they automatically erase once the problem is resolved.





\*ELD - Electronic logging device

## Guide to Data Diagnostic and Malfunction Events for USA and Canada

### Responsibilities for ELD Malfunctions (Canada)

 Driver's Duties	 Carrier's Duties
<ul style="list-style-type: none"> <li>• Notify the motor carrier as soon as the vehicle is parked.</li> <li>• The driver is required to record the following information on the RODS for the day in which he/she finds that a malfunction or data diagnostic code has occurred:                             <ol style="list-style-type: none"> <li>1. The malfunction or data diagnostic code as set out in table 4 of Schedule 2 of the Technical Standard;</li> <li>2. The date and time when the malfunction or data diagnostic code was noticed; and</li> <li>3. The time when notification of the malfunction or data diagnostic code was transmitted to the motor carrier.</li> </ol> </li> <li>• Include the code from adjacent tables in the activity report for all days following the malfunction or diagnostic code until the ELD is back in operation.</li> <li>• Reconstruct the record of duty status (RODS) for the current 24-hour period on paper, as well as the previous 14 consecutive days unless the driver already has the records, or can retrieve them from the ELD.</li> <li>• Continue to prepare RODS manually on paper until the ELD is serviced and back in compliance.</li> </ul>	<ul style="list-style-type: none"> <li>• Correct, repair, replace or service the defective ELD within 14 days since the discovery of a condition or notification by the driver to the carrier.</li> <li>• Instruct the driver to keep the record of duty status (RODS) on paper until the ELD is back in service.</li> <li>• Maintain a register of ELD malfunctions or data diagnostic codes for ELDs installed or used including:                             <ul style="list-style-type: none"> <li>1. The name of the driver who noticed the malfunction or data diagnostic code;</li> <li>2. The name of each driver that used the commercial vehicle following the discovery of the malfunction or data diagnostic code until the ELD was repaired or replaced;</li> <li>3. The make, model and serial number of the ELD;</li> <li>4. The licence plate of the commercial vehicle in which the ELD is installed or used, or the Vehicle Identification Number;</li> <li>5. The date when the malfunction or data diagnostic code was noticed and the location of the commercial vehicle on that date, as well as the date when the motor carrier was notified or otherwise became aware of the code;</li> <li>6. The date the ELD was replaced or repaired; and</li> <li>7. a concise description of the actions taken by the motor carrier to repair or replace the ELD.</li> </ul> </li> <li>• The motor carrier shall retain the information set out in subsection for each ELD for which a malfunction was noticed for a period of 6 months from the day on which the ELD is replaced or repaired.</li> </ul>

### Responsibilities for ELD Malfunctions (USA)

 Driver's Duties	 Carrier's Duties
<ul style="list-style-type: none"> <li>• Note the malfunction recorded by the ELD and provide written notification of the malfunction to the carrier within 24 hours.</li> <li>• Recreate the record of duty status (RODS) for the current 24-hour period and the previous 7 consecutive days on paper, unless the driver already has the reports or can retrieve them from the ELD.</li> <li>• Continue to record of duty status reports on paper until the ELD has been serviced for compliance.</li> <li>• Recording driver hours of service on paper cannot continue for more than eight days after the malfunction was detected.</li> </ul>	<ul style="list-style-type: none"> <li>• Correct, repair, replace, or service the defective ELD within 8 days of discovery of the condition or driver notification to the carrier.</li> <li>• Require the driver to maintain a report of duty status (RODS) until the ELD is back in service.</li> </ul>

## ELD malfunction or data diagnostic register


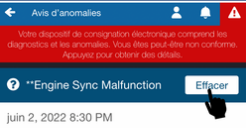
1. If a driver of a commercial vehicle becomes aware of the fact that the ELD is displaying a malfunction or data diagnostic code set out in Table 4 of Schedule 2 of the Technical Standard, the driver shall notify the motor carrier that is operating the commercial vehicle as soon as the vehicle is parked.
2. The driver shall record, in the record of duty status on the day on which he or she noticed the malfunction or data diagnostic code.
3. The driver shall record the code referred to in each record of duty status following the day on which the code was noticed, until the ELD is repaired or replaced.

<b>Malfunction register - ELD (driver)</b>	
The name of the driver who noticed the malfunction or data diagnostic code.	
The malfunction or data diagnostic code.	
The date and time when the malfunction or data diagnostic code was noticed.	
The time when notification of the malfunction or data diagnostic code was transmitted to the motor carrier.	
Date and location of the malfunction or diagnostic data code occurred	

1. A motor carrier shall ensure that any ELD that is installed or used in a commercial vehicle that it operates is in good working order and is calibrated and maintained in accordance with the manufacturer's or seller's specifications.
2. A motor carrier shall, within 14 days after the day on which it was notified of an ELD malfunction or data diagnostic code by the driver or otherwise became aware of it, or at the latest, upon return of the driver to the home terminal from a planned trip if that return exceeds the 14-day period, repair or replace the ELD.
3. The motor carrier shall maintain a register of ELD malfunction or data diagnostic codes for ELDs installed or used in commercial vehicles that it operates for which a malfunction was noticed.
4. The motor carrier shall retain the information set out in subsection for each ELD for which a malfunction was noticed for a period of 6 months from the day on which the ELD is replaced or repaired.

<b>Malfunction register – ELD (motor carrier)</b>	
The name of the driver who noticed the malfunction or data diagnostic code	
The name of each driver that used the commercial vehicle following the discovery of the malfunction or data diagnostic code until the ELD was repaired or replaced	
The make, model and serial number of the ELD	
the licence plate of the commercial vehicle in which the ELD is installed or used, or the Vehicle Identification Number	
The date when the malfunction or data diagnostic code was noticed and the location of the commercial vehicle on that date	
Date of data malfunction or diagnostic code notification	
The date the ELD was replaced or repaired; and a concise description of the actions taken by the motor carrier to repair or replace the ELD.	


