

# SAFETY RECALL BULLETIN

## NHTSA RECALL 21V030

AUTOCAR, LLC SAFETY RECALL ACX-2101



March, 2021

### ATTENTION:

Service Managers / Parts Managers.

### SUBJECT:

Autocar has determined that a safety defect may exist in the routing of the seat belt wiring harness on certain 2018-2021 model year Xpeditor® vehicles. The seat belt wiring harness routing may be too close to the seat mechanism and may chafe, if the harness becomes chafed and short circuits, the circuit protection fuse will open, and the engine will shut off and not restart.

**Note:** *This recall applies to left drive, right drive, and dual drive sit-down seating applications with suspension type seating. The repair time allowance is applicable to left, right or both. Stand-up drive and fixed position seating positions are not included or suspect under this recall.*

### SAFETY RECALL INFORMATION:

This document provides work instructions to inspect, repair or route the seat belt wiring harness(s).

### VEHICLES AFFECTED:

There are 3196 units manufactured after September 1, 2017. To determine if a vehicle is affected by this Recall, log in to the Autocar Warranty Management System at [www.autocartruck.com](http://www.autocartruck.com). From the main menu, select "View Recalls/Service Programs" and look for the Autocar recall number above. An excel file will be accessible with the VIN list of affected vehicles. Alternatively, to determine if a single vehicle is affected, select "VIN Profile" from the main menu in the Autocar Warranty Management System. In the "Chassis Number" field, enter the last 6 of the VIN. Once the VIN profile is displayed, scroll down to the "Recall/Service Program Information" section to determine if the Recall is open.

### SERVICE RESPONSIBILITY:

Service sites must perform this recall on affected vehicles at no charge to the owner regardless of vehicle mileage, age, or ownership. If a vehicle affected by this recall is taken into or is currently in your vehicle inventory, or at your center for service, you must perform this Recall before the vehicle is sold or released to the owner.

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### REQUIRED PARTS:

Cable ties (obtain locally).

### CLAIM CODING INFORMATION:

Repair Number (Op Code)	Time Allowance (SRT)	Description
85208-0-28	.60 HR	Seat Belt Wiring Harness

### SAFETY NOTICES:



#### WARNING

Allow the vehicle's engine and cooling system to cool to ambient temperature before performing the repair procedure. A hot engine or cooling assembly may cause burns or other personal injury.



#### WARNING

Never rely on the hydraulic pressure to hold the cab in an open position. Always use the safety pin in the cab tilt lock tube to prevent serious personal injury or death.



#### WARNING

To prevent eye injury, always wear eye protection when performing vehicle maintenance, service or inspection.



#### WARNING

Before working on a vehicle, set the parking brake, place the transmission in neutral and block the wheels. Failure to do so can result in unexpected vehicle movement and can cause serious personal injury or death.

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#### Working on CNG/LNG Trucks

### SAFETY INSTRUCTIONS

If you store or dispense Compressed Natural Gas (CNG) or Liquefied Natural Gas (LNG), or if you work on CNG or LNG trucks, your location must be fully compliant with applicable codes, regulations and standards, including National Fire Protection Associate (NFPA) codes, Society of Automotive Engineers (SAE) standards, American National Standards Institute (ANSI) Natural Gas Vehicle (NGV) standards, the United States Code of Federal Regulations (CFR) and your state and local fire and other applicable codes (including, for example, the California Code of Regulations and the Texas Administrative Code).

Contact your local fire department for guidance and additional compliance information.

Technicians working on Autocar trucks with CNG or LNG engines must be trained in the proper repair of CNG and LNG trucks and engines and the safe storage and dispensing of CNG and LNG.

#### Working on CNG Fuel Systems



### WARNING

CNG fuel systems include a high pressure (3600 psi) system for fuel storage and a low pressure system (125 psi) for consumption by the engine. Understanding the characteristics of CNG and how the fuel system works will prevent injury and damage to persons and property.

Attempting to operate or maintain any CNG fuel system without proper training is dangerous. Complete training and consult instructional bulletins from the CNG system suppliers, such as Agility Fuel Systems' Field Service Bulletin, *Safely Working on CNG Fuel Systems*.

#### Welding and Hot Work Near CNG and LNG Trucks



### WARNING

Welding, grinding, and other "hot work" can be safely performed on or near a CNG or LNG vehicle, but certain precautions must be followed. Understand and perform the necessary precautions provided by the CNG system suppliers, such as Agility Fuel Systems' Field Service Bulletin, *Welding and Hot Work Precautions Near CNG and LNG Vehicles*.

