

# Vehicle Inspection Report (DVIR) - Workflow

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Intelligent Vehicle Gateway - (IVG)

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### Objectives

This document will provide instructions for drivers on how to utilize the in cab electronic Driver Vehicle Inspection Report (DVIR) application for the IVG unit. Instructions include how to complete a DVIR that identifies a major/minor defect or no defects on the tractor or trailer. It also shows how to record a major defect that has been repaired and how to send a copy of the DVIR via fax or email.

### Firmware Requirements

The IVG units discussed in this document require the following firmware or higher to perform efficiently:

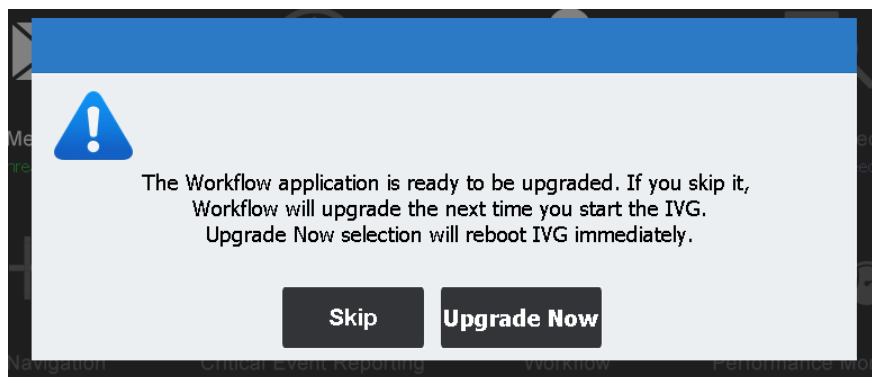
- Suggest firmware – IVG – DA03XXX
- Current DVIR IVG template

### Notes

- A copy of Schedule 1 (January 2015) must be kept in the vehicle at all times - Attachment #2
- There should only be 1 major defect recorded per DVIR. If multiple major defects are found, then multiple DVIR's need to be created. A DVIR can have only 1 major defect, but can have more than 1 minor defect identified.

### Deploying the IVG template to the Unit

When deploying the IVG template to the unit, the message window below may appear on the unit:

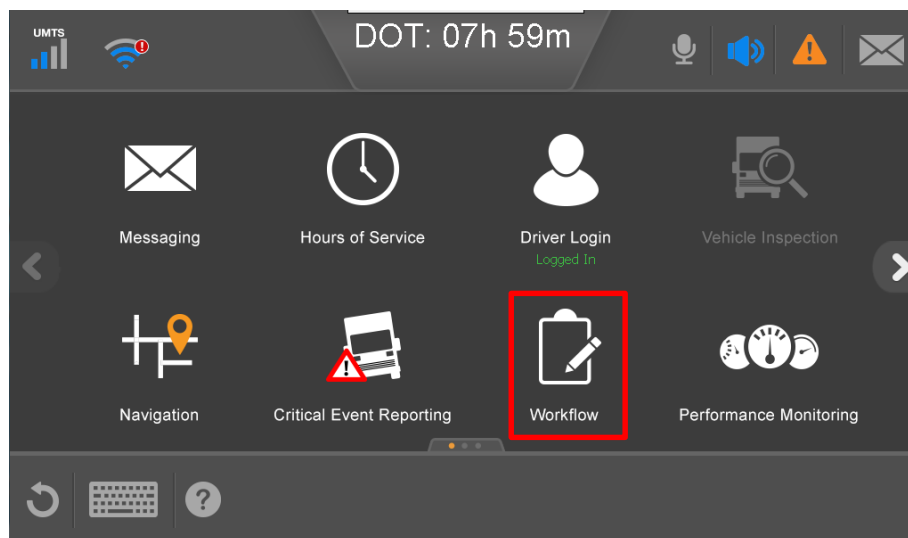


If the system gives the user the opportunity to *Upgrade Now* or *Skip* the reboot, it is highly recommended that the user select *Upgrade Now* to allow the unit to reboot and deploy the template.

