

Driver Vehicle Inspection Reports (DVIR) in OneView

Keys to Maintaining DVIR Compliance

Driver Vehicle Inspection Reports are an important component of compliance and safety. Making sure that your drivers are doing daily inspections and reviews can be meticulous on paper, however using Pedigree Technologies DVIR solution will simplify things greatly.

As a reminder, the FMCSA requires that inspections are done by the driver and filled out on a form at the end of each shift (post-trip inspection) and that inspection reviews are done before driving at the beginning of each shift (pre-trip inspection review). In practice many drivers fill out a DVIR during their pre-trip as well as post-trip inspection.

The keys to maintaining DVIR compliance are:

1. Ensure that drivers are doing their daily inspections and inspection reviews
2. Ensure that vehicles with failed inspections are getting fixed (if required) before they are driven

There are dashboards, reports and alarms setup within OneView to make maintaining compliance easy.

1. Ensure that drivers are doing their daily inspections and inspection reviews

On the [Compliance tab](#) check the DVIR Violations for each of your drivers. Click on the individual driver's [DVIR Violation](#) line graph to see a list of the missing inspection windows. Check the driver's log to verify when drivers are submitting their inspection forms and if they have proper On Duty, Not Driving status time. The [Missing Inspections Module](#) can also be added to your dashboard.

On the dashboard the [Event Feed Module](#) can be setup with your drivers or vehicles to see the inspections as they happen.

The [Vehicle Inspection History Report](#) can be run on your fleet of drivers or vehicles to see a history of all inspections done. Like all reports, this can be run manually at any time, however it is typically setup to automatically email the previous day's data each morning for review.

The [Missing Vehicle Inspection Report](#) can be run on your fleet of vehicles to see if any of your vehicles are driving without doing an inspection. This report checks to see if there was a failed inspection that wasn't reviewed before driving and it also checks to see if a driver did an inspection before going off duty at the end of the day. Note that it does not check to see that an inspection was done before driving at the beginning of the shift as this is not required by FMCSA. Run this report manually or set it up to email on a scheduled basis.

2. Ensure that vehicles with failed inspections are getting fixed (if required) before they are driven

The [Failed Inspection Alarm](#) can be setup on your drivers, vehicles or trailers to notify you if there are any failed inspections as they happen. This alarm can also automatically create a maintenance job that can be assigned to the mechanic for fixing the cause of the failed inspection.

The [Vehicle Inspection Exception Report](#) can be run on your fleet of drivers or vehicles to see any failed inspections. If failed inspection alarms (see above) are used to generate maintenance jobs, this report will also show the maintenance work done

and date/time of the fix of the failed inspection. Using this report is ideal for documenting failed inspections and how/when they were fixed for audits. Run this report manually or set it up to email on a scheduled basis.

Audits

When having your DVIRs audited, many of the same reports you use to manage DVIRs on a day to day basis are useful.

Before the audit:

- Run the [Missing Vehicle Inspection Report](#) on your drivers to see if any inspections are missing over the audit timeframe.
- Run the [Vehicle Inspection Exception Report](#) on your drivers to get a list of all failed inspections. You'll want to verify that you have documentation that the cause of each of those failed inspections was fixed. If you're using the failed inspection alarms to create maintenance jobs, be sure that you've completed all of the maintenance jobs relating to those inspection failures so the documentation is all present in this report.

During the audit:

- Use the [Vehicle Inspection History Report](#) and the [Vehicle Inspection Exception Report](#) for a list of DVIRs and failed DVIRs as needed for the auditor.
- Use the [HOS Log Book Report](#) to generate PDFs (or print) of your driver logs as needed for the auditor. See the OneView HOS Guide for more information.
- Contact Pedigree Technologies Support if you need assistance at **1-800-407-9307**. We're here to help!


Additional Useful Information

The [Vehicle Inspection Notes Report](#) is useful for seeing any notes the drivers have made on components of the truck, even if the inspection passed. This can be a useful way for your drivers to communicate information to your mechanics that is not critical enough to fail an inspection.

Inspections Tab

Asset data and Driver data includes an Inspections tab that shows all inspections done on an asset or by a driver.