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#### CNG Cylinders



#### WARNING

CNG fuel containers must meet Federal Motor Vehicle Safety Standard (FMVSS) 304 (Compressed Natural Gas Fuel Container Integrity) and/or ANSI/CSANGV2 (Basic Requirements for Compressed Natural Gas Vehicle Fuel Containers). Both standards specify a detailed visual examination every three years.

Truck owners are required to complete all necessary inspections, in accordance with the applicable standards and other resources, such as the Clean Vehicle Education Foundation and NGV America's Compressed Natural Gas (CNG) Container Visual Inspection Advisory.

FMVSS 304 also requires that cylinders not be used after the end of life (EOL) date provided on the tank label. The EOL date is also displayed in the engine compartment and at the fueling connection of each truck. If there are any question as to proper decommissioning of a cylinder, contact the manufacturer, whose name and address is also required to be on the label.

#### CNG Fuel Container Pressure Relief Devices (PRDs)



#### WARNING

PRDs must be properly maintained and positioned for safe operation of a CNG fuel system. Missing vent caps can allow moisture into PRDs and vent lines, which can freeze and damage these safety components. Debris which clogs the PRDs and/or vent lines can prevent proper function.

PRDs must be positioned to vent upward, not outward, from a vehicle.

Ensure that every truck owner completes periodic inspections of the PRDs and vent lines and systems, in accordance with guidance provided by the system component suppliers.

#### Alert First Responders to CNG and LNG



#### DANGER

In the event of a fire or other emergency, alert first responders to the presence and location of CNG fuel systems, tanks and dispensers. Ensure that emergency personnel are aware of proper precautions, such as those provided in Agility's *First Responder Guide: CNG and LNG Vehicle Fuel Systems*.

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### LOCKOUT/TAGOUT PROCEDURES:



## CAUTION

Before entering the vehicle or vehicle body, read and follow OSHA regulations concerning entry and working in “CONFINED SPACE” OSHA 1910.146 and “LOCKOUT/TAGOUT” OSHA 1910.147. Follow OSHA regulations while performing any work on the vehicle. The vehicle must be disabled by the following steps before performing any work on the vehicle:

1. Place the transmission in NEUTRAL.
2. Set the parking brake.
3. Shut the engine OFF.
4. Lock cab doors, keep the key in your pocket. Block the wheels before entering the body or performing any work on the vehicle.
5. Turn the battery disconnect switch OFF, if equipped.
6. Completely drain the air from the primary/A system and secondary/B system by opening the drain valves on the air tanks themselves or by using the drain manifold if supplied. When draining the air tanks, do not look into the area where air is draining. Dirt or sludge particles may be expelled in the air stream and can cause eye injury.
7. Place magnetic “DANGER” signs on both cab doors before entering the body or performing any work on the vehicle.
8. Take proper precautions before working under the vehicle. Use ramps approved for the weight of your vehicle, or use floor jacks and stands. Never work under a vehicle supported by jacks alone. Always use jack stands to support the vehicle.

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The following work instructions are divided into three sections as follows:

**Section I** is applicable to left drive and dual drive sit-down suspension seating applications.

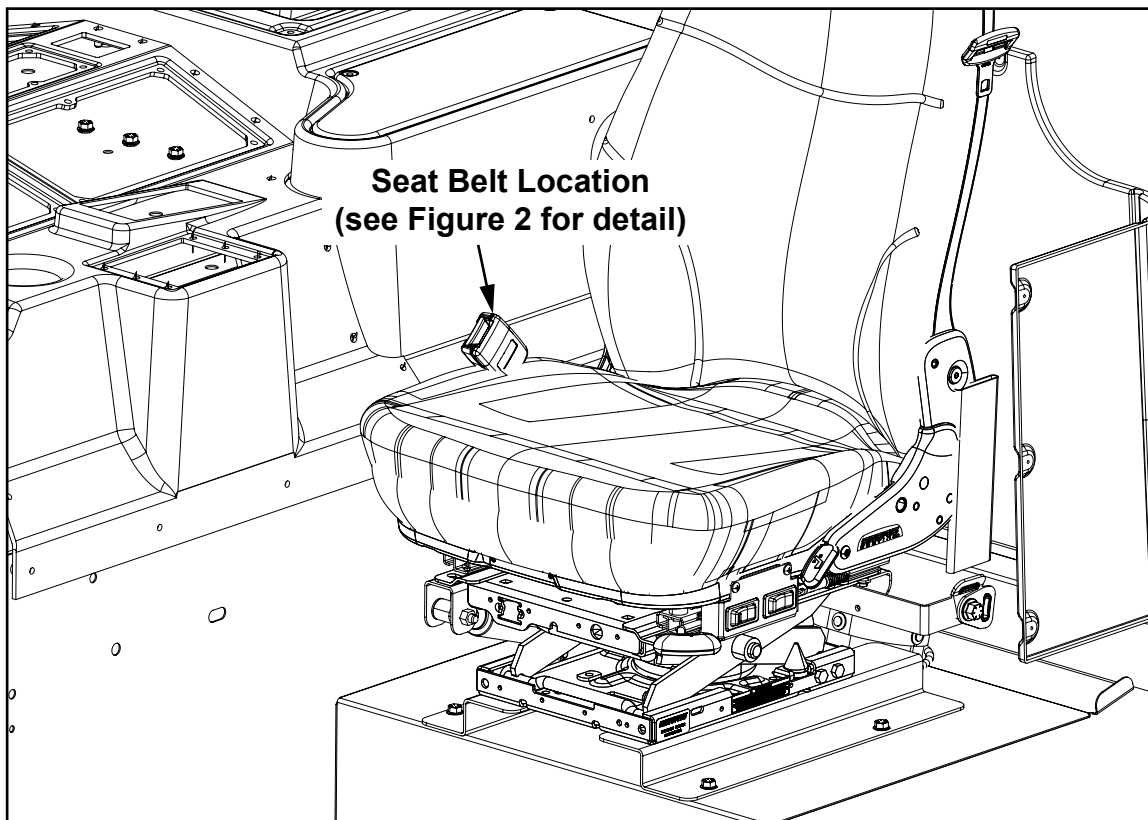
**Section II** is applicable to right drive and dual drive sit-down suspension seating applications.

**Section III** includes functional tests to be performed to verify seat belt warning function.

### Section I

#### Left and dual drive sit-down suspension seating.

1. Follow all lockout/tagout procedures and verify the battery disconnect switch is in the “OFF” position. If the unit is not equipped with a battery disconnect switch, disconnect the battery cables beginning with the negative cables, follow by the positive cables.
2. Unlock and open the left door.
3. Locate the seat belt wiring harness and inspect for any chafing or damage (see Figures 1 and 2).



**Figure 1, Left Side Seat Belt Location**

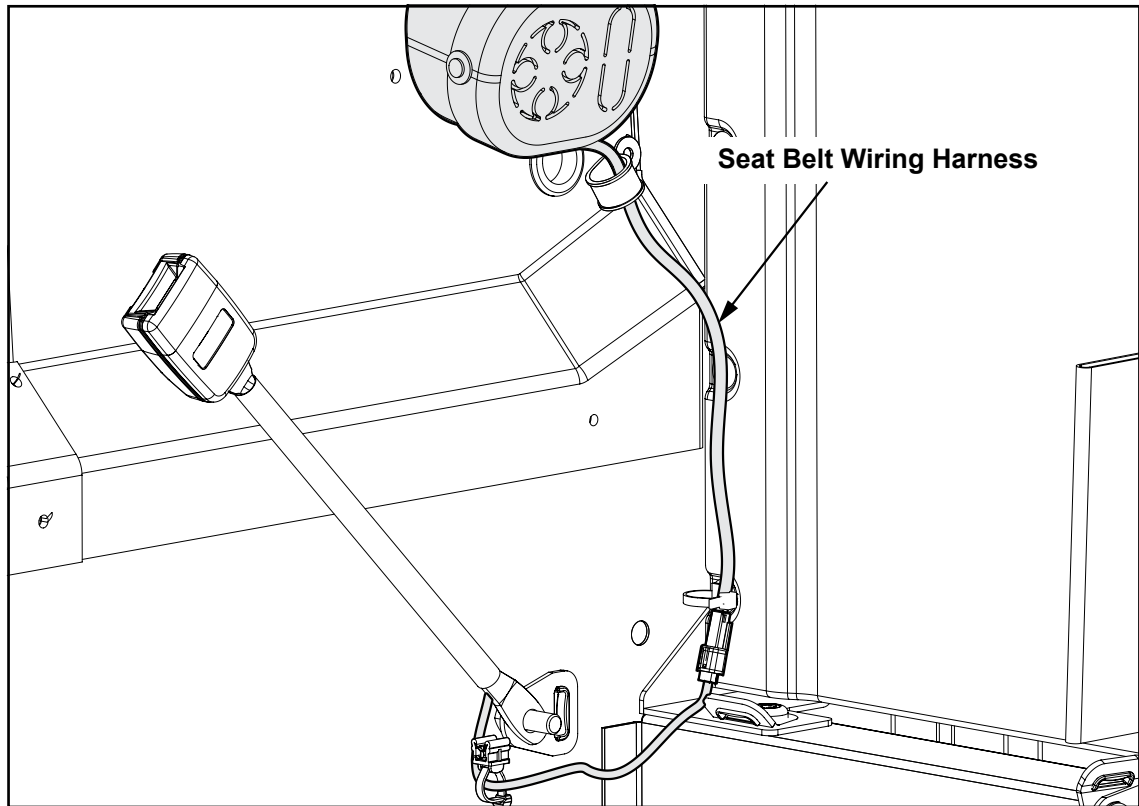
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**Figure 2, Left Side Seat Belt Wiring Harness Routing Detail  
(Seat Removed for Clarity)**