## Driver's Guide to **Malfunction Events** for USA and Canada

	<p><b>Malfunction events must be cleared by the driver upon identifying and resolving the issue. It's important to follow the instructions for troubleshooting until the problem is resolved.</b></p>	
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Malfunction Code	Malfunction Event	What should I do next?
<b>P</b>	<p><b>Power data diagnostic:</b></p> <p>The ELD records a power data malfunction when an ELD is not powered for a cumulative in-motion driving time of 30 minutes or more over a 24-hour period, for all drivers.</p>	<ul style="list-style-type: none"> <li>This may be caused by an intermittent or full disconnection from the vehicle ECM. This could be due to an installation issue with the telematics device.</li> <li>When the problem is resolved, the system will auto-clear the event.</li> <li>Contact your carrier to examine the facility if you are unable to check it yourself.</li> <li>Once the problem has been resolved, you can resolve the event.</li> </ul>
<b>E</b>	<p><b>Engine synchronization data diagnostic:</b></p> <p>The ELD records an engine synchronization compliance malfunction when ECM connectivity to any of the required data sources (i.e. engine power status, vehicle motion status, miles driven, engine hours) is lost for more than 30 minutes during a 24-hour period, for all drivers.</p>	<ul style="list-style-type: none"> <li>This may be caused by an intermittent or full disconnection from the vehicle ECM. This could be due to an installation issue with the telematics device.</li> <li>Contact your motor carrier to inspect the installation if you are unable to check yourself.</li> <li>When the problem is resolved, you may clear the event.</li> </ul>
<b>T</b>	<p><b>Timing compliance malfunction:</b></p> <p>The ELD records a timing compliance malfunction when it fails to synchronize with an external UTC source, and can no longer meet the underlying timing compliance requirement not to exceed an absolute deviation of 10 minutes at any time.</p>	<ul style="list-style-type: none"> <li>Check the time on your mobile device to ensure it is set to acquire time automatically.</li> <li>When the problem is resolved, you may clear the event.</li> </ul>
<b>L</b>	<p><b>Positioning compliance malfunction:</b></p> <p>The ELD records a positioning compliance malfunction when it fails to acquire a valid position measurement within five miles of the commercial motor vehicle's movement, after 60 minutes has elapsed.</p>	<ul style="list-style-type: none"> <li>This may be caused by a temporary or permanent loss of GPS on the telematics device.</li> <li>Contact your motor carrier to inspect the installation. If the problem persists, replace the telematics device. When the problem is resolved, you may clear the event.</li> </ul>
<b>R</b>	<p><b>Data recording compliance malfunction:</b></p> <p>The ELD records a data recording compliance malfunction when it can no longer record or retain required events, or retrieve recorded logs that are not otherwise cataloged remotely by the motor carrier.</p>	<ul style="list-style-type: none"> <li>Contact your motor carrier as soon as possible.</li> <li>Once the problem is resolved, you may clear the event.</li> </ul>
<b>S</b>	<p><b>Data transfer compliance malfunction:</b></p> <p>The ELD records a data transfer compliance malfunction when the ELD stays in the unconfirmed data transfer mode following the next three consecutive monitoring checks.</p>	<ul style="list-style-type: none"> <li>Check your Internet connection.</li> <li>Contact your wireless carrier if the problem persists.</li> <li>When the problem is resolved, you may clear the event.</li> </ul>
<b>O</b>	<p><b>“Other” ELD identified malfunction:</b></p> <p>The other ELD identified malfunction is not supported.</p>	<ul style="list-style-type: none"> <li>The “Other” ELD identified malfunction is not supported at this time.</li> </ul>



## Driver's Guide to Data Diagnostic Events for USA and Canada

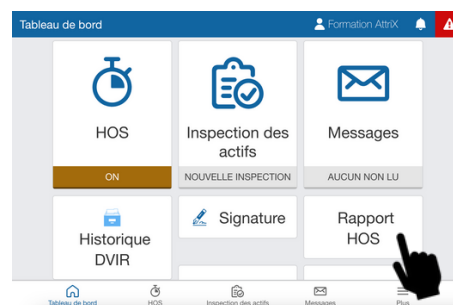
	<p><b>NOTE: Data Diagnostic events cannot be cleared by the driver, these will auto-clear once the issue is resolved.</b></p>	<div style="border: 1px solid black; padding: 2px;"> <p style="font-size: 8px; margin: 0;">← Avis d'anom... <span style="float: right;">👤 🔔 ⚠️</span></p> <p style="font-size: 8px; margin: 0;">Votre ELD a des diagnostics. Appuyez pour obtenir des détails.</p> <hr style="border: 0; border-top: 1px solid black; margin: 2px 0;"/> <p style="font-size: 8px; margin: 0;">🔔 **Unidentified Driving Diagnostic</p> <p style="font-size: 8px; margin: 0; text-align: right;">jun 14, 2022 8:49 AM</p> </div>
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Diagnostic Code	Data Diagnostic Event	What should I do next ?
<b>1</b>	<p><b>Power data diagnostic:</b></p> <p>The ELD records a power data diagnostic event when an ELD is not powered and fully functional within one minute of the vehicle's engine turning on, and does not remain powered for as long as the vehicle's engine stays powered.</p>	<ul style="list-style-type: none"> <li>This may be caused by an intermittent or full disconnection from the vehicle ECM. This could be due to an installation issue with the telematics device. When the problem is resolved, the system will</li> <li>auto-clear the event.</li> </ul>
<b>2</b>	<p><b>Engine synchronization data diagnostic:</b></p> <p>The ELD records an engine data synchronization diagnostic event when it loses ECM connectivity to any of the required data sources (i.e., engine power status, vehicle motion status, miles traveled, engine hours), and can no longer retrieve updated values of the required ELD parameters within 5 seconds of the request.</p>	<ul style="list-style-type: none"> <li>This may be caused by an intermittent or full disconnection from the vehicle ECM. This could be due to an installation issue with the telematics device.</li> <li>This may also occur if the ELD is unable to record the required engine data from the vehicle ECM.</li> <li>Contact your motor carrier if the problem persists.</li> </ul>
<b>3</b>	<p><b>Missing required data elements data diagnostic:</b></p> <p>The ELD records a missing required data elements data diagnostic event when any required data field is missing at the time of its recording.</p>	<ul style="list-style-type: none"> <li>This may be caused by a manual log created by the driver when there is a temporary loss of GPS on the telematics device.</li> <li>If the driver does not enter an address manually when prompted by the "Where was this?" message, this diagnostic is created.</li> <li>This can be resolved by selecting the "Where was this?" message associated with the record, and manually entering the missing data.</li> </ul>
<b>4</b>	<p><b>Data transfer data diagnostic:</b></p> <p>The ELD records a data transfer data diagnostic when the operation of the data transfer mechanism(s) cannot be confirmed. The ELD verifies this operation at least once every seven days.</p>	<ul style="list-style-type: none"> <li>Check your Internet connection.</li> <li>Contact your wireless carrier if the problem persists.</li> <li>When the problem is resolved, the system will</li> <li>auto-clear the event.</li> </ul>
<b>5</b>	<p><b>Unidentified driving records data diagnostic:</b></p> <p>The ELD records an unidentified driving record diagnostic event when more than 30 minutes of driving time by an unidentified driver is recorded within a 24-hour period. When the diagnostic is recorded, the ELD turns on the data diagnostic indicator for all drivers logged into the ELD for the current 24-hour period, and the seven days that follow.</p>	<ul style="list-style-type: none"> <li>Review all unassigned logs when logging in or out of the vehicle to ensure you have claimed any applicable logs.</li> <li>If the unassigned logs do not belong to you, you can ignore this diagnostic event.</li> <li>When the logs are claimed, the system will auto-clear the event.</li> </ul>
<b>6</b>	<p><b>"Other" ELD identified diagnostic:</b></p> <p>The other ELD identified diagnostic is not supported.</p>	<ul style="list-style-type: none"> <li>The "Other" ELD identified diagnostic is not supported at this time.</li> </ul>

# Rapport HOS

Depuis le 1er janvier 2023, il n'est plus possible de faire parvenir ses fiches journalières à une adresse qui n'est pas reconnue par transport Canada à l'aide de l'onglet Contrôle Routier.