## Create a Daily Vehicle Inspection Report (DVIR)- IVG

A Vehicle Inspection Report (DVIR) must be completed every 24 hours for a truck and trailer. If a driver changes a trailer during his shift, another DVIR must be done on the new trailer. If the driver finds more than 1 major defects during an inspection, then multiple DVIR's need to be created. A DVIR can have only one major defect, but it can have more than 1 minor defect listed.

1. Driver must be logged on to the IVG unit in the cab or the Workflow icon will not be active
2. Select the Workflow Icon from the bottom row



4. From the Workflow menu select the *DVIR* tab

On the *DVIR* tab, tap the *Driver Vehicle Inspection Form* option, then tap the *Select* button in the bottom right corner of the screen.

## Vehicle Inspection Report (DVIR) - Workflow

UMTS DOT: 07h 59m Workflow

Trip Plan Pre-Plan **DVIR** History

**Driver Vehicle Inspection Form**

Driver Vehicle Inspect Report 1

Driver Vehicle Inspect Report 2

Driver Vehicle Inspect Report 3

Driver Vehicle Inspect Report 4

Driver Vehicle Inspect Report 5

Driver Vehicle Inspection Request

Select

5. On the Driver Vehicle Inspection Form, the driver will identify which piece of equipment that has been inspected and if any defects were identified in accordance to Schedule 1.

**Driver Vehicle Inspection Form**

Tractor Inspected ☐ Yes ☐ No

Trailer 1 Inspected ☐ Yes ☐ No

Trailer 2 Inspected ☐ Yes ☐ No

TR3/Converter Inspected ☐ Yes ☐ No

Defects Found ☐ Yes ☐ No

Equipment ID Plate No Plate Province

Trailer 1

## No Defect(s) Found

Inspection of the tractor, trailer or converter has been completed and no defects were found.

At the bottom of the Driver Vehicle Inspection Form screen are 2 buttons:

- Done – once the template is complete, select Done to log the DVIR
- Cancel – to get out of the Driver Vehicle Inspection Screen. The system will ask for a confirmation. Select Yes.

1. Identify which piece of equipment was inspected by tapping Yes or No . Each piece **must** have a Yes or No selected. Tap No for button Defects Found.

The screenshot shows the 'Driver Vehicle Inspection Form' screen. At the top, there's a status bar with 'UMTS', a signal strength indicator, a battery icon, and a time display 'DOT: 07h 58m'. Below this is a 'Workflow' bar. The main form area has a title 'Driver Vehicle Inspection Form'. It contains several rows of inspection items, each with a radio button for 'Yes' and 'No'. The items are: Tractor Inspected, Trailer 1 Inspected, Trailer 2 Inspected, TR3/Converter Inspected, and Defects Found. The 'Defects Found' row is highlighted with a red box. Below these items is a table with columns: Equipment, ID, Plate No, and Plate Province. The first row of the table is 'Trailer 1'. At the bottom of the screen, there are two buttons: 'Cancel' and 'Done'.

2. Use the scroll bars on the right to move down the screen until the Equipment ID field becomes visible. Input the *Equipment ID*, *Plate No* and the *Plate Province* for each inspected piece of equipment.

The screenshot shows the 'Driver Vehicle Inspection Form' screen, scrolled down. The 'Defects Found' field is still visible. Below it is a table with columns: Equipment, ID, Plate No, and Plate Province. The table has three rows: 'Trailer 1', 'Trailer 2', and 'TR3/Converter'. Each row has input fields for the ID, Plate No, and Plate Province. A red box highlights the entire table area. At the bottom of the screen, there are two buttons: 'Cancel' and 'Done'.

## Vehicle Inspection Report (DVIR) - Workflow

3. Use the scroll bars on the right to move to the bottom of the form. Identify the *Type of Inspection* that is being done and select Yes for the *Vehicle Safe to Operate* option.

