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AFFECTED MODEL: All Front Hose Reel Mounted Vacall AllJetVac and AllJetVac Recyclers
Manufactured September 10, 2019 through June 30, 2022

SUBJECT: Hose Reel Tilt Cylinder P/N 2130120013

RELEASE DATE: October 2022

RECALL NUMBER: 22V-669

SERVICE PROCEDURE FOR RECALL 22V-669

Gradall Industries has determined that a potential defect may exist with the front mounted hose reel tilt cylinder (P/N 2130120013) on its AllJetVac and AllJetVac Recycler Models manufactured from September 10, 2019 through June 30, 2022. The models included in this recall are AJV1515, AJV1215, AJV1215 Recycler, AJV1015, AJV1010, AJV0812, AJV0810, AJV0720, and AJV0610.

The hose reel tilt cylinder is equipped with a clevis that is threaded onto the rod end of the cylinder for adjustment purposes. On certain vehicles the hose reel tilt cylinder clevis may not have adequate thread engagement onto the cylinder rod. As a result, damage to the clevis and/or cylinder rod threads may occur during travel and normal jetting operations.

While lowering the hose reel to perform maintenance in the engine compartment, the clevis may become disengaged from the rod end of the cylinder causing the hose reel to pivot forward uncontrollably and free fall to the ground. If the clevis disengages, a potential crushing hazard may exist when disengaging the pins and clamps or raising/lowering the hose reel.

Affected Units: All front hose reel mounted Vacall AllJetVac and AllJetVac Recyclers manufactured from September 10, 2019 through June 30, 2022. Included with this bulletin is a list of affected vehicles identified by Gradall/Vacall Serial Number, PWO Number, and chassis VIN. If you are not the current owner of the identified unit(s) please forward this information to the owner or lessee.

All front mounted hose reel vehicles manufactured after June 30, 2022 have been equipped with the required updated clevises.

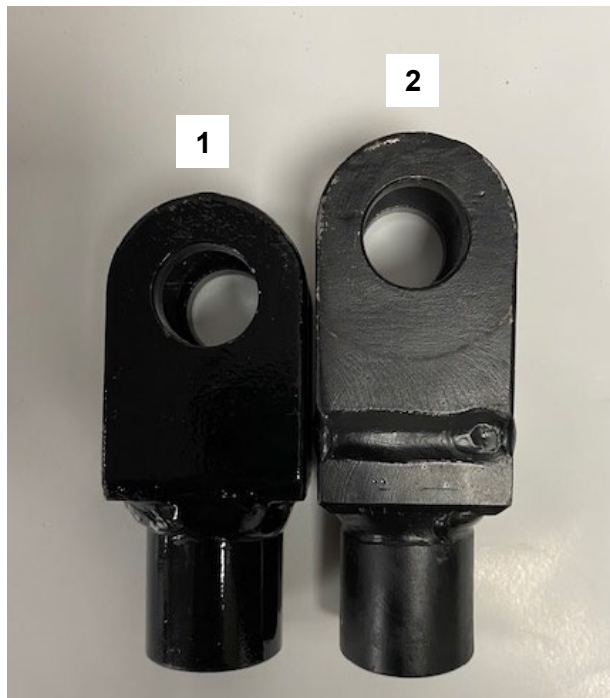
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Corrective Action: The clevis on the hose reel tilt cylinder (P/N 2130120013) on the affected vehicles must be removed and replaced with an updated clevis (P/N VA0000S6257).

The original clevis (1) measures approximately 4 ¾" in overall length. The updated clevis (2) measures approximately 5 ½" in overall length and has a spacer welded between the clevis and threaded collar.



For Dealers, immediately contact the owners of the affected vehicles and begin scheduling the vehicles for replacement of the clevises. The remedy must be completed as soon as possible. Gradall will allow 1 hour to perform the repair and up to 3 hours travel time if required. File a warranty claim through normal warranty procedure. For vehicles in warranty, select warranty type as "warranty". For vehicles out of warranty, select warranty type as "other". In the Dealer Comments section of the claim reference "Recall Number 22V-669." Provide this Notice Letter and replacement instructions to your service technicians.