AttriX a donc développé le module complémentaire rapport HOS, anciennement nommé "Contrôle routier" afin de permettre l'envoi par courriel des 14 derniers jours.



## Mode contrôle routier natif de Geotab

Dirige le chauffeur vers le mode Contrôle routier afin de faire parvenir ses fiches à une adresse courriel reconnue par transport Canada ou à un US DOT

Souhaitez-vous entrer un NIP à 4 chiffres? Si vous entrez un NIP, vous devez entrer le même NIP pour quitter le mode de contrôle routier.

Annuler    Aucun NIP



### Rapport HOS

- Transfert à un contrôleur routier
- Transfert par courriel

**Transfert à un contrôleur routier :** Faire parvenir les rapports d'activités de façon sécurisée à un agent lors d'un contrôle routier.

**Transfert par courriel :** Faire parvenir les rapports d'activités à une adresse courriel personnelle. Ne pas utiliser cette méthode d'envoi lors d'un contrôle routier.



### Rapport HOS

Langue EN FR

Courriel

Générer

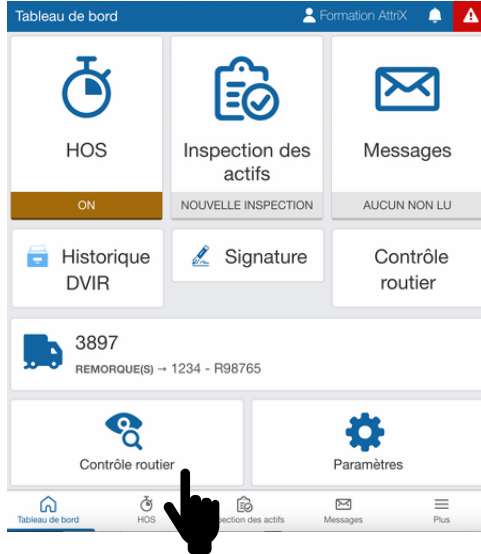
## Module développé par AttriX

Permet au chauffeur de faire parvenir à l'adresse courriel de son choix, ses fiches journalières des 14 derniers jours . Il est donc possible de faire parvenir ses fiches à un administrateur ou à son courriel personnel à des fins d'impôts et de références.

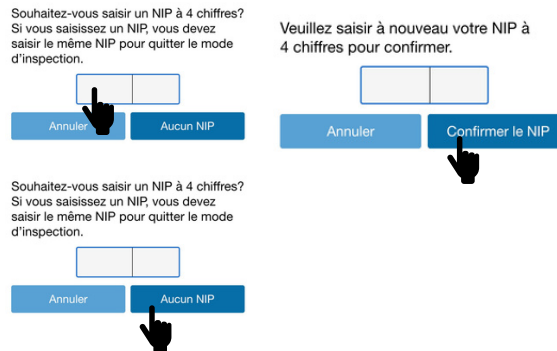
# 🇨🇦 Contrôle routier Canadien 🇨🇦

## Méthode de transfert - fiches journalières

**⚠️ IMPORTANT :** Ce document doit être conservé dans le véhicule commercial en tout temps et présenté lors d'une inspection routière.

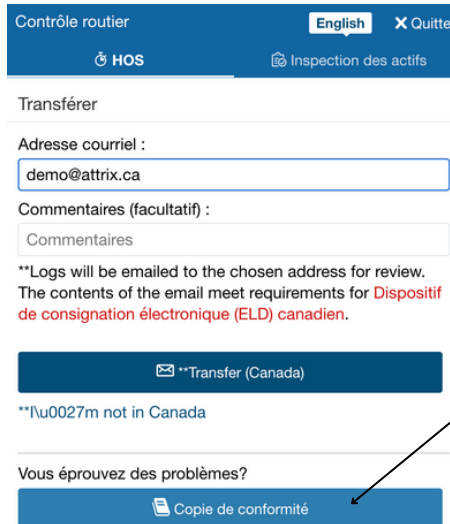
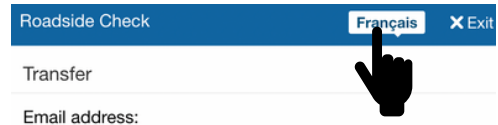


- 1 Sélectionner le bouton Contrôle routier
- 2 Entrer un nip de **VOTRE CHOIX**  
OU  
appuyez sur **Aucun NIP**



### Contrôle routier au Canada

- 1 Si l'inspecteur est francophone, appuyer sur Français
- 2 Entrer l'adresse courriel du contrôleur routier
- 3 Ajouter des commentaires (facultatif)
- 4 Appuyez sur Transfer (Canada)



**Vous éprouvez des problèmes ?  
Afficher la copie de conformité à l'écran**

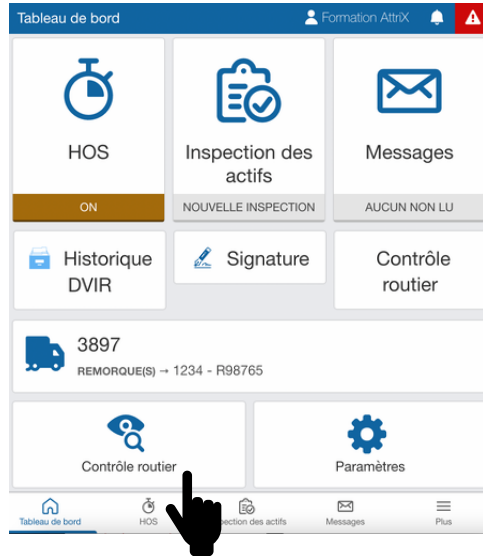
**Livré**  
\*\*The logs have been successfully sent to the officer to review.