UMTS Signal Wi-Fi DOT: 07h 57m Workflow Microphone Speaker Warning Email

**Driver Vehicle Inspection Form**

Type of Inspection ☐ Pre-Trip ☐ Post-Trip

Vehicle Safe to Operate ☐ Yes ☐ No

☐ CTPAT 17-Point Compliant Inspection

☐ Food Safety Inspection Checklist

I declare that the equipment(s) shown have been inspected in accordance with Schedule 1 and all applicable regulations

☐ I Agree

Cancel Done

4. Depending upon your business requirements, tap the box to identify if either of the following inspections were completed:
  - a. CTPAT 17-Point Compliant Inspection and/or
  - b. Food Safety Inspection Checklist
5. Complete the DVIR process by tapping the *Agree* field to acknowledge that the inspection has been done and then tap the *Done* button.

UMTS Signal Wi-Fi DOT: 07h 57m Workflow Microphone Speaker Warning Email

**Driver Vehicle Inspection Form**

Type of Inspection ☐ Pre-Trip ☐ Post-Trip

Vehicle Safe to Operate ☐ Yes ☐ No

☐ CTPAT 17-Point Compliant Inspection

☐ Food Safety Inspection Checklist

I declare that the equipment(s) shown have been inspected in accordance with Schedule 1 and all applicable regulations

☐ I Agree

Cancel Done

### Defect(s) Found

Inspection of the tractor and trailer has been completed and either a major or minor defect has been identified.

1. Identify which piece of equipment was inspected by tapping **Yes** or **No** . Each piece **must** have a **Yes** or **No** selected.
2. Tap **Yes** for the *Defects Found* button.

UMTS 1 1 1 1

DOT: 07h 58m

Workflow

**Driver Vehicle Inspection Form**

Tractor Inspected	<input type="radio"/> Yes	<input type="radio"/> No
Trailer 1 Inspected	<input type="radio"/> Yes	<input type="radio"/> No
Trailer 2 Inspected	<input type="radio"/> Yes	<input type="radio"/> No
TR3/Converter Inspected	<input type="radio"/> Yes	<input type="radio"/> No
Defects Found	<input type="radio"/> Yes	<input type="radio"/> No

Equipment	ID	Plate No	Plate Province
Trailer 1	<input type="text"/>	<input type="text"/>	<input type="text"/>

3. Use the scroll bars on the right to move down the screen until the Equipment ID field becomes visible. Input the *Equipment ID*, *Plate No* and the *Plate Province* for each inspected piece of equipment.

UMTS 1 1 1 1

DOT: 07h 57m

Workflow

**Driver Vehicle Inspection Form**

TR3/Converter Inspected	<input type="radio"/> Yes	<input type="radio"/> No
Defects Found	<input type="radio"/> Yes	<input type="radio"/> No

Equipment	ID	Plate No	Plate Province
Trailer 1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Trailer 2	<input type="text"/>	<input type="text"/>	<input type="text"/>
TR3/Converter	<input type="text"/>	<input type="text"/>	<input type="text"/>



## Vehicle Inspection Report (DVIR) - Workflow

- Using the scroll bars at the right side, move down the screen until the Code field becomes visible.
- Tap in the *Code* field. Using the paper copy of the Schedule 1 as a reference, input the defect code.  
Complete the *Equipment* and *Comments* fields by tapping in each field. The *Comments* field is freeform allowing the drivers to provide more detail about the defect.

UMTS 7:02 AM Workflow

**Driver Vehicle Inspection Form**

Trailer 1  
Trailer 2  
TR3/Converter

Code Comments Equipment

Tractor  
Tractor  
Tractor

Cancel Done

- Click on the drop down arrow in the *Equipment* field and a drop down menu will appear to allow the driver to select Trailer 1, Trailer 2 or TR3/Converter.  
The *Code*, *Comments* and *Equipment* fields are mandatory and the system will not let the DVIR be saved until they are completed.