StatusLogsScorecardEvent HistoryVideoJobsMaintenanceFormsReportsInspectionsAlarmsCommentsLibraryConfiguration




John Hermes

09-Sep 08:43 AM (CDT)

Off Duty

4D 4h

Class: User Trucker

No Vehicle 

(Last: Pedigree - CO - 107)

Overall Remaining8h 0m

Limited by the 8h Until Break:
After a break, 11h remaining

Needs ReviewAll

Pass/Fail	ID	DVIR	Inspection	Inspected By	Inspection Date	Inspection Status	Review Date	Reviewed By	Linked Maintenance
Passed	6787444139	✓	Tractor Inspection PASSED	John Hermes	08-Sep-22 05:08 PM (CDT)	Review not needed	-	-	-
Passed	6785426916	✓	Tractor Inspection PASSED	John Hermes	06-Sep-22 02:30 PM (CDT)	Review not needed	-	-	-
Passed	6777314198	✓	Tractor Inspection PASSED	John Hermes	26-Aug-22 12:56 PM (CDT)	Review not needed	-	-	-
Passed	6775546492	✓	Tractor Inspection PASSED	John Hermes	24-Aug-22 02:42 PM (CDT)	Review not needed	-	-	-
Passed	6774841341	✓	Tractor Inspection PASSED	John Hermes	23-Aug-22 09:13 PM (CDT)	Review not needed	-	-	-

Inspections that had defects will show red in the first column and show when a driver review the defect(s). There is also a Needs Review button allowing you to see the failed inspections that have not yet been reviewed.

Status

Scorecard

Event History

Location History

Video

Jobs

Maintenance

Forms

Reports


Inspections

Alarms

Comments

Library

Configuration



Pedigree - CO - 107
13-Sep 12:45 PM (CDT)
CALAMP LMU 3640 VZW
LTE
24170 Peña Boulevard,
Denver, Colorado 80249,
United States

Ignition Off

4D 1h

Class: SUV

Danielle Neu

1482.92 mi. NW

Share

Needs Review

All

Create Inspection


Pass/Fail	ID	DVIR	Inspection	Inspected By	Inspection Date	Inspection Status	Review Date	Reviewed By	Linked Maintenance
Passed	6790162967	✓	Tractor Inspection PASSED	Danielle Neu	12-Sep-22 11:28 AM (CDT)	Review not needed	-	-	-
Passed	6787444139	✓	Tractor Inspection PASSED	John Hermes	08-Sep-22 05:08 PM (CDT)	Review not needed	-	-	-
Passed	6785426916	✓	Tractor Inspection PASSED	John Hermes	06-Sep-22 02:30 PM (CDT)	Review not needed	-	-	-
Passed	6777314198	✓	Tractor Inspection PASSED	John Hermes	26-Aug-22 12:56 PM (CDT)	Review not needed	-	-	-
Failed - 3 Defect	6777073090	✓	Tractor Inspection FAILED	Ryder Test	26-Aug-22 08:47 AM (CDT)	Reviewed as Corrected	06-Sep-22 03:40 PM (CDT)	John Hermes	1661521631 - Other Safety Equipment , 1661521631 - Other Coupling , 1661521631 - Tractor Other Items , 1408621 , 1408622 , 1408623

Reports

Vehicle Inspection History Report


Run on Drivers or Vehicles to see a history of all inspections done.

- Inspections need to be done when driver is "On Duty, (not driving)".
- Pre-trip inspections need to be done before driving the vehicle.
- Post-trip inspections need to be done after the last driving status of the day while in "On Duty, (not driving)" status.

<div>  <div> <h2>Vehicle Inspection History Report</h2> <div> Time Range: 12:00 AM 07/14/2016 to 12:00 AM 07/22/2016 Generated: 04:15 PM 07/21/2016 </div> </div> </div>									
Driver	Vehicle	Trailer	Inspection Time	Inspection Result	Review Time	Review Result	Item	Note	Review Note
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:41 PM	FAILED			Brake Lines To Trailer	crack in the line	
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:44 PM	FAILED			Tractor Tires	bald right front tire	
Jim Senger	Pedigree - Colorado		Jul 15, 2016, 5:18 PM	FAILED	Jul 20, 2016, 12:42 PM	Defects Corrected	Exhaust	Muffler bracket is loose	Muffler bracket is loose
Jim Senger	Pedigree - Colorado		Jul 20, 2016, 12:44 PM	FAILED			Suspension	left rear shock is broke	
Jim Senger	Pickup 122		Jul 20, 2016, 12:44 PM	PASSED					

Missing Vehicle Inspection Report


Run this report on vehicles or drivers to make sure that inspections are being submitted daily.