Confirmation que les fiches ont été envoyées par courriel

# Contrôle routier Américain

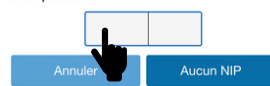
## Méthode de transfert fiches journalières

**IMPORTANT :** Ce document doit être conservé dans le véhicule commercial en tout temps et présenté lors d'une inspection routière.



- 1 Sélectionner le bouton Contrôle routier
- 2 Entrer un nip de **VOTRE CHOIX**  
OU  
appuyez sur Aucun NIP

Souhaitez-vous saisir un NIP à 4 chiffres?  
Si vous saisissez un NIP, vous devez saisir le même NIP pour quitter le mode d'inspection.



Veillez saisir à nouveau votre NIP à 4 chiffres pour confirmer.

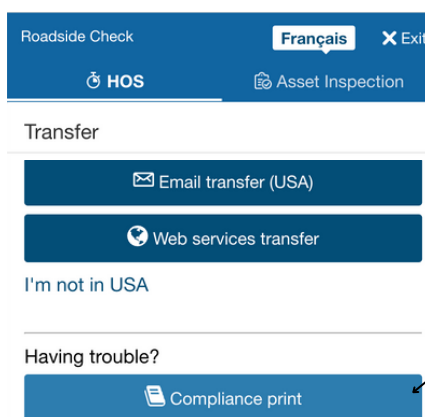
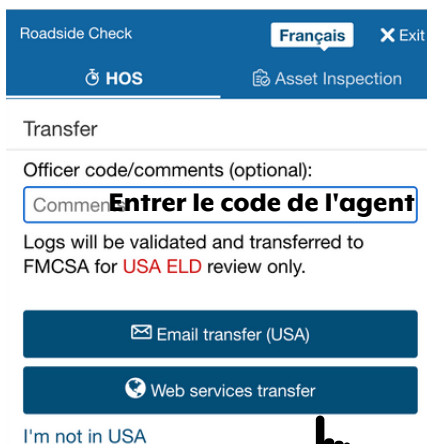


Souhaitez-vous saisir un NIP à 4 chiffres?  
Si vous saisissez un NIP, vous devez saisir le même NIP pour quitter le mode d'inspection.



## Contrôle routier aux États-Unis

- 1 Entrer le code "PIN" du DOT dans la section officer code
- 2 Appuyez sur **WEB SERVICES**
- 3 Appuyer sur Compliance print pour afficher les activités à l'écran



**Vous éprouvez des problèmes ?  
Afficher la copie de conformité à l'écran**

**Delivered (Information)**  
The logs have been successfully sent to the officer to review.

Confirmation que les fiches ont été envoyées dans le système ERODS

Conformément à l'article 395.22 (h) du FMCSA. L'application Drive prend en charge le transfert télématique, qui transfère les données à un responsable de la sécurité autorisé sur demande par services Web sans fil et par courriel (option 1). Pour obtenir plus de détails, consultez la règle 49 CFR, partie 395, annexe A de la sous-partie B – Electronic Logging Devices (dispositifs d'enregistrement électroniques) (article 4.9.1).

# Contrôle Routier

## Afficher les fiches journalières à l'écran

**IMPORTANT** : Ce document doit être conservé dans le véhicule commercial en tout temps et présenté lors d'une inspection routière.

La copie de conformité peut être générée à l'écran **sans présence de réseau cellulaire**

Pour afficher le rapport, sélectionner **Copie de conformité** pour l'afficher sur votre appareil mobile. Utilisez les flèches de défilement pour changer de jour. Faites défiler chaque rapport pour afficher toutes les données de la journée visée.

Contrôle routier English X Quitter

Transférer

Adresse courriel :

Commentaires (facultatif) :

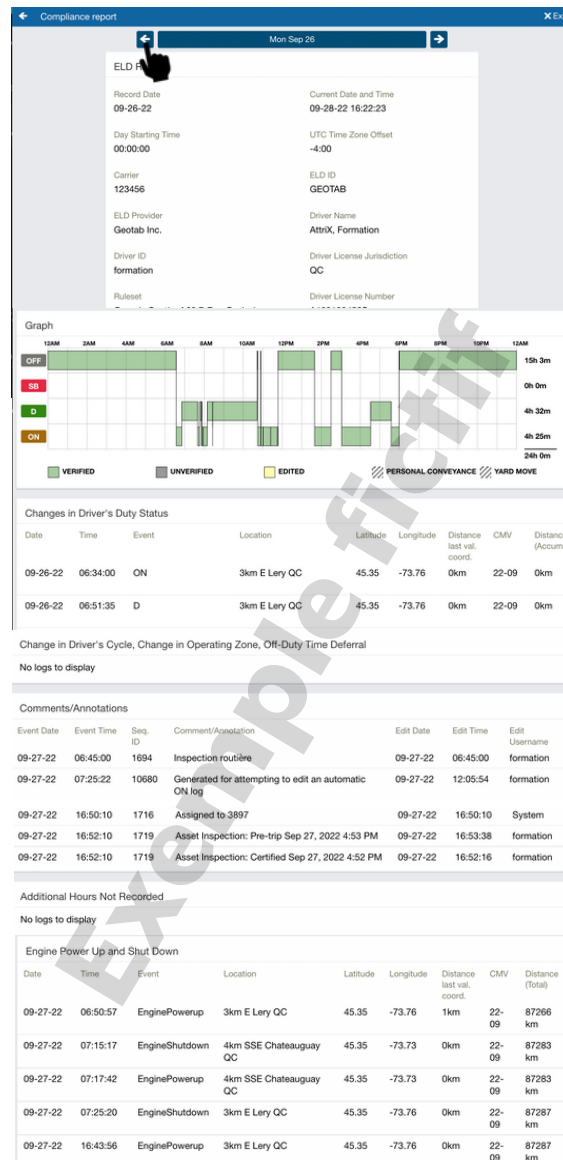
**\*\*Logs will be emailed to the chosen address for review. The contents of the email meet requirements for Dispositif de consignation électronique (ELD) canadien.**

✉ \*\*Transfer (Canada)

\*\*\u0027m not in Canada

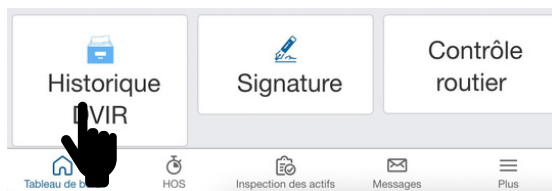
Vous éprouvez des problèmes?

📄 Copie de conformité



Conformément à l'article 395.22 (h) du FMCSA. L'application Drive prend en charge le transfert télématique, qui transfère les données à un responsable de la sécurité autorisé sur demande par services Web sans fil et par courriel (option 1). Pour obtenir plus de détails, consultez la règle 49 CFR, partie 395, annexe A de la sous-partie B – Electronic Logging Devices (dispositifs d'enregistrement électroniques) (article 4.9.1).

