

# *Cheetah Chassis Corporation*

3<sup>rd</sup> & Oak Streets  
P.O. Box 388  
Berwick, PA 18603



Phone: (570) 752-2709  
Fax: (570) 752-3758  
www.cheetahchassis.com

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## **IMPORTANT SAFETY RECALL**

**This notice applies to your vehicles  
identified on the enclosed spreadsheet**

**NHTSA Recall No. 17V-630**

November 20, 2017

**CERTIFIED MAIL – R.R.R.**

Dear Mr.

This notice is sent in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Cheetah Chassis Corporation ("Cheetah") has decided that certain container chassis, identified on the enclosed spreadsheet, contain a defect that relates to motor vehicle safety.

The defect relates to a Tramec Sloan quick release valve (part #51102) that was installed to aid in the application of the emergency brakes when air is exhausted from the supply line. The diaphragm in this valve can degrade and develop pin holes when exposed to constant pressure. These pin holes, if they develop, may allow air to escape from the exhaust port of the quick release valve. This loss of air may allow the emergency brakes to gradually apply and cause the brakes to drag, increasing the risk of property loss or injury, especially if the brake drag were to cause the vehicle to come to a full stop.

In order to remedy the defect, it will be necessary to replace the diaphragm, O-ring and cover of the quick release valve in accordance with the instructions (Cheetah drawing WR-C-2017-01 and Tramec Sloan drawing 51145) attached to this letter. We will supply the new diaphragm, O-ring and cover replacement kits without cost and will ship them to multiple locations at your request. The parts necessary to replace the diaphragm, O-ring and cover are available for immediate delivery. We will also reimburse you for the reasonable direct labor costs involved in effecting the repair or will have the

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repair facilities bill us directly. The work to replace the diaphragm, O-ring and cover will take approximately one half hour to perform.

We will make ourselves available to answer any questions that arise during the course of this modification program, and, if requested, assist you in locating qualified repair facilities. We will also provide training or any other support you need. If you need any assistance, please contact me, Joe Kleckner, at [jkleckner@cheetahchassis.com](mailto:jkleckner@cheetahchassis.com) or 1-866-381-3735.

Invoices for completed work should be submitted with authorization number 17V630 and a list of vehicle identification numbers for the serviced equipment to:

Cheetah Chassis Corporation  
3<sup>rd</sup> and Oak Streets  
P.O. Box 388  
Berwick, PA 18603

If you have had your vehicle repaired prior to receipt of this notice, you may be entitled to reimbursement if you incurred any out-of-pocket cost due to this matter. For further information, please contact us at 1-866-381-3735.

Federal law requires any lessor who receives a notification of a determination of a safety-related defect or noncompliance pertaining to any leased motor vehicle to send the notice to the lessee within 10 days.

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this recall notification under a sale or lease until the defect or noncompliance is remedied.

We regret any inconvenience this action may cause you. However, we are concerned about your safety, and we have notified the National Highway Traffic Safety Administration of this program. If you are unable to have these defects remedied without charge, you may submit a complaint to:

Administrator, U.S. Department of Transportation  
National Highway Traffic Safety Administration  
Office of Defects Investigation  
1200 New Jersey Avenue, SE  
Washington, D.C. 20590

Alternatively, you may call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153) or go to <http://www.safercar.gov>.

Thank you for your attention to this important matter.

Very truly yours,

Joe Kleckner

WR-C-2017-01

REV.