<div>  <div> <h2>Missing Vehicle Inspection Report</h2> <div> Time Range: 12:00 AM 03/12/2019 CDT to 12:00 AM 03/20/2019 CDT Generated: 01:45 PM 03/19/2019 CDT </div> </div> </div>					
Driver	Vehicle	Issue	Inspection Window Start	Inspection Window End	Note
Pedigree Trainer	Saturn1	Missing Post-Inspection	Mar 12, 2019 5:38 PM	Mar 12, 2019 6:00 PM	
Pedigree Trainer	AC-10	Missing Post-Inspection	Mar 14, 2019 8:03 AM	Mar 14, 2019 7:05 PM	
Pedigree Trainer	Saturn1	Missing Post-Inspection	Mar 14, 2019 8:03 AM	Mar 14, 2019 7:05 PM	
Pedigree Trainer	AC-10	Missing Post-Inspection	Mar 18, 2019 1:03 PM	Mar 18, 2019 5:01 PM	

Vehicle Inspection Exception Report

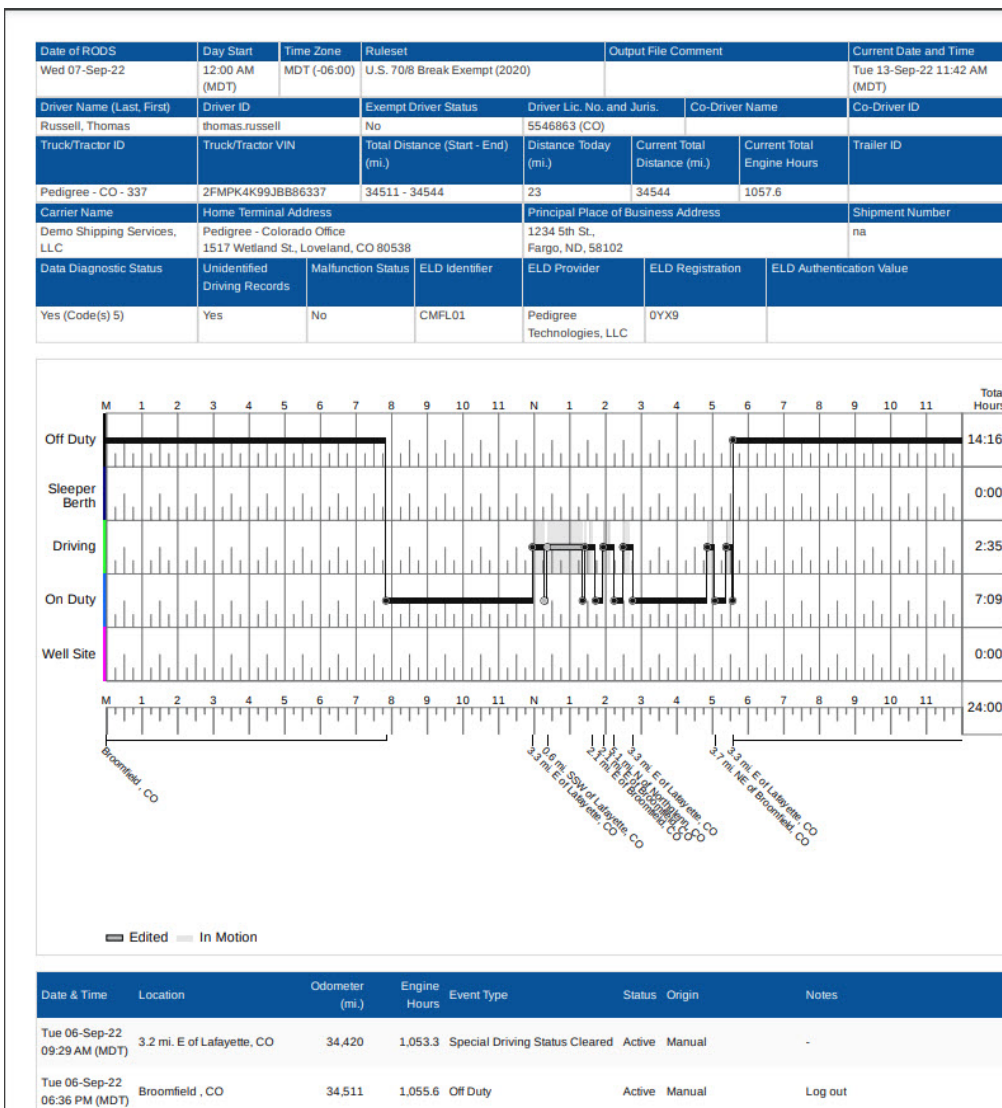
Run this report on vehicles or drivers to see a record of failed inspections, the work done, and the review of the inspection failure.

- Note that this will include information on the work done to fix a failed inspection only if a failed inspection alarm is set to auto generate a maintenance job.

