



SAFETY RECALL BULLETIN

NHTSA RECALL 19V923

AUTOCAR, LLC SAFETY RECALL ACTT-2001

June, 2020

Attention:

Service Managers/Parts Managers

Subject:

Autocar has determined that a safety defect exists with the shift pad bracket on certain 2016-2019 model-year Xspotters.

Safety Recall Information:

This document provides work instructions to install a new shift pad bracket.

Vehicles Affected:

There are 156 vehicles affected, manufactured after September 29, 2015. To determine if a vehicle is affected by this recall, log in to the Autocar Warranty Management System at 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 "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.

Required Parts:

- (1) S2845000K004 Service kit
- (2) GM410106AD09 Hex screws
- (1) A2840124-001 Shift pad bracket
- (1) 9X2044 Truss head screw

To Obtain Parts:

DO NOT submit a Solutions ticket.

Ensure that you have authorization from the customer to perform this work, and send an e-mail to: warranty@autocartruck.com and include the following:

- VIN(s) or last 6 digits of VIN(s)
- 'Attention To' name
- 'Ship To' address

Claims for Reimbursement:

Submit a claim for reimbursement in accordance with Autocar's Warranty Administration Manual.

Claim Coding Information:

Labor Operation Code Number	Time Allowance SRT	Description
10.56.2	2.0 HR	Shift Pad Bracket Install

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Tools Required:

5/16" Drill bit
Drill

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

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.

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.

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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.

CNG Cylinders



WARNING

CNG fuel containers must meet Federal Motor Vehicle Safety Standard (FMVSS) 304 (Compressed Natural Gas Fuel Container Integrity) and/or ANSI/CSA NGV2 (Basic Requirements for Compressed Natural Gas Vehicle Fuel Containers). Both standards specify a detailed visual examination every three years.

Ensure that every truck owner completes the required 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 is any question as to proper decommissioning of a cylinder, contact the manufacturer, whose name and address is also required to be on the label.

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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*.



CAUTION

LOCKOUT/TAGOUT PROCEDURES

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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INSTALLATION OF NEW SHIFT PAD BRACKET

1. Ensure the boom is fully lowered.
2. Follow all lock out procedures and be sure to chock the wheels, drain the air tanks and disconnect the batteries.
3. Remove the 4 bolts from the shifter cover and set aside for reassembly (see *Figure 1* and *Figure 2*).