# Historique des Rondes de Sécurité



## Historique RDS

Langue 1 EN FR

Méthode 2 Télécharger Envoyer

Email 3 courriel@demoatrix.ca

**DERNIERS RAPPORTS DES ACTIFS**

- 4 1234 - R98765 Audrey Desautels sept. 27, 2022 9:36 AM Envoyer Contresigner
- 22-09 Formation AttriX sept. 26, 2022 1:35 PM 4 Envoyer

**VOS RAPPORTS ANTÉRIEURS**

- 1098 -ne pas utiliser Formation AttriX sept. 26, 2022 11:45 AM Envoyer

## Envoie des inspections par courriel

- 1 Sélectionner la langue
- 2 Sélectionner Envoyer
- 3 Entrer l'adresse courriel
- 4 Appuyer sur Envoyer sur chaque inspection à faire parvenir par courriel

## Historique RDS

Langue 1 EN FR

Méthode 2 Télécharger Envoyer

**DERNIERS RAPPORTS DES ACTIFS**

- 3 1234 - R98765 Audrey Desautels sept. 27, 2022 9:36 AM Télécharger Contresigner
- 22-09 Formation AttriX sept. 26, 2022 1:35 PM Télécharger

**VOS RAPPORTS ANTÉRIEURS**

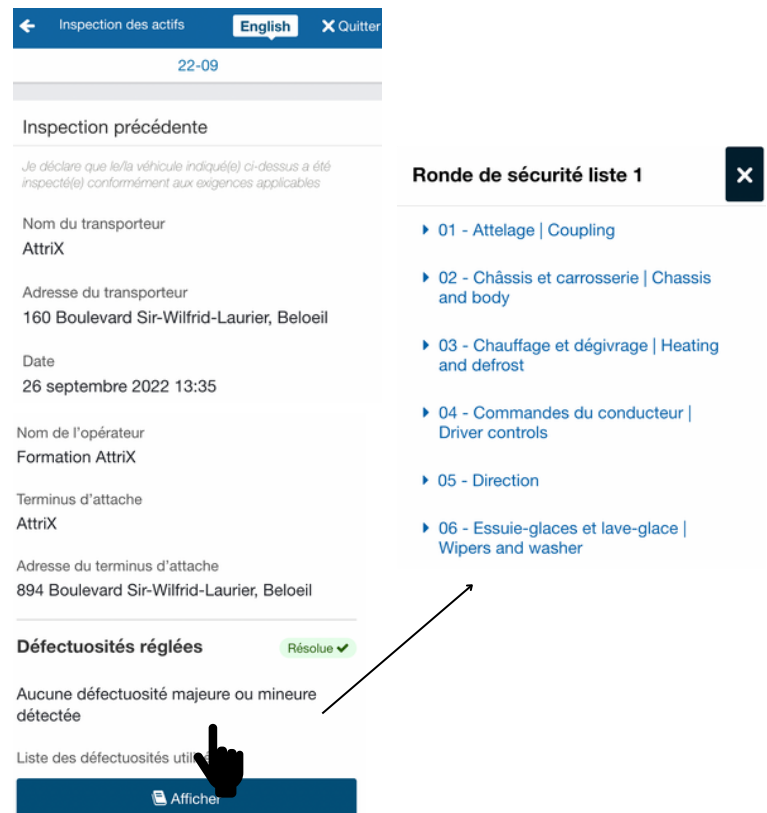
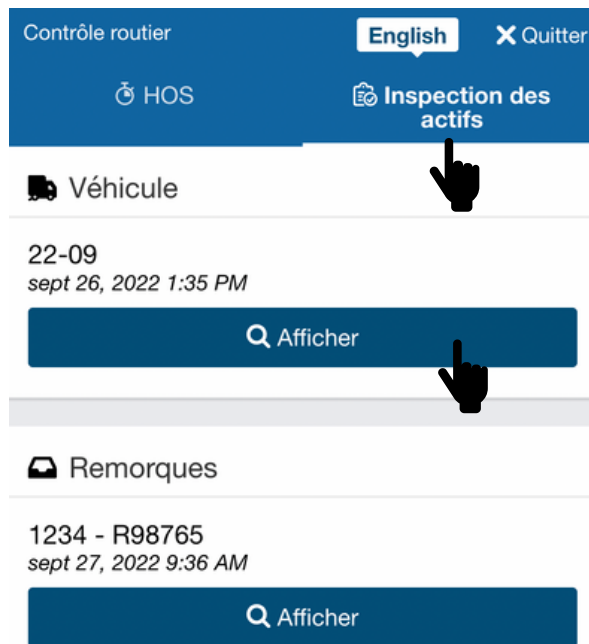
- 1098 -ne pas utiliser Formation AttriX sept. 26, 2022 11:45 AM Télécharger
- 3897 Formation AttriX sept. 22, 2022 12:19 PM Télécharger

## Télécharger les inspections

- 1 Sélectionner la langue
- 2 Sélectionner Télécharger
- 3 Appuyer sur Télécharger sur chaque inspection
- 4 Ouvrir le fichier PDF depuis vos téléchargements dans votre appareil

# Contrôle Routier - Afficher les inspections

- 1 Appuyer sur Inspection des actifs
- 2 Appuyer sur Afficher sur le véhicule ou la remorque
- 3 Appuyer sur afficher la liste de défectuosité



Pour quitter le mode inspection, appuyer sur Quitter ou Exit.



Entrer le même NIP de 4 chiffres qu'au début de l'inspection et appuyer sur continuer ou simplement appuyer sur continuer.

Vous quittez le mode de contrôle routier. Veuillez entrer votre NIP pour continuer. Si vous avez oublié votre NIP, commencez à conduire ou déconnectez-vous pour quitter le mode de contrôle routier.

You are exiting Roadside Check mode. Please enter your PIN to continue. If you have forgotten your PIN, start driving or log out to exit Roadside Check mode.