**Note:** If any chafing or damage is found, please contact Autocar Technical Support at 888-218-3611 for further instructions.

4. After any repairs are completed or if no damage is found, verify the routing of the seat belt wiring harness is as indicated or route and secure the seat belt wiring harness as indicated using cable ties obtained locally (see Figure 2).
5. For left drive units proceed to **Section III**.



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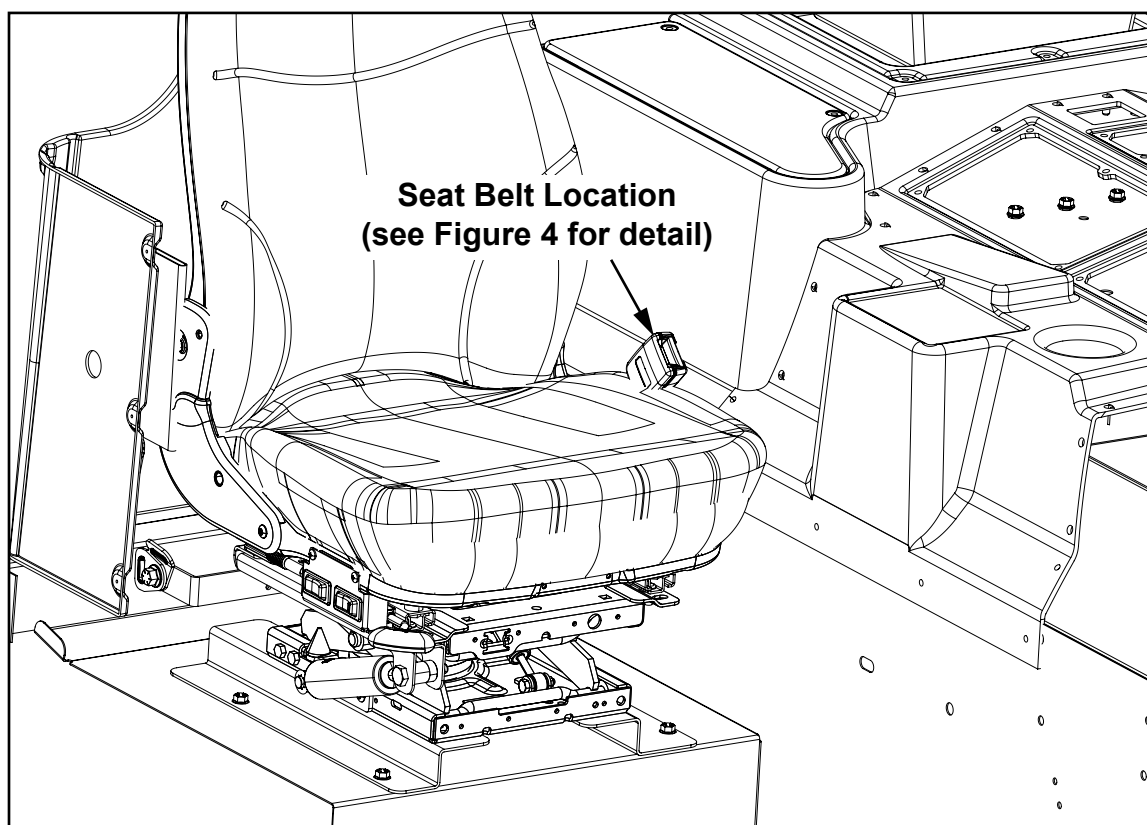


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### Section II

#### Right drive and dual drive sit-down suspension seating.

1. Unlock and open the right door.
2. Locate the seat belt wiring harness and inspect for any chafing or damage  
(see Figures 3 and 4).