UMTS 7:02 AM Workflow

**Driver Vehicle Inspection Form**

Code Comments Equipment

Tractor  
Trailer 1  
Trailer 2  
TR3/Converter

Type of Inspection ☐ Pre-Trip ☐ Post-Trip

Vehicle Safe to Operate ☐ Yes ☐ No

☐ CTPAT 17-Point Compliant Inspection

Cancel Done

## Vehicle Inspection Report (DVIR) - Workflow

7. Use the scroll bars on the right to move to the bottom of the form. Identify the *Type of Inspection* that is being done and for the field *Vehicle Safe to Operate* select:
  - Yes - for a minor defect OR
  - No - for a major defect

UMTS DOT: 07h 57m

Workflow

**Driver Vehicle Inspection Form**

Type of Inspection ☐ Pre-Trip ☐ Post-Trip

Vehicle Safe to Operate ☐ Yes ☐ No

☐ CTPAT 17-Point Compliant Inspection

☐ Food Safety Inspection Checklist

I declare that the equipment(s) shown have been inspected in accordance with Schedule 1 and all applicable regulations

☐ I Agree

Cancel Done

8. Depending upon your business requirements tap the box to identify if either of the following inspections were completed:
  - A CTPAT 17-Point Compliant Inspection and/or
  - Food Safety Inspection Checklist
9. Complete the DVIR process by tapping the *Agree* field to acknowledge that the inspection has been done and then tap the Done button.

UMTS DOT: 07h 57m

Workflow

**Driver Vehicle Inspection Form**

Type of Inspection ☐ Pre-Trip ☐ Post-Trip

Vehicle Safe to Operate ☐ Yes ☐ No

☐ CTPAT 17-Point Compliant Inspection

☐ Food Safety Inspection Checklist

I declare that the equipment(s) shown have been inspected in accordance with Schedule 1 and all applicable regulations

☐ I Agree

Cancel Done

## View or Update a Vehicle Inspection Report (DVIR) - IVG

### Viewing a Completed Vehicle Inspection Report (DVIR)

1. When a DVIR is completed, a copy is sent to the portal and a copy is retained on the in-cab unit. The IVG unit will hold 5 DVIR's. On the DVIR tab in the Workflow screen, there are 5 positions where the completed DVIR's can land.

UMTS 7:04 AM Workflow

Trip Plan Pre-Plan DVIR History

Driver Vehicle Inspection Form

Driver Vehicle Inspect Report 1
Driver Vehicle Inspect Report 2
Driver Vehicle Inspect Report 3
Driver Vehicle Inspect Report 4
Driver Vehicle Inspect Report 5
Driver Vehicle Inspection Request

Refresh Keyboard Help Select

2. When the IVG template is initially deployed to the unit, the first completed DVIR will be put in position 1, the second completed DVIR will be put in position 2. This continues up to 5 and then the sixth completed DVIR will replace the current DVIR in position 1. The seventh one will land in position 2; the eighth will land in position 3. This process will continue as DVIR's are completed.
3. The way to determine when a DVIR was completed is to open it and check the date and time at the top of the screen.

UMTS 9:11 AM Workflow

Driver Vehicle Inspection Report - 3/7/2017 8:47:44 AM

Driver ID	JADOE
Driver Name	JANE DOE
Company Name	SHAW TRACKING
Company Address	2055 Flavelle BLVD, Mississauga, Ontario K1G 6T
Odometer	0 km
Tractor Inspected	true
Trailer 1 Inspected	true

Refresh Keyboard Help Cancel Done

## Vehicle Inspection Report (DVIR) - Workflow

If an Inspector/Officer stops the truck and requests the driver produce a copy of their current DVIR, the driver will need to check each Driver Vehicle Inspection Report position for their last DVIR.

1. From the Workflow menu select the DVIR tab. Tap Driver Vehicle Inspection Report position 1 through 5 in turn to find the last completed DVIR and then tap the *Select* button in the bottom right of the screen.

The screenshot shows the 'Workflow' menu with the 'DVIR' tab selected. The 'Driver Vehicle Inspection Form' is displayed, listing five 'Driver Vehicle Inspect Report' positions (1 through 5) and a 'Driver Vehicle Inspection Request' position. A red bracket highlights the first five report positions. At the bottom right, a 'Select' button is highlighted with a red box. The top status bar shows 'DOT: 07h 59m' and 'Workflow'.

2. This will take you to a screen that shows the details of the DVIR. The Inspector can view the details on the unit using the scroll bars on the right.