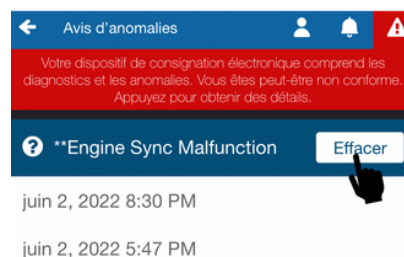
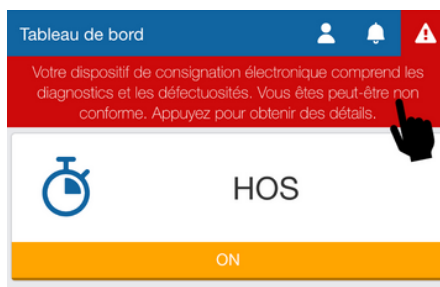
# Feuille d'instructions à l'intention du conducteur décrivant les mesures à prendre en cas de défaillance du \*DCE

## Données de dépannage

1. Appuyez sur la notification d'anomalie ou sur le bouton Avis d'anomalie pour voir plus de détails
2. Consultez le Guide du conducteur sur les événements de diagnostics de données et les événements de défektivité de données qui fournit des instructions sur ce qu'il faut faire lorsque ces événements se produisent.
3. Passez en revue et mettez en pratique les responsabilités suivantes du conducteur et du transporteur.
4. Passez en revue l'écran des données d'événements.
5. Examinez les tableaux d'événements dans les guides de conducteur afin d'identifier l'anomalie.
6. Lorsque vous avez examiné les données, traitez le problème.

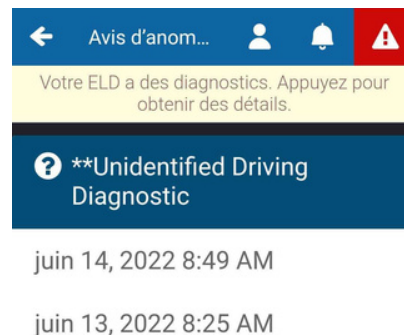
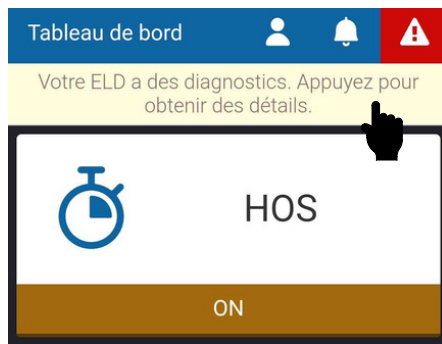
## Si le DCE détecte un événement de défektivité, une barre rouge sera présente.

1. Passez en revue l'écran des données d'événements de défektivité.
2. Les événements de défektivité doivent être résolus par le chauffeur aussitôt le problème est identifié. Il est important de suivre les instructions face aux défektivités jusqu'à ce que le problème soit réglé.
3. Examinez les tableaux d'événements dans les guides de conducteur afin d'identifier l'anomalie.
4. Lorsque vous avez examiné l'anomalie et résolu le problème, appuyez sur le bouton effacer.



## Si le DCE détecte un événement diagnostique, une barre jaune sera présente.

1. Passez en revue l'écran des données d'événements de diagnostic. Lorsque vous avez examiné les données, traitez le problème.
2. Les événements de diagnostic de données ne peuvent pas être effacés par le conducteur, ils s'effacent automatiquement une fois le problème résolu.





\* DCE : Dispositif de consignation électronique





## Guide pour les événements de **défectuosité** de données pour le Canada et les États-Unis.

### Responsabilités face aux défectuosités enregistrées par le DCE

 Les responsabilités du chauffeur	 Les responsabilités du transporteur routier
<ul style="list-style-type: none"> <li>• Aviser l'entreprise dès que le véhicule est stationner.</li> <li>• Le conducteur est tenu de consigner les renseignements ci-après dans le rapport d'activités de la journée au cours de laquelle il constate qu'il y a eu un code de défaillance ou de diagnostic de données :               <ol style="list-style-type: none"> <li>1. Le code de défaillance ou de diagnostic de données dans la table adjacente</li> <li>2. La date et l'heure de la constatation du code de défaillance ou de diagnostic de données;</li> <li>3. Le moment où il a informé le transporteur routier du code de défaillance ou de diagnostic de données.</li> </ol> </li> <li>• Inclure le code des tables adjacentes dans le rapport d'activité pour toutes les journées qui succèdent l'anomalie ou le code de diagnostic, jusqu'à ce que le DCE soit remis en service.</li> <li>• Recréer le rapport d'activité (RA) pour la période de 24 heures en cours et les 14 jours consécutifs précédents sur papier, à moins que le chauffeur a déjà les rapports ou peut les récupérer du DCE</li> <li>• Continuer à créer le rapport d'activité manuellement jusqu'à ce que le DCE soit réparé.</li> </ul>	<ul style="list-style-type: none"> <li>• Corriger, réparer, remplacer ou effectuer l'entretien du DCE défectueux dans les <u>14 jours</u> suivant la découverte de la condition ou la notification du chauffeur au transporteur routier.</li> <li>• Demander au chauffeur de conserver des rapports d'état d'activité (RODS) sur papier jusqu'à ce que le DCE soit remis en service.</li> <li>• Maintenir un registre des anomalies ou des codes de diagnostic de données pour les DCE installés ou utilisés comprenant :               <ol style="list-style-type: none"> <li>1. Le nom du conducteur qui signalé l'anomalie ou le code de diagnostic des données</li> <li>2. Le nom de chaque conducteur qui a utilisé le véhicule à partir de la date de l'anomalie ou des données code de diagnostic à la date de réparation,</li> <li>3. La marque, modèle et numéro de série numéro du DCE,</li> <li>4. Plaque d'immatriculation ou identification du véhicule,</li> <li>5. Date et lieu de l'anomalie ou du code de diagnostic des données s'est produit,</li> <li>6. Date de notification de l'anomalie ou du code diagnostic des données,</li> <li>7. Date de réparation et une description des mesures prises pour réparer le DCE</li> </ol> </li> <li>• Conserver les informations du paragraphe précédent pour chaque DCE avec un rapport d'anomalie, pendant une durée de 6 mois à compter du jour où le DCE est de retour en service.</li> </ul>

### Responsabilités face aux défectuosités enregistrées par le DCE

 Les responsabilités du chauffeur	 Les responsabilités du transporteur routier
<ul style="list-style-type: none"> <li>• Noter la défectuosité enregistrée par le DCE et fournir un avis écrit de la défectuosité au transporteur routier dans les 24 heures.</li> <li>• Recréer le rapport d'état d'activité (RODS) pour la période de 24 heures en cours et les 7 jours consécutifs précédents sur papier, à moins que le chauffeur a déjà les rapports ou peut les récupérer du DCE.</li> <li>• Continuer d'inscrire les rapports d'état d'activité sur papier jusqu'à ce que l'on ait effectué l'entretien du DCE pour qu'il soit conforme.</li> <li>• L'enregistrement des heures de service du chauffeur sur papier ne peut continuer pour plus de huit jours après la défectuosité.</li> </ul>	<ul style="list-style-type: none"> <li>• Corriger, réparer, remplacer ou effectuer l'entretien du DCE défectueux dans les <u>8 jours</u> suivant la découverte de la condition ou la notification du chauffeur au transporteur routier.</li> <li>• Demander au chauffeur de conserver des rapports d'état d'activité (RODS) sur papier jusqu'à ce que le DCE soit remis en service.</li> </ul>