REMARKS

DATE

DRN

**NOTE: Read and review all repair instructions prior to starting repairs.**

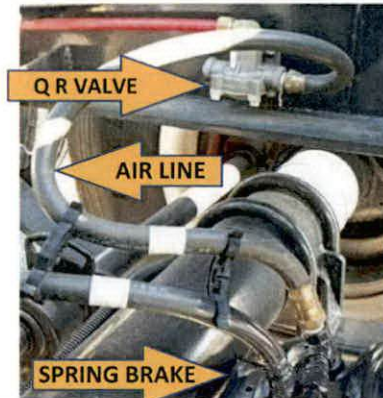
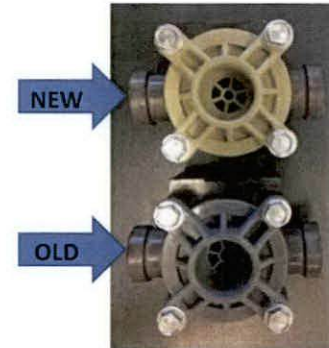
Any questions, contact Joe Kleckner @ 1-866-381-3735

**Quick Release Valve Diaphragm Replacement Instructions.**

Reference: Tramec / Sloan Drawing# 51145 - Diaphragm & Cover Replacement Kit  
**(Drawing# 51145 is included in the valve replacement parts kit)**

**Description:** The quick release valve diaphragm can degrade and leak under constant pressure. The following are instructions to replace the existing diaphragm, O-ring and cover with a heavier duty version more suitable for this application.

1. Park the vehicle on a level surface and block the wheels to prevent the vehicle from moving. Ensure that no vehicle can back up and connect to unit being repaired.
2. Discharge all air pressure from the system. Remove supply and control air hoses from the gladhands. Drain air tanks if needed.
3. To locate Quick Release Valve (QRV): (See Picture) Start at the spring brake and follow the brake line back towards the Spring Brake Valve (SBV), if you get to the SBV before the QRV, then there is not one on that line. Proceed to the next brake and check. The QRV is generally bolted to the frame near the axles.
4. Refer to Tramec drawing # 51445 on page two of this document for the following.
  - A: Remove (4) existing ¼- 20 screws (3/8" hex) set aside.
  - B: Remove the existing valve cover (grey) and discard.
  - C: Remove the old O-ring and the old diaphragm and discard.
  - D: Install new diaphragm (5114003), new O-ring (5110608) and new valve cover (yellow) (5114002), replace existing ¼-20 screws, and torque to 6-foot pounds.
5. Reattach airlines at the front gladhands and pressurize the air system. Ensure the system is fully pressurized prior to continuing. Cycle/activate the repaired valve 3 times by attaching and removing the airlines at the gladhands and allowing the air to escape.
6. Reconnect the supply and control gladhands at the front of the trailer to ensure the system is pressurized.
7. Soap test the repaired Tramec valve and inspect for leaks. Spray the vent and around the seal with soapy water, and check for leaks. If no leaks are present the installation is complete. If leaks appear, take the valve apart and check the diaphragm and O-rings to make sure they are seated correctly. Ensure the diaphragm and O-ring are not damaged. If they are damaged replace them per step 4 and repeat steps 5 through 7.