The screenshot shows the 'Driver Vehicle Inspection Report - 3/7/2017 7:33:02 AM' screen. The report details are as follows:

Driver ID	JADOE
Driver Name	JANE DOE
Company Name	Tech Support Group
Company Address	22 West Front Street , Toronto, Ontario N9G 5N9
Odometer	0 km
Tractor Inspected	true
Trailer 1 Inspected	true

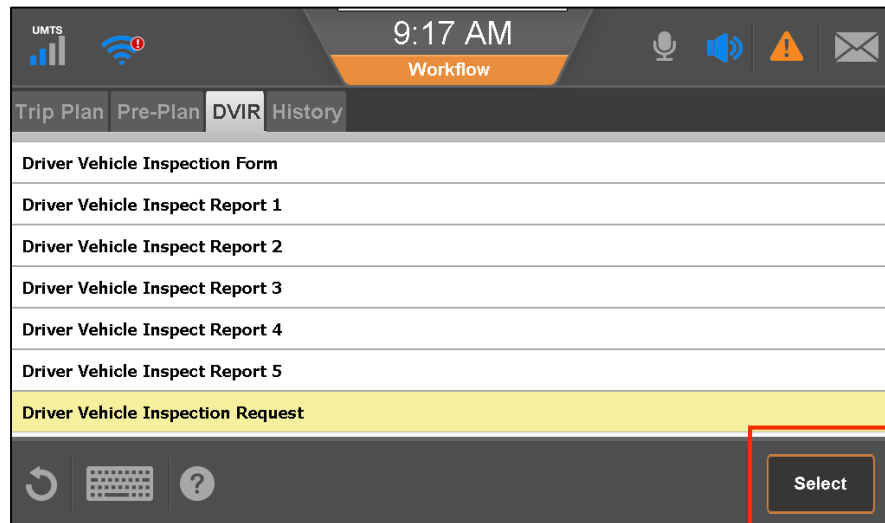
At the bottom left, a back arrow icon is highlighted with a red box. At the bottom right, 'Cancel' and 'Done' buttons are visible, with 'Cancel' highlighted by a red box. The top status bar shows '7:44 AM' and 'Workflow'.

1. To return to the Workflow menu tap the back arrow in the bottom left corner of the screen once or select the *Cancel* button, then *Yes* to confirm the cancel.

### Updating a Vehicle Inspection Report (DVIR) when a Defect has been Fixed

There will be times when a driver will initiate a fix for an identified major defect. When the work has been completed the driver can update the DVIR with the details on the IVG unit in the cab.

1. From the Workflow menu select the DVIR tab; tap Driver Vehicle Inspection Report option, then tap the Select button in the bottom right of the screen.



2. Use the scroll bars on the right to move the screen down until the Defects Fixed title becomes visible.

A screenshot of the 'Driver Vehicle Inspection Report - 3/7/2017 8:47:44 AM' form. The form has a title bar with 'Workflow' and the time '9:12 AM'. The form fields are: 'Vehicle Safe to Operate' with value 'true', 'Defects Fixed' (empty), 'Vendor' (empty), 'Mechanic' (empty), and 'Work Order No' (empty). On the right side, there is a vertical scrollbar. At the bottom, there are icons for refresh, keyboard, and help, and two buttons: 'Cancel' and 'Done'.

## Vehicle Inspection Report (DVIR) - Workflow

3. Enter the Vendor, Mechanic and Work Order number fields with the appropriate data. Tap *Done* button to complete the update.

UMTS 9:14 AM Workflow

Driver Vehicle Inspection Report - 3/7/2017 8:47:44 AM

Vehicle Safe to Operate true

Defects Fixed

Vendor Hartley Truck Repair

Mechanic Hartley

Work Order No KL45893

Cancel Done

4. To check the fix information, select the fixed DVIR from the DVIR tab in the Workflow menu. Use the scroll bars on the right to move down the screen until the Defects Fixed field appears.

Note: Fix information will always appear below the boxes.