## Registre des codes de défaillance ou de diagnostic de données

1. Si le conducteur d'un véhicule utilitaire constate qu'un code de défaillance ou de diagnostic de données prévu au tableau 4 de l'annexe 2 de la norme technique figure sur le DCE, il en informe le transporteur routier qui exploite le véhicule dès que le véhicule est stationné.
2. Le conducteur est tenu de consigner les renseignements ci-après dans le rapport d'activités de la journée au cours de laquelle il constate qu'il y a eu un code de défaillance ou de diagnostic de données
3. Le conducteur est tenu de consigner le code visé dans le tableau de code de diagnostic ou de défaut dans le rapport d'activités de chacune des journées suivant la constatation du code jusqu'à ce que le DCE soit réparé ou remplacé.

### Registre des défauts – DCE (conducteur)


Le nom du conducteur qui signalé l'anomalie ou le code de diagnostic des données	
Le code de défaillance ou de diagnostic de données dans le tableau des codes	
La date et l'heure de la constatation du code de défaillance ou de diagnostic de données	
Le moment où il a informé le transporteur routier du code de défaillance ou de diagnostic de données.	
Date et lieu de l'anomalie ou du code de diagnostic des données s'est produit	

1. Le transporteur routier veille à ce que tout DCE installé ou utilisé dans un véhicule utilitaire qu'il exploite soit en bon état de marche et qu'il soit étalonné et entretenu conformément aux spécifications du fabricant ou du vendeur.
2. Le transporteur routier répare ou remplace le DCE dans les 14 jours suivant le jour où il est informé du code de défaillance ou de diagnostic de données par le conducteur ou le jour où il en prend connaissance ou au plus tard au retour du conducteur à sa gare d'attache, si un tel retour est prévu après ce délai de 14 jours.
3. Le transporteur routier tient un registre des codes de défaillance ou de diagnostic de données pour les DCE installés ou utilisés dans les véhicules utilitaires qu'il exploite à l'égard desquels une défaillance a été constatée et qui comporte les renseignements suivants
4. Le transporteur routier conserve les renseignements visés au paragraphe (6) pour chaque DCE pour lequel une défaillance a été constatée pendant une période de six mois qui commence le jour où le DCE est réparé ou remplacé.

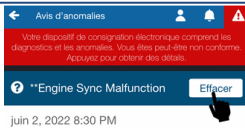
### Registre des défauts – DCE (transporteur routier)

Le nom du conducteur qui signalé l'anomalie ou le code de diagnostic des données	
Le nom de chaque conducteur qui a utilisé le véhicule à partir de la date de l'anomalie ou des données code de diagnostic à la date de réparation	
La marque, modèle et numéro de série numéro du DCE	
Plaque d'immatriculation ou le numéro d'identification du véhicule	
Date et lieu de l'anomalie ou du code de diagnostic des données s'est produit	
Date de notification de l'anomalie ou du code diagnostic des données	
Date de réparation et une description des mesures prises pour réparer le DCE	

## Guide du conducteur pour les événements de **défectuosité de données** pour le Canada et les États-Unis.




**Les événements de défectuosité doivent être résolus par le chauffeur aussitôt le problème est identifié. Il est important de suivre les instructions face aux défectuosités jusqu'à ce que le problème soit réglé.**



juin 2, 2022 8:30 PM

Code de défectuosité	Événement de défectuosité:	Que faire ensuite?
<b>P</b>	<p><b>Défectuosité d'alimentation:</b></p> <p>Le DCE enregistre une défectuosité d'alimentation lorsque le DCE n'est pas alimenté pour un temps cumulatif de conduite en mouvement de 30 minutes ou plus sur une période de 24 heures, pour tous les chauffeurs.</p>	<ul style="list-style-type: none"> <li>Ceci peut être causé par une connexion intermittente ou absente au module de commande du moteur du véhicule. Ceci peut être dû à un problème d'installation avec le dispositif télématique.</li> <li>Contactez votre transporteur routier pour examiner l'installation si vous êtes incapable de vérifier par vous-même.</li> <li>Une fois le problème réglé, vous pouvez résoudre l'événement.</li> </ul>
<b>E</b>	<p><b>Défectuosité de conformité de synchronisation avec le moteur:</b></p> <p>Le DCE enregistre une défectuosité de conformité de la synchronisation avec le moteur lorsque la connectivité avec le module de commande du moteur pour toute source de données requise (c.-à-d. l'état d'alimentation du moteur, l'état de mouvement du véhicule, les kilomètres conduits, les heures de fonctionnement du moteur) est perdue pendant plus de 30 minutes sur une période de 24 heures, pour tous les chauffeurs.</p>	<ul style="list-style-type: none"> <li>Ceci peut être causé par une connexion intermittente ou absente au module de commande du moteur du véhicule. Ceci peut être dû à un problème d'installation avec le dispositif télématique.</li> <li>Contactez votre transporteur routier pour examiner l'installation si vous êtes incapable de vérifier par vous-même.</li> <li>Une fois le problème réglé, vous pouvez résoudre l'événement.</li> </ul>
<b>T</b>	<p><b>Défectuosité de conformité de l'heure:</b></p> <p>Le DCE enregistre une défectuosité de conformité de l'heure lorsqu'il ne parvient pas à se synchroniser avec une source UTC externe, et ne peut plus répondre à l'exigence sous-jacente de conformité de l'heure de ne pas dépasser un écart absolu de 10 minutes à tout moment.</p>	<ul style="list-style-type: none"> <li>Vérifiez le temps sur votre appareil mobile et assurez vous qu'il est paramétré pour obtenir l'heure automatiquement.</li> <li>Une fois le problème réglé, vous pouvez résoudre l'événement.</li> </ul>
<b>L</b>	<p><b>Défectuosité de la conformité du positionnement:</b></p> <p>Le DCE enregistre une défectuosité de conformité de positionnement lorsqu'il ne parvient pas à acquérir une mesure de position valide dans les cinq miles du déplacement du véhicule commercial, après que 60 minutes se soient écoulées.</p>	<ul style="list-style-type: none"> <li>Ceci pourrait être causé par la perte temporaire ou permanente du GPS par le dispositif télématique.</li> <li>Contactez votre transporteur routier pour examiner l'installation. Si le problème persiste, remplacez le dispositif télématique.</li> <li>Une fois le problème réglé, vous pouvez résoudre l'événement.</li> </ul>
<b>R</b>	<p><b>Défectuosité de conformité de synchronisation avec le moteur:</b></p> <p>Le DCE enregistre une défectuosité de conformité de l'enregistrement des données lorsqu'il n'est plus en mesure d'enregistrer ou de conserver des événements requis, ou de récupérer des rapports enregistrés qui ne sont pas catalogués à distance d'un autre moyen par le transporteur routier.</p>	<ul style="list-style-type: none"> <li>Contactez votre transporteur routier dès que possible.</li> <li>Une fois le problème réglé, vous pouvez résoudre l'événement.</li> </ul>
<b>S</b>	<p><b>Défectuosité de conformité de l'heure:</b></p> <p>Le DCE enregistre une défectuosité de conformité de l'heure lorsqu'il ne parvient pas à se synchroniser avec une source UTC externe, et ne peut plus répondre à l'exigence sous-jacente de conformité de l'heure de ne pas dépasser un écart absolu de 10 minutes à tout moment.</p>	<ul style="list-style-type: none"> <li>Vérifiez votre connexion Internet.</li> <li>Contactez votre fournisseur de services sans fil si le problème persiste.</li> <li>Une fois le problème réglé, vous pouvez résoudre l'événement.</li> </ul>
<b>O</b>	<p><b>La défectuosité « Autre » identifiée par le DCE:</b></p> <p>La défectuosité Autre identifiée par le DCE n'est pas prise en charge.</p>	<ul style="list-style-type: none"> <li>La défectuosité « Autre » identifiée par le DCE n'est pas prise en charge.</li> </ul>