For Owners, please take the affected vehicle(s) to your Gradall/Vacall Dealer to have this remedy completed.

Contacts: Should you have any questions or require further assistance concerning this bulletin or attached clevis replacement instructions please contact your Gradall/Vacall Regional Service Manager, Gradall/Vacall Service Department, or Gradall/Vacall Warranty Administrator at 1-800-382-8302.

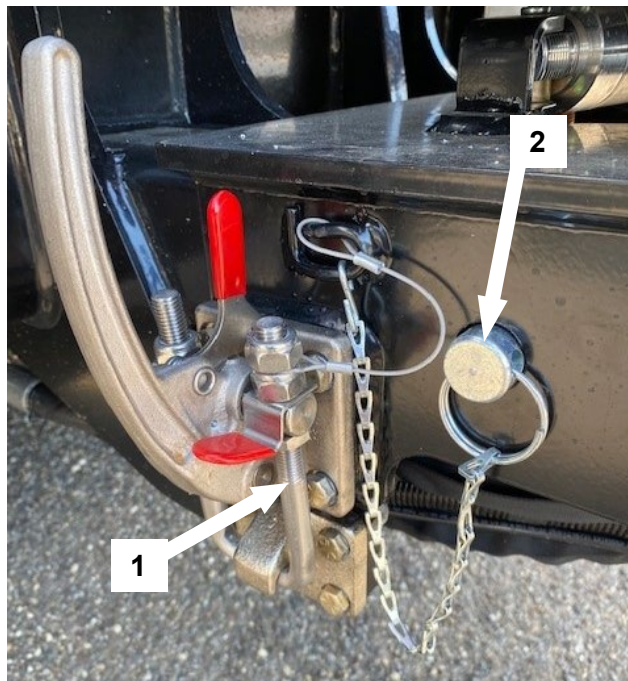
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Front Hose Reel Tilt Cylinder Clevis Removal and Replacement Procedure:

1. Park the vehicle on a flat level surface. Ensure the hose reel clamps (1) are engaged and pins (2) are installed on both sides of the hose reel. If the hose reel clamps are not engaged and the pins are not installed do not attempt to replace the clevis. To latch the hose reel clamps and/or install the pins, the hose reel may need to be raised up using either the engine and hydraulic system or the emergency power pack on the truck.



2. After verifying the hose reel clamps are engaged and pins are installed, chock the wheels, and lock out and tag out the vehicle.
3. Support the front of the hose reel with either a crane, jack stand, or blocks of wood to prevent the hose reel from pivoting downward when removing and replacing the cylinder clevis.
4. After ensuring the hose reel is properly supported, loosen the hydraulic hose on the barrel end of the cylinder to bleed off any pressure. Catch any hydraulic oil that runs out of the connection using an appropriate container. It's not necessary to completely remove the hose from the cylinder.
5. Remove the cotter pin and pin from the rod end of the cylinder.

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6. Hinge the cylinder downward. Remove the clevis from the cylinder rod by first removing the set screw on the threaded part of the clevis.
7. Inspect the threads on the rod end of the cylinder for damage. If the threads on the cylinder rod are damaged a new cylinder must be installed. If the threads are not damaged, install an updated clevis (P/N VA0000S6257) by threading the clevis completely onto the cylinder rod and securing the set screw.
8. Reinstall the cylinder. It will be necessary to use a prybar to collapse the cylinder about $\frac{3}{4}$ " before installing the pin, washer, and cotter pin to secure the cylinder.
9. Tighten the hydraulic line going to the cylinder.
10. Remove the blocking and tilt the hose reel up using either the engine and hydraulic system or the emergency electric power pack. Disengage the hose reel clamps and pins. Keep clear of the front of the hose reel when disengaging the clamps and pins as any air trapped in the hydraulic circuit may cause the hose reel to drop slightly. It may be necessary to operate the hose reel tilt up and down throughout the cylinder's entire range to eliminate the air in the hydraulic circuit.
11. Unless access to the engine compartment is required, engage the hose reel clamps, and install the pins on each side prior to travel or jetting operations.

Ensure the pins are installed and the clamps are engaged and tight while driving or using the vehicle for jetting operations.



Image showing original
clevis installed



Image showing updated
clevis installed

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