UMTS 9:16 AM Workflow

Driver Vehicle Inspection Report - 3/7/2017 8:47:44 AM

Defects Fixed Yes

Vendor Hartley Truck Repair

Mechanic Hartley

Work Order No KL45893

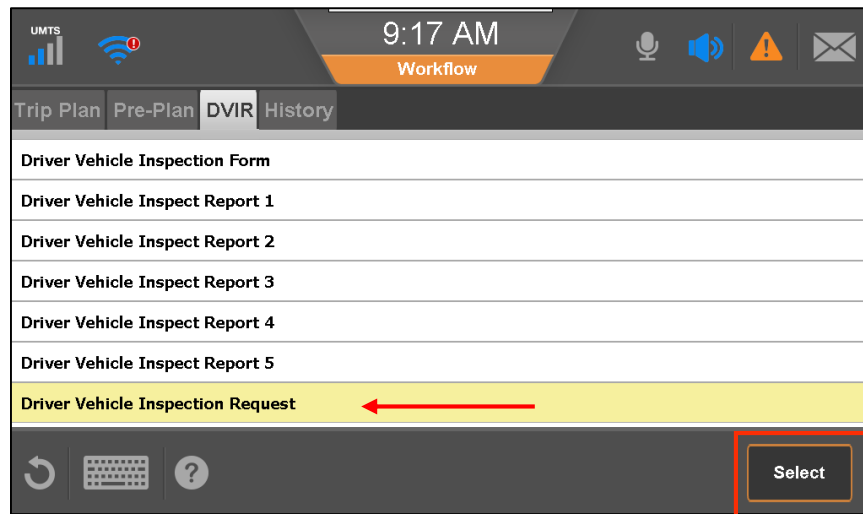
Cancel Done

2. Select the *Cancel* button, then *Yes* to return to the DVIR tab on the Workflow menu.

### Email/Fax a Completed Vehicle Inspection Report (DVIR) - IVG

If an Inspector/Officer requests to see the current DVIR, a driver can provide them with the IVG unit for viewing. If they request a copy of the current DVIR, this can be done from the Driver Vehicle Inspection Request option on the DVIR tab.

1. From the DVIR tab on the Workflow menu; tap Driver Vehicle Inspection Request option, then tap the *Select* button in the bottom right of the screen.



2. On the Driver Vehicle Inspection Request screen the driver can input the badge # or name of the Officer in the mandatory *Attention To* field. Then they can input either the *Email Address* or *Fax* number of the DVIR recipient. The Fax number only requires 10 digits, even if it is a long distance number.


A screenshot of the 'Driver Vehicle Inspection Request' form. The title 'Driver Vehicle Inspection Request' is at the top. Below it are three input fields labeled 'Attention To:', 'Email Address:', and 'Fax:'. At the bottom, there are icons for refresh, keyboard, and help, and two buttons: 'Cancel' and 'Done'. The 'Done' button is highlighted with a red box.

3. Tap *Done* button to complete the process. This will take you back to the Inspections tab on the Workflow menu.

## **Attachments**

- 1) Sample of Vehicle Inspection Report (DVIR) with Defect and Fix**





SHAW TRACKING  
2055 Flavelle BLVD  
Mississauga, Ontario K1G 6T8

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**Daily Vehicle Inspection Report**

**Date** 2017-03-08 10:02 AM  
**Driver ID** JADOE  
**Driver Name** JANE DOE  
**Location** Mississauga, ON  
**Inspections** ☒ Tractor ☒ Trailer 1 ☐ Trailer 2 ☐ TR3/Converter

**Vehicle and Converter Info**

**Odometer** 0 km  
**Vehicle ID** 307 **TR3/Converter ID**  
**Vehicle Plate No** 156801PR **TR3/Converter Plate No**  
**Vehicle Plate Jurisdiction** Ontario **TR3/Converter Plate Jurisdiction**

**Trailers Info**

**Trailer 1 ID** 76219 **Trailer 2 ID**  
**Trailer Plate No** JK8538 **Trailer 2 Plate No**  
**Trailer Plate Jurisdiction** Ont **Trailer 2 Plate Jurisdiction**

**Defects**

Equipment	Code	Defect Type	Description	Comments
tractor	7.1	Driver Seat	seat is damaged or fails to remain in set position	bolt missing-seat moves
<b>Mechanic</b>	Hartley	<b>Work Order No</b>	KL4895	<b>Vendor</b> Hartley Truck Repair

Vehicle is safe to operate ☒ Yes

☒ C-TPAT 17 point compliant ☐ Food Safety Checklist

☒ Pre-Trip ☐ Post-Trip

☒ I declare that the equipment shown has been inspected in accordance with Schedule 1 and all applicable regulations.