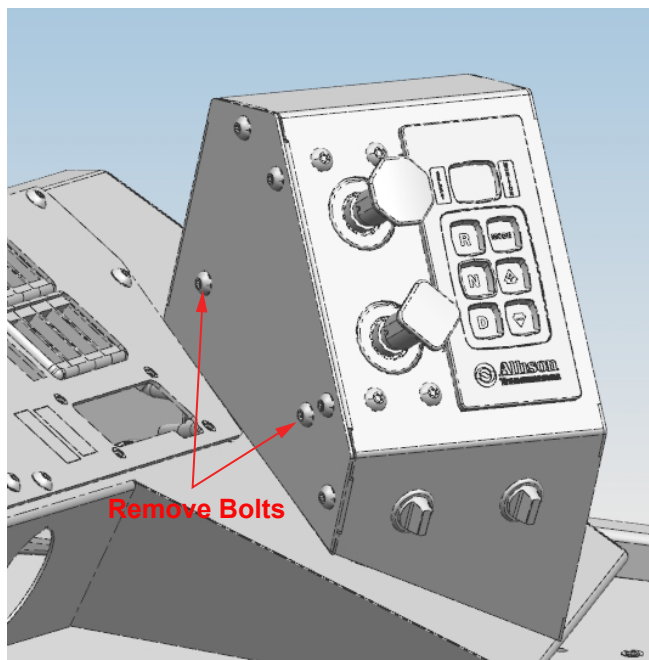


Figure 1

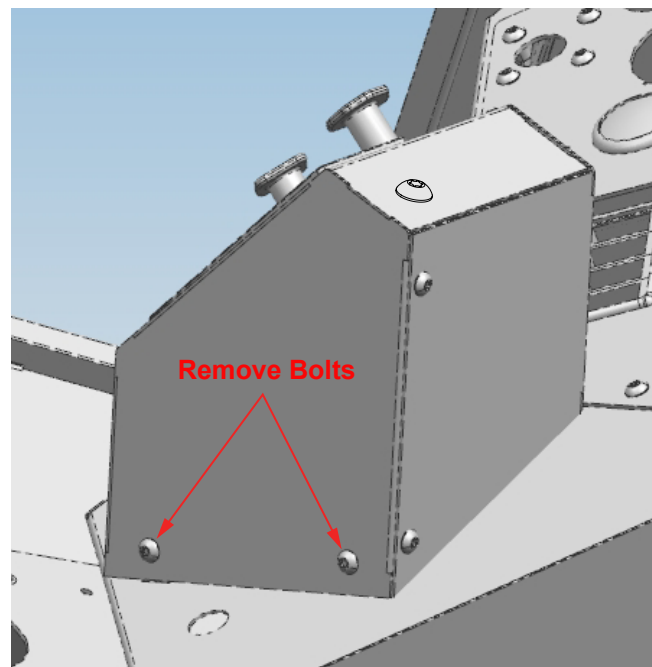


Figure 2

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4. Drill a 5/16" hole into the top of the shift pad assembly, use caution to avoid passing through any deeper than required (see Figure 3).

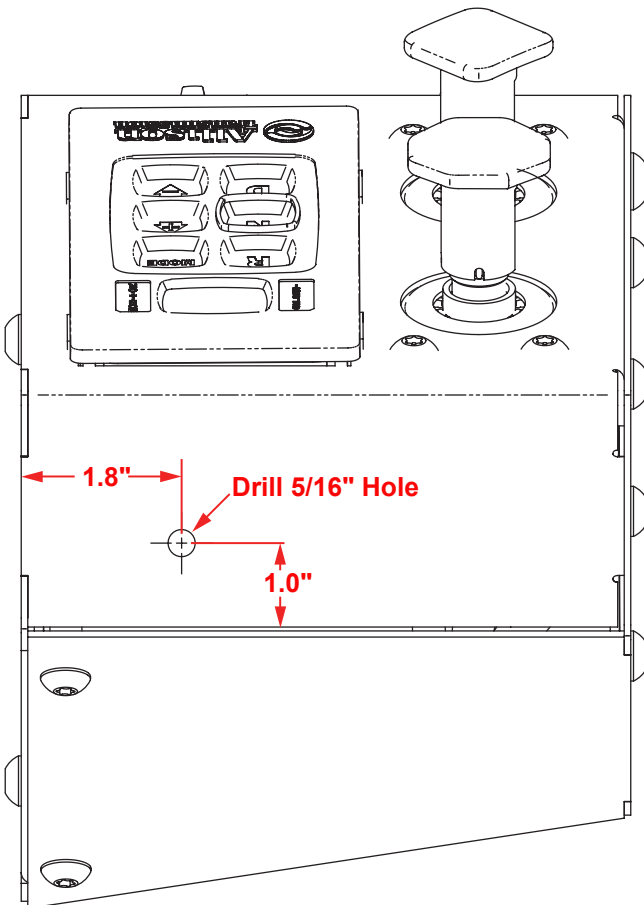


Figure 3

5. Remove (2) nuts and set aside for reassembly. (see Figure 4).
6. Remove the brackets holding the shift pad onto cover and discard (see Figure 4).