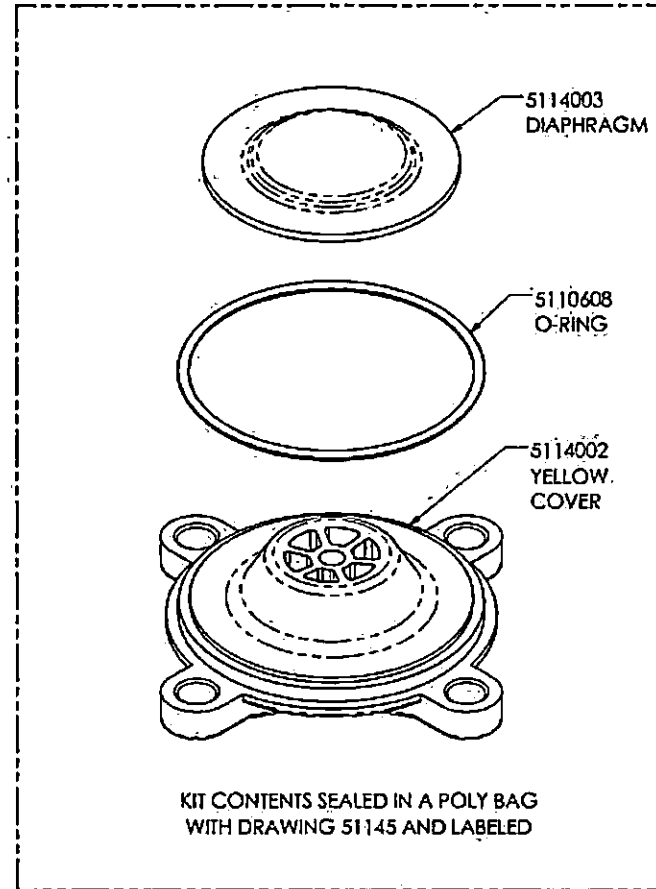
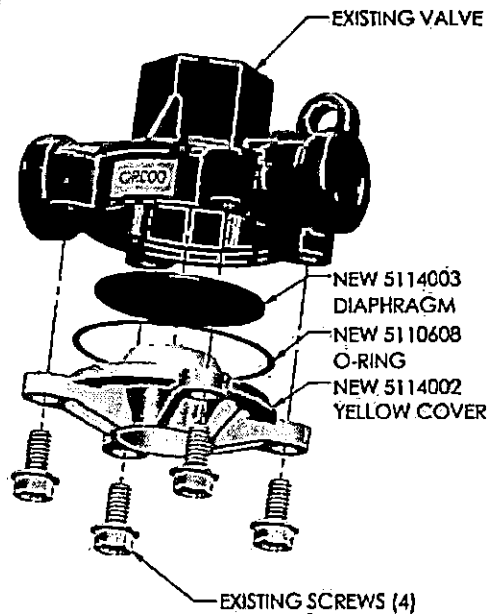
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TOLERANCES UNLESS OTHERWISE SPECIFIED		CHEETAH CHASSIS CORP	
EXAGGERATED PARTS LIST		TITLE/DESCRIPTION	
DATE		Quick Release Valve Diaphragm Replacement Instructions	
DRAWN	DATE	PART NUMBER	REV.
		WR-C-2017-01	

DRAWING NUMBER  
**51145**

**DIAPHRAGM & COVER REPLACEMENT**

1. Park the vehicle on a level surface and block the wheels to prevent the vehicle from moving.
2. Discharge all pressure from the air system.
3. Remove existing 1/4-20 screws (3/8 hex), cover, o-ring and diaphragm.
4. Install new diaphragm, o-ring and cover, using existing 1/4-20 screws. Torque screws to 6 pound-feet.
5. Test for leaks.



DESIGNED BY DESIGN, CONSTRUCTED BY PROCESSING FROM HIGH QUALITY POLY-CRISTAL APPROVED FOR INDUSTRIAL USE. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. TRAMEC SLOAN INC. IS AN APPROVED CR 19 MANUFACTURER UNDER THE TRAMEC SYSTEM.

**TOLERANCES UNLESS SPECIFIED**

<input checked="" type="checkbox"/> ENGLISH	<input type="checkbox"/> METRIC
F ± .005	F ± .02
AX ± .005	AX ± .01
AX ± .005	AX ± .01
ANGULAR ± 1°	ANGULAR ± 1°
FRACTIONAL	ON 5 25
1/16	
ON 5 210	

DESCRIPTION DIAPHRAGM & COVER REPLACEMENT KIT - CONSTANT PRESSURE APPLICATIONS			
MATERIAL		FINISH	
DRW BY EDS	DATE 9-17	E.P. NO. -	REF. NO. -
CHK BY DS	DATE 9-17	DRAWING NUMBER <b>51145</b>	

INITIAL RELEASE	EDS	DS	24SEP17	17-72
DESCRIPTION	DRWN	APPV	DATE	ECR

HIDDEN DIMENSION  
 PROJECTION  
 DIMOTES MAJOR DIMENSION  
 DIMOTES CRITICAL DIMENSION