JANE DOE

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JANE DOE

## 2) Schedule 1 - Revised Jan 2015



### Schedule 1 Daily Inspection of Truck, Tractors and Trailers

## Vehicle Inspection Report (DVIR) - Workflow

<b>AIR BRAKE SYSTEM</b>		<b>16</b>	<b>HORN</b>
1.1	Audible air leak	16.1	Vehicle has no operative horn
1.2	Slow air pressure build-up rate.	<b>17</b>	<b>HYDRAULIC BRAKE SYSTEM</b>
<b>1.3 M</b>	<b>Pushrod stroke of any brake exceeds the adjustment limit</b>	17.1	Brake fluid is below indicated minimum level
<b>1.4 M</b>	<b>Air loss rate exceeds prescribed limit</b>	<b>17.2M</b>	<b>Brake boost or power assist not operative</b>
<b>1.5 M</b>	<b>Inoperative towing vehicle (tractor) protection system.</b>	<b>17.3M</b>	<b>Brake fluid leak</b>
<b>1.6 M</b>	<b>Low air warning system fails or system is activated.</b>	<b>17.4M</b>	<b>Brake pedal fade or insufficient brake pedal reserve</b>
<b>1.7 M</b>	<b>Inoperative service, parking or emergency brake.</b>	<b>17.5M</b>	<b>Activated (other than ABS) warning device</b>
<b>2</b>	<b>CAB</b>	<b>17.6M</b>	<b>Brake fluid reservoir is less than 1/4 full</b>
2.1	Occupant compartment door fails to open.	<b>17.7M</b>	<b>Parking brake is inoperative</b>
<b>2.2M</b>	<b>Any door fails to close securely</b>	<b>18</b>	<b>LAMPS AND REFLECTORS</b>
<b>3</b>	<b>CARGO SECUREMENT</b>	18.1	Required lamp does not function as intended
3.1	Insecure or improper load covering	18.2	Required reflector is missing or partially missing
<b>3.2M</b>	<b>Insecure cargo</b>	<i>When use of lamps is required</i>	
<b>3.3M</b>	<b>Absence, failure, malfunction or deterioration of required cargo securement device or load covering</b>	<b>18.3M</b>	<b>Failure of both low-beam headlamps</b>
<b>4</b>	<b>COUPLING DEVICES</b>	<b>18.4M</b>	<b>Failure of both rearmost tail lamps</b>
4.1	Coupler or mounting has loose or missing fastener	<i>At all times</i>	
<b>4.2M</b>	<b>Coupler is insecure or movement exceeds prescribed limit</b>	<b>18.5M</b>	<b>Failure of rearmost turn-indicator lamp</b>
<b>4.3M</b>	<b>Coupling or locking mechanism is damaged or fails to lock</b>	<b>18.6M</b>	<b>Failure of both rearmost brake lamps</b>
<b>4.4M</b>	<b>Defective, incorrect or missing safety chain or cable</b>	<b>19</b>	<b>STEERING</b>
<b>5</b>	<b>DANGEROUS GOODS</b>	19.1	Steering wheel lash (free-play) is greater than normal
<b>5.1M</b>	<b>Dangerous goods requirements not met</b>	<b>19.2M</b>	<b>Steering wheel is insecure</b>
<b>6</b>	<b>DRIVER CONTROLS</b>	<b>19.3M</b>	<b>Steering wheel lash (free-play) exceeds prescribed limit</b>
6.1	Accelerator pedal, clutch, gauges, audible and visual indicator or instruments fail to function properly	<b>20</b>	<b>SUSPENSION SYSTEM</b>
<b>7</b>	<b>DRIVER SEAT</b>	20.1	Air leak in suspension system
7.1	Seat is damaged or fails to remain in set position	20.2	A broken spring leaf
<b>7.2M</b>	<b>Seatbelt or tether belt is insecure, missing or malfunctions</b>	20.3	Suspension fastener is loose, missing or broken
<b>8</b>	<b>ELECTRIC BRAKE SYSTEM</b>	<b>20.4M</b>	<b>Damaged (patched, cut, bruised, cracked to braid or deflated) air bag or insecurely mounted air bag</b>