**Figure 3, Right Side Seat Belt Location**



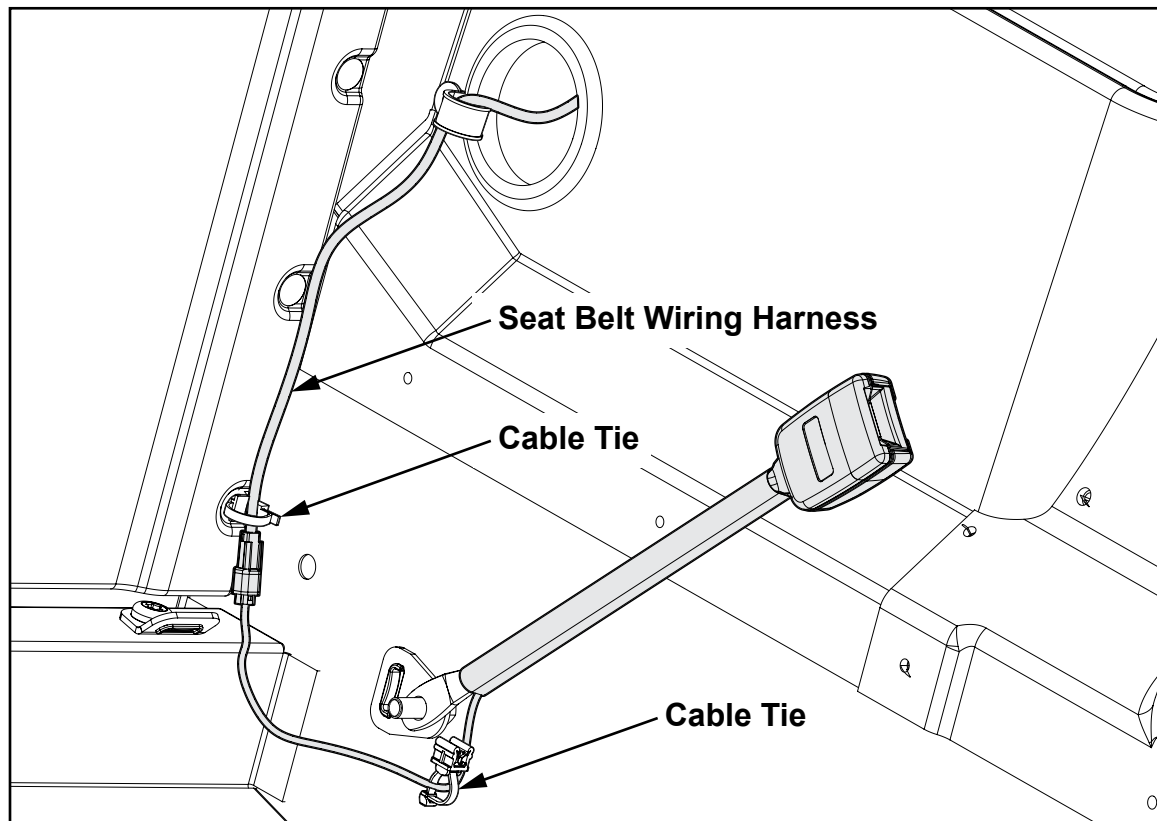
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**Figure 4, Right Side Seat Belt Wiring Harness Routing Detail  
(Seat Removed for Clairity)**

**Note:** If any chafing or damage is found, please contact Autocar Technical Support at 888-218-3611 for further instructions.

3. After any repairs are completed or if no damage is found, verify the routing of the seat belt wiring harness is as indicated or route and secure the seat belt wiring harness as indicated using cable ties obtained locally (see Figure 4).
4. Proceed to **Section III**.