 Vehicle Inspection Exception Report Time Range: 12:00 AM 07/14/2016 to 12:00 AM 07/22/2016 Generated: 04:29 PM 07/21/2016														
Driver	Vehicle	Trailer	Inspection Time	Inspection Result	Fix Time	Job ID	Job Name	Fix Name	Fix Work Done	Review Time	Review Result	Item	Note	Review Note
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:41 PM	FAILED								Brake Lines To Trailer	crack in the line	
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:44 PM	FAILED								Tractor Tires	bald right front tire	
Jim Senger	Pedigree - Colorado		Jul 15, 2016, 5:18 PM	FAILED						Jul 20, 2016, 12:42 PM	Defects Corrected	Exhaust	Muffler bracket is loose	Muffler bracket is loose
Jim Senger	Pedigree - Colorado		Jul 20, 2016, 12:44 PM	FAILED								Suspension	left rear shock is broke	

HOS Log Book Report

Printable/exportable daily HOS logbook.



Vehicle Inspection Notes Report










Run on vehicles or drivers to see inspections that include notes. Passed and failed inspections are included in the report.

 <h3>Vehicle Inspection Notes Report</h3> <div> Time Range: 12:00 AM 06/22/2016 to 12:00 AM 07/22/2016 Generated: 09:03 AM 07/22/2016 </div>									
Driver	Vehicle	Trailer	Inspection Time	Inspection Result	Review Time	Review Result	Item	Note	Review Note
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:41 PM	FAILED			Brake Lines To Trailer	crack in the line	
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:44 PM	FAILED			Tractor Tires	bald right front tire	
Jim Senger	Pedigree - Colorado		Jul 15, 2016, 5:18 PM	FAILED	Jul 20, 2016, 12:42 PM	Defects Corrected	Exhaust	Muffler bracket is loose	Muffler bracket is loose
Jim Senger	Pedigree - Colorado		Jul 20, 2016, 12:44 PM	FAILED			Suspension	left rear shock is broke	

Dashboard Modules













Event Feed Module

Filter the events in this module to show missed inspections and inspection review events on assets and drivers.

Event Feed 				The current module view is different from the published module configuration.  	
Start Time ▼	Event Type and Title		Related To	Duration	
Last 6 months (from today) (17-Mar-22 - 12-	2 selected		x	2 selected	
Wed 07-Sep-22 06:12 PM (CDT)	 DVIR Violation: Missing Post-Inspection		LB Driver, Trailer: 567y	Instant	
Wed 07-Sep-22 06:12 PM (CDT)	 DVIR Violation: Missing Post-Inspection		LB Driver, Tractor: CA 3	Instant	
Tue 06-Sep-22 03:41 PM (CDT)	 Inspection Review: Defects Corrected		John Hermes, Driver: Ryder Test, Tractor: Pedigree - CO - 107	Instant	
Tue 06-Sep-22 03:41 PM (CDT)	 Inspection Review: Defects Corrected		John Hermes, Driver: Ryder Test, Tractor: Pedigree - CO - 107	Instant	
Tue 06-Sep-22 03:40 PM (CDT)	 Inspection Review: Defects Corrected		John Hermes, Driver: Ryder Test, Tractor: Pedigree - CO - 107	Instant	
Tue 06-Sep-22 03:40 PM (CDT)	 Inspection Review: Defects Corrected		John Hermes, Driver: Ryder Test, Tractor: Pedigree - CO - 107	Instant	

DVIR Violation Module

Use this module to view which drivers missed their inspections, and the inspection window they missed.

DVIR Violations					
Driver	Vehicle	Issue	Inspection Window Start	Inspection Window End	Notes
David McCoy (D)	Pedigree - TX - 120	DVIR Violation: Missing Post-Inspection	Mon 12-Sep-22 04:23 PM (CDT) 	Mon 12-Sep-22 06:00 PM (CDT) 	-
Christi Johnson	0001	DVIR Violation: Missing Post-Inspection	Mon 12-Sep-22 04:21 PM (CDT) 	Mon 12-Sep-22 05:49 PM (CDT) 	-
David McCoy (D)	Pedigree - TX - 120	DVIR Violation: Missing Post-Inspection	Fri 09-Sep-22 03:02 PM (CDT) 	Fri 09-Sep-22 05:13 PM (CDT) 	-
LB Driver	567y	DVIR Violation: Missing Post-Inspection	Wed 07-Sep-22 06:12 PM (CDT) 	Wed 07-Sep-22 06:12 PM (CDT) 	-
LB Driver	CA 3	DVIR Violation: Missing Post-Inspection	Wed 07-Sep-22 06:12 PM (CDT) 	Wed 07-Sep-22 06:12 PM (CDT) 	-
Luke Doeling	286	DVIR Violation: Missing Post-Inspection	Tue 06-Sep-22 03:13 PM (CDT) 	Tue 06-Sep-22 05:37 PM (CDT) 	-

Alarms

Failed Inspection Alarm

Set this alarm on vehicles and/or drivers to be sent via email and/or text message and set it to create a maintenance job in the system.