8.1	Loose or insecure wiring or electrical connection	<b>20.5M</b>	<b>Cracked or broken main spring leaf or more than one broken spring leaf</b>
<b>8.2M</b>	<b>Inoperative breakaway device</b>	<b>20.6M</b>	<b>Part of spring leaf or suspension is missing, shifted out of place or is in contact with another vehicle component</b>
<b>8.3M</b>	<b>Inoperative brake</b>	<b>20.7M</b>	<b>Loose U-bolt</b>
<b>9</b>	<b>EMERGENCY EQUIPMENT &amp; SAFETY DEVICES</b>	<b>21</b>	<b>TIRES</b>
9.1	Emergency equipment is missing, damaged or defective	21.1	Damaged tread or sidewall of tire
<b>10</b>	<b>EXHAUST SYSTEM</b>	21.2	Tire leaking, if leak cannot be heard
10.1	Exhaust Leak, except as described as Major Defect	<b>21.3M</b>	<b>Flat tire</b>
<b>10.2M</b>	<b>Leak that causes exhaust gas to enter the occupant compartment</b>	<b>21.4M</b>	<b>Tire leaking, if leak can be heard</b>
<b>11</b>	<b>FRAME AND CARGO BODY</b>	<b>21.5M</b>	<b>Tire tread depth is less than wear limit</b>
11.1	Damaged frame or cargo body	<b>21.6M</b>	<b>Tire is in contact with another tire or any vehicle component other than mud-flap</b>
<b>11.2M</b>	<b>Visibly shifted, cracked. Collapsing or sagging frame member</b>	<b>21.7M</b>	<b>Tire is marked "Not for highway use"</b>
<b>12</b>	<b>FUEL SYSTEM</b>	<b>21.8M</b>	<b>Tire has exposed cords in the tread or outer sidewall area</b>
12.1	Missing fuel tank cap	<b>22</b>	<b>WHEELS, HUBS AND FASTENERS</b>
<b>12.2M</b>	<b>Insecure fuel tank</b>	22.1	Hub oil below minimum level (when fitted with sight glass)
<b>12.3M</b>	<b>Dripping fuel tank</b>	22.2	Leaking wheel seal
<b>13</b>	<b>GENERAL</b>	<b>22.3M</b>	<b>Wheel has loose, missing or ineffective fastener</b>
<b>13.1M</b>	<b>Serious damage or deterioration that is noticeable and may affect the vehicle's safe operation</b>	<b>22.4M</b>	<b>Damaged, cracked or broken wheel, rim or attaching part</b>
<b>14</b>	<b>GLASS AND MIRRORS</b>	<b>22.5M</b>	<b>Evidence of imminent wheel, hub or bearing failure</b>
14.1	Required mirror or window glass fails to provide the required view to the driver as a result of being cracked, broken, damaged, missing or maladjusted	<b>23</b>	<b>WINDSHIELD WIPER / WASHER</b>
14.2	Required mirror or glass has broken or damaged attachments onto vehicle body	23.1	Control or system malfunction
		23.2	Wiper blade is damaged, missing or fails to adequately clear driver's field of vision
		<i>When use of wipers or washer is required</i>	

## Vehicle Inspection Report (DVIR) - Workflow

<b>15</b>	<b>HEATER / DEFROSTER</b>	<b>23.3M</b>	<b>Wiper or washer fails to adequately clear driver's field of vision in area swept by driver's side wiper</b>
15.1	Control or system failure	50 – Other Minor 50M – Other Major	
<b>15.2M</b>	<b>Defroster fails to provide unobstructed view through the windshield</b>		
		O. Reg. 199/07, Schedule. 1; O. Reg. 242/14, s. 9.	

## Help and Support

For further information or help on the DVIR process using an IVG unit, contact our Application Support Center at

**1.800.863.9191, option # 2**

OR

[Tracking24HourSupport@ShawTracking.ca](mailto:Tracking24HourSupport@ShawTracking.ca)