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### Section III

#### Perform a functional test of the seat belt warning system.

1. Verify the battery disconnect switch is in the “ON” position. Or, if previously disconnected, reconnect the battery cables beginning with the positive connections followed by the negative connections.
2. For single drive position units (left or right): From the driver position, cycle the key switch to the on position (key on engine off) and observe the seat belt warning telltale. With the seat belt un-latched the telltale should be illuminated (see *Figure 5*).



***Figure 5, Seat Belt Warning Telltale***

3. Latch the seat belt and observe the seat belt warning telltale. With the seat belt latched, the telltale should no longer be illuminated. If the functional test passes, proceed to step 7. If the functional test fails, please contact Autocar technical support at 888-218-3611 for further diagnostic instructions.

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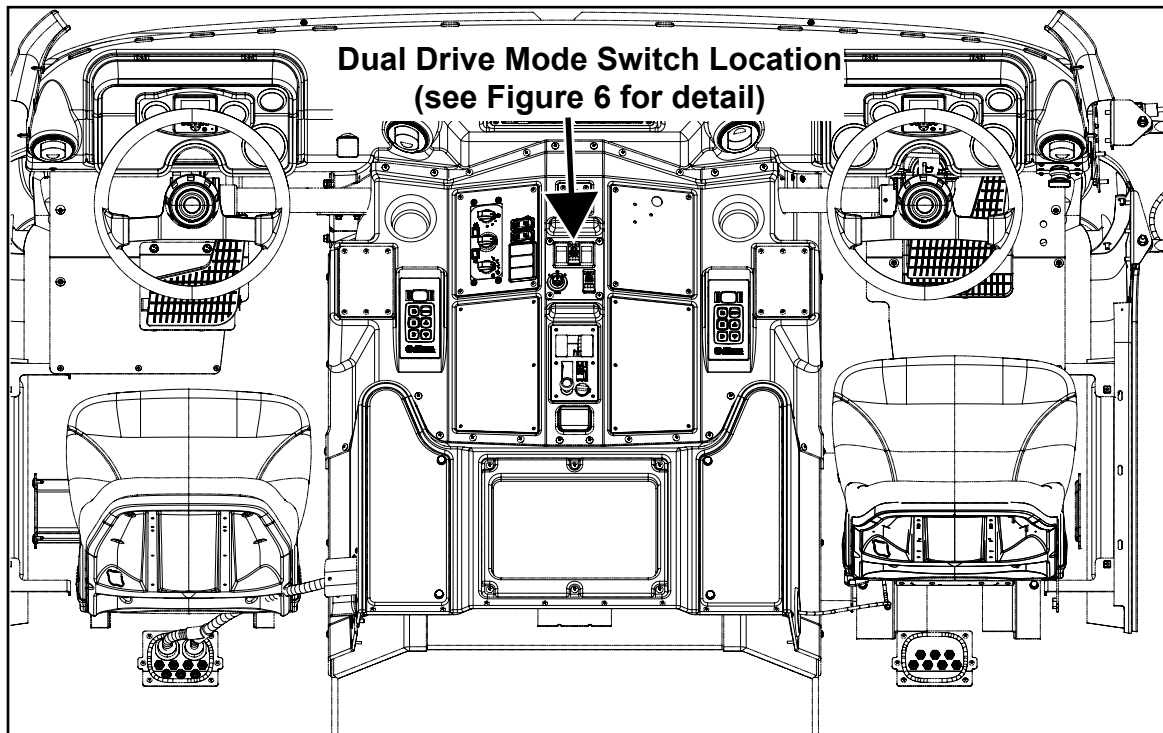
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**Note:** Steps 4 through 6 are applicable to dual drive dual sit-down suspension seating units.

- 4 For dual drive position units: From either driver position, verify the drive mode switch is selected for the seating position to be tested, cycle the key switch to the on position (key on engine off) and observe the seat belt warning telltale. With the seat belt un-latched the telltale should be illuminated (see Figures 6 and 7).



**Figure 6, Dual Drive Mode Switch Location**

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**Figure 7, Dual Drive Mode Switch**

5. Latch the seat belt and observe the seat belt warning telltale. With the seat belt latched, the telltale should no longer be illuminated.
6. Repeat steps 4 and 5 for the opposite drive position. If the functional test fails, please contact Autocar technical support at 888-218-3611 for further diagnostic instructions.
7. If the functional tests pass, repairs are complete.

**Note:** *If you have questions or concerns regarding this Recall, please contact Autocar technical support at 888-218-3611.*