Create Alarm Configuration

Alarm Template*

Inspection Failure

Asset(s)*

Assets

Alarm Config Name*

Inspection Failure

Severity

Notice

Alarm Config Description*

Inspection Failure

Conditions

Notifications

Filters

Workflow

☒ Send Notifications

Notify

Lynette Burgan

By

Email + Text

☐ And

Send A Reminder

Cancel

Save and Close

Compliance Tab




































Missing Inspections – Driver Compliance

Click on the line graph in the DVIR Violations column on any driver from the Driver Compliance module to see the driver's missing inspection windows.

Region Compliance

Driver Compliance

Un

Driver	Region	Compliant Logs	Uncertified Days	HOS Violations	Form & Manner Violations	DVIR Violations ▼
Luke Doeling 	Demo	68% 	7 	44 	1 	47 
Thomas Russell 	Demo	78% 	0 	46 	4 	31 
John Hermes 	Demo	90% 	7 	1 	3 	16 
David McCoy (D) 	Demo	88% 	1 	2 	9 	10 
Jim Senger 	Demo	92% 	4 	7 	1 	7 
Russ Roberts 	Demo	45% 	96 	2 	4 	7 

DVIR Violations for Demo Shipping Services, LLC > Users > Drivers > John Hermes					
Driver	Vehicle	Issue	Inspection Window Start	Inspection Window End	Notes
John Hermes	Pedigree - CO - 107	DVIR Violation: Missing Inspection Review	Wed 24-Aug-22 09:00 AM (CDT)	Wed 24-Aug-22 11:21 AM (CDT)	-
John Hermes	Pedigree - CO - 107	DVIR Violation: Missing Post-Inspection	Fri 01-Jul-22 05:13 PM (CDT)	Fri 01-Jul-22 05:13 PM (CDT)	Inspection not completed during On Duty.
John Hermes	Pedigree - CO - 107	DVIR Violation: Missing Pre-Inspection	Thu 02-Jun-22 08:05 AM (CDT)	Thu 02-Jun-22 09:52 AM (CDT)	Inspection completed after start of Driving.
John Hermes	Pedigree - CO - 107	DVIR Violation: Missing Post-Inspection	Wed 01-Jun-22 02:08 PM (CDT)	Wed 01-Jun-22 03:00 PM (CDT)	-
John Hermes	Pedigree - CO - 107	DVIR Violation: Missing Pre-Inspection	Wed 01-Jun-22 05:30 AM (CDT)	Wed 01-Jun-22 06:29 AM (CDT)	-
John Hermes	Pedigree - CO - 107	DVIR Violation: Missing Post-Inspection	Tue 31-May-22 01:34 PM (CDT)	Tue 31-May-22 05:00 PM (CDT)	-
John Hermes	Pedigree - CO - 107	DVIR Violation: Missing Pre-Inspection	Tue 31-May-22 09:00 AM (CDT)	Tue 31-May-22 09:20 AM (CDT)	-

Driver Log Book

Inspection Event in Log Table

The inspection forms that have been submitted on the driver's tablet will appear in the driver's log records in OneView.

04:49 PM (MDT)	Tractor Inspection	Pedigree - CO - 107						Tractor Inspection PASSED	
04:13 PM (MDT)	Off Duty	Fort Collins, CO	Pedigree - CO - 107	69,484	1,921.1	-	na	end day	Manual
04:13 PM (MDT)	DVIR Violation							DVIR Violation: Missing Post-Inspection	
02:04 PM (MDT)	Tractor Inspection	Pedigree - CO - 107						Tractor Inspection PASSED	
01:02 PM (MDT)	Driving	2.3 mi. SSE of Fort Collins, CO	Pedigree - CO - 107	69,484	1,921.4	-	na		Automatic
	On Duty Not	2.3 mi. SSE of Fort Collins	Pedigree - CO -						

Driver Log Time

Make sure a driver has adequate On Duty, Not Driving time on their log for their pre-trip and post-trip inspections.