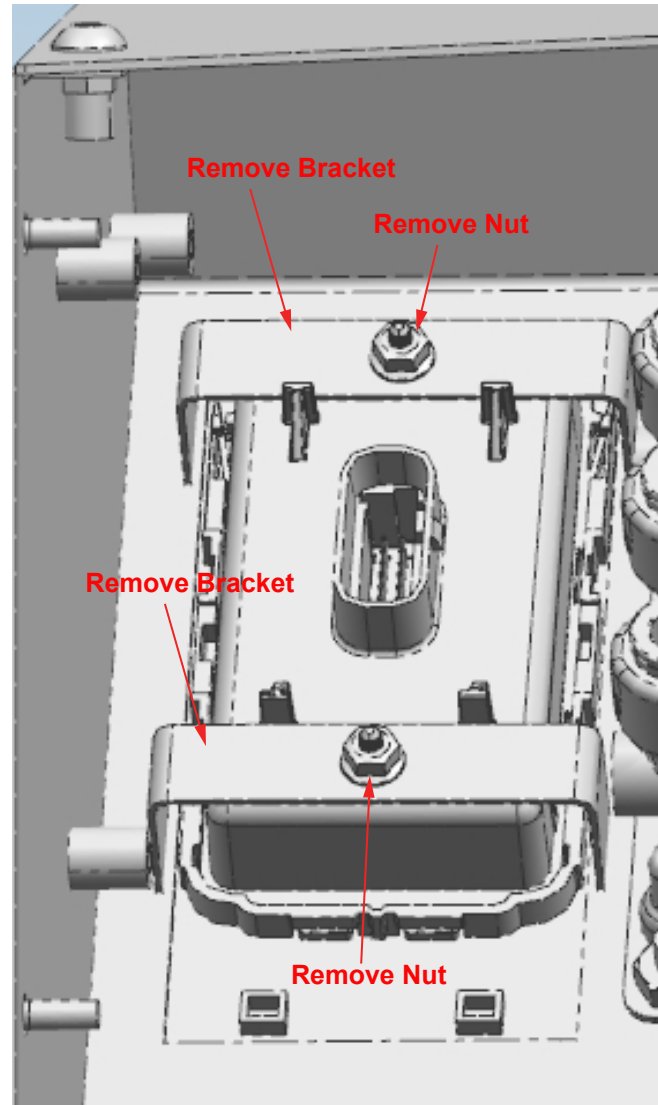


Figure 4

7. Using the (2) nuts that were set aside in step 5, install (A284012-001) bracket onto the shift pad inside cover and tighten to 13 in-lb of torque (see Figure 5).

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8. Using (2) (GM410106AD09) hex screws provided in the service kit, secure the (A284012-001) bracket onto the shift pad inside cover and tighten to 75 in-lb of torque (see *Figure 5*).
9. Install the (9X2044) truss head screw, provided with the service kit, through the hole drilled in step 4 and tighten to 75 in-lb of torque (see *Figure 5*).

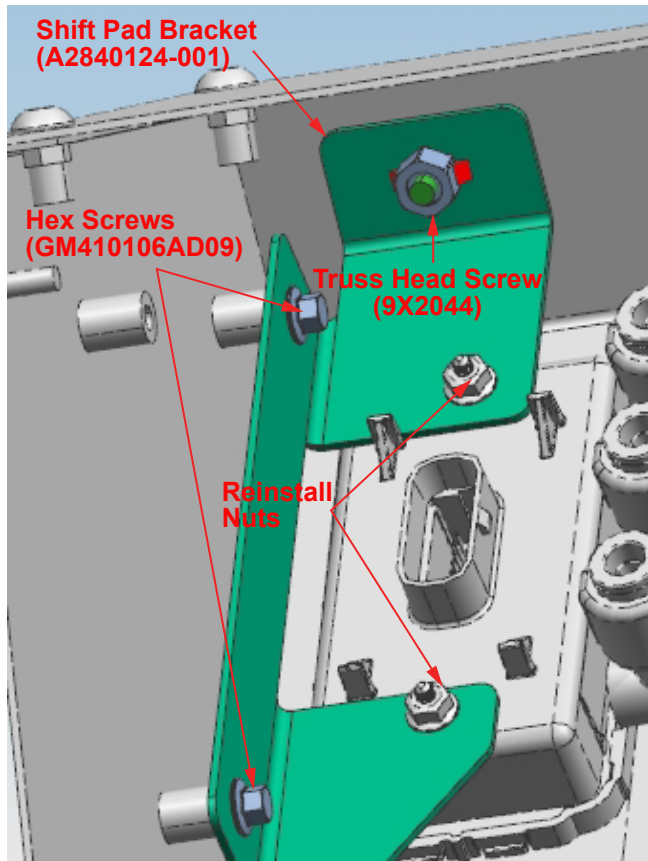


Figure 5

10. Reinstall (2) bolts that were set aside for reassembly in step 3 and tighten to 75 in-lb of torque (see *Figure 6*).

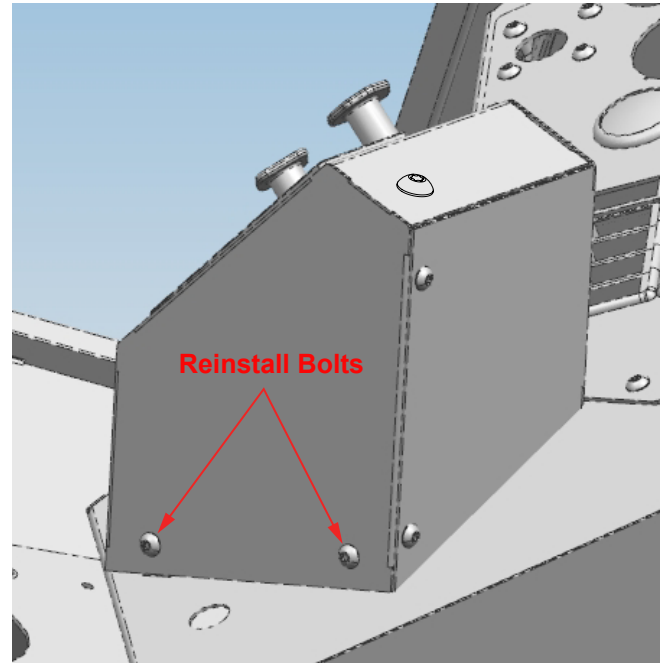


Figure 6

11. Re-connect the batteries.
12. Perform a functional test of the shift pad.
13. The shift pad bracket installation is complete.