## Guide du conducteur pour les événements de **diagnostic de données** pour le Canada et les États-Unis

	<p><b>REMARQUE :</b> les événements de diagnostic de données ne peuvent pas être effacés par le conducteur, ils s'effacent automatiquement une fois le problème résolu.</p>	<div style="font-size: 8px; border: 1px solid #ccc; background-color: #f0f0f0; padding: 2px;"> <p style="margin: 0;">← Avis d'anom... <span style="float: right;">👤 🔔 ⚠️</span></p> <p style="margin: 0;">Votre ELD a des diagnostics. Appuyez pour obtenir des détails.</p> </div> <div style="font-size: 8px; background-color: #003366; color: white; padding: 2px;"> <p style="margin: 0;">🔍 **Unidentified Driving Diagnostic</p> <p style="margin: 0;">juin 14, 2022 8:49 AM</p> </div>
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Code de diagnostic	Données de l'évènement de diagnostic	Que dois-je faire ensuite ?
<b>1</b>	<p><b>Diagnostic de données d'alimentation:</b></p> <p>Le DCE enregistre un événement de diagnostic de données d'alimentation lorsqu'un DCE n'est pas alimenté et entièrement fonctionnel dans la minute qui suit la mise en marche du moteur du véhicule, et qu'il ne demeure pas alimenté tant que le moteur du véhicule fonctionne.</p>	<ul style="list-style-type: none"> <li>Cela peut être dû à une déconnexion intermittente ou complète de l'ECM du véhicule. Cela peut être dû à un problème d'installation du dispositif télématique.</li> <li>Lorsque le problème est résolu, le système efface automatiquement l'évènement.</li> </ul>
<b>2</b>	<p><b>Diagnostic de données de synchronisation avec le moteur:</b></p> <p>Le DCE enregistre un événement de diagnostic de synchronisation des données du moteur lorsqu'il perd la connectivité de l'ECM à l'une des sources de données requises (c.-à-d. l'état de puissance du moteur, l'état de mouvement du véhicule, les kilomètres parcourus, les heures du moteur), et ne peut plus récupérer les valeurs actualisées des paramètres requis de l'ELD dans les 5 secondes suivant la demande.</p>	<ul style="list-style-type: none"> <li>Cela peut être dû à une déconnexion intermittente ou complète de l'ECM du véhicule. Cela peut être dû à un problème d'installation du dispositif télématique.</li> <li>Cela peut également se produire si le DCE est incapable d'enregistrer les données moteur requises à partir de l'ECM du véhicule.</li> <li>Contactez votre transporteur routier si le problème persiste.</li> </ul>
<b>3</b>	<p><b>Diagnostic de données d'éléments de données requis manquants:</b></p> <p>Le DCE enregistre un événement de diagnostic de données d'éléments de données requis manquants lorsque tout champ de données requis est manquant au moment de son enregistrement.</p>	<ul style="list-style-type: none"> <li>Ceci peut être causé par la création d'un journal manuel lorsqu'il a une perte temporaire du signal GPS sur le dispositif télématique.</li> <li>Si le chauffeur n'entre pas une adresse manuellement, un message "Où était-ce" sera affiché.</li> <li>Ceci peut être résolu en entrant manuellement l'adresse en appuyant sur le message "Où était-ce".</li> </ul>
<b>4</b>	<p><b>Diagnostic de données de transfert de données:</b></p> <p>Le DCE enregistre un diagnostic de données de transfert de données lorsque le fonctionnement du ou des mécanisme(s) de transfert de données ne peut être confirmé. Le DCE vérifie ce fonctionnement au moins une fois tous les sept jours.</p>	<ul style="list-style-type: none"> <li>Vérifier votre connexion internet.</li> <li>Contactez votre fournisseur cellulaire si le problème persiste.</li> <li>Une fois le problème résolu, le système effacera automatiquement la notification</li> </ul>
<b>5</b>	<p><b>Diagnostic de données de rapports de conduite non identifiés:</b></p> <p>Le DCE enregistre un événement de diagnostic de données de rapports de conduite non identifiés quand plus de 30 minutes de conduite d'un chauffeur non identifié sont enregistrées sur une période de 24 heures. Quand le diagnostic est enregistré, le DCE active l'indicateur de diagnostic de données pour tous les chauffeurs connectés au DCE pour la période actuelle de 24 heures, et les sept jours qui suivent.</p>	<ul style="list-style-type: none"> <li>Réviser tous les rapports non assignés lors de votre connexion ou déconnexion du véhicule pour vous assurer d'avoir réclamé tout rapport qui s'applique à vous.</li> <li>Si les rapports non assignés ne vous appartiennent pas, vous pouvez ignorer cet événement de diagnostic.</li> <li>Lorsque les rapports seront réclamés, le système résoudra automatiquement l'évènement.</li> </ul>
<b>6</b>	<p><b>Le diagnostic « Autre » identifié par le DCE</b></p> <p>Le diagnostic Autre identifié par le DCE n'est pas pris en charge.</p>	<ul style="list-style-type: none"> <li>Le diagnostic « Autre » identifié par le DCE n'est pas pris en charge pour le moment.</li> </ul>