

Part 573 Safety Recall Report

17V-630

Manufacturer Name : Cheetah Chassis Corporation

Submission Date : JAN 16, 2018

NHTSA Recall No. : 17V-630

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Cheetah Chassis Corporation

Address : 3rd and Oak Streets

P. O. Box 388 Berwick PA 18603

Company phone : 570-752-2709

Population :

Number of potentially involved : 508

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Cheetah 7400HNFF2

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 20/40 maximizer chassis

Production Dates : AUG 09, 2017 - AUG 09, 2017

VIN Range 1 : Begin : 5ef2gc406jb789914 **End :** 5EF2GC408JB789915 ☐ Not sequential

Vehicle 2 : 2017-2017 Cheetah 8330SNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 33' bridgemaster chassis

Production Dates : JUN 13, 2016 - NOV 03, 2016

VIN Range 1 : Begin : 5EF3SC339HB787227 **End :** 5EF3SC333HB787238 ☐ Not sequential

VIN Range 2 : Begin : 5EF3SC330HB787374 **End :** 5EF3SC331HB787383 ☐ Not sequential

VIN Range 3 : Begin : 5EF3SC339HB787385 **End :** 5EF3SC330HB787391 ☐ Not sequential

VIN Range 4 : Begin : 5EF3SC330HB787505 **End :** 5EF3SC33XHB787513 ☐ Not sequential

VIN Range 5 : Begin : 5EF3SC335HB787435 **End :** 5EF3SC339HB787437 ☐ Not sequential

VIN Range 6 : Begin : 5EF3SC331HB787769 **End :** 5EF3SC33XHB787771 ☐ Not sequential

VIN Range 7 : Begin : 5EF3SC339HB788118 **End :** 5EF3SC339HB788121 ☐ Not sequential

VIN Range 8 : Begin : 5ef3sc338hb788126 **End :** 5ef3sc332hb788137 ☐ Not sequential

Vehicle 3 : 2017-2017 Cheetah 8330SNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 36' bridgemaster chassis

Production Dates : JUL 26, 2017 - JUL 26, 2017

VIN Range 1 : Begin : 5EF3SC339JB789808 End : 5EF3SC339JB789811

☐ Not sequential

Vehicle 4 : 2017-2017 Cheetah 8420GNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 36 bridgemaster chassis

Production Dates : MAY 16, 2016 - MAY 26, 2016

VIN Range 1 : Begin : 5EF3GC423HB787103 End : 5EF3GC428HB787114

☐ Not sequential

Vehicle 5 : 2017-2018 Cheetah 9530GNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 36' bridgemaster chassis

Production Dates : JUN 09, 2016 - JUN 13, 2016

VIN Range 1 : Begin : 5EF4GC533HB787095 End : 5EF4GC537HB787102

☐ Not sequential

Vehicle 6 : 2017-2018 Cheetah 8400GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 40' gooseneck chassis

Production Dates : MAR 16, 2016 - JAN 23, 2017

VIN Range 1 : Begin : 5EF3GC409HB787251 End : 5EF3GC409HB787255

☐ Not sequential

VIN Range 2 : Begin : 5EF3GC402HB787608 End : 5EF3GC404HB787609

☐ Not sequential

VIN Range 3 : Begin : 5EF3GC403HB788380 End : 5EF3GC407HB788382

☐ Not sequential

VIN Range 4 : Begin : 5EF3GC406JB789545 End : 5EF3GC407JB789554

☐ Not sequential

VIN Range 5 : Begin : 5EF3GC403JB789566 End : 5EF3GC409JB789572

☐ Not sequential

VIN Range 6 : Begin : 5EF3GC408JB789644 End : 5EF3GC401JB789646

☐ Not sequential

VIN Range 7 : Begin : 5EF3GC402JB789624 End : 5EF3GC401JB789632

☐ Not sequential

VIN Range 8 : Begin : SEF3GC406JB790338 End : SEF3GC401JB790344

☐ Not sequential

VIN Range 9 : Begin : 5ef3gc405hb788252 End : 5EF3GC402HB788256

☐ Not sequential

VIN Range 10 : Begin : 5EF3GC400jb788441 End : 5sef3gc40xjb78846

☐ Not sequential

VIN Range 11 : Begin : 5ef3gc409hb788237 End : 5EF3GC402HB788242

☐ Not sequential

VIN Range 12 : Begin : 5ef3gc409hb788285 End : 5EF3GC406HB788289

☐ Not sequential

VIN Range 13 : Begin : 5ef3gc485jb788957 End : 5EF3GC485JB788957

☐ Not sequential

VIN Range 14 : Begin : 5ef3gc401jb790473 End : 5EF3GC401JB790476

☐ Not sequential

VIN Range 15 : Begin : 5ef3gc409hb786410 End : 5EF3GC405HB786419

☐ Not sequential

Vehicle 7 : 2017-2017 Cheetah 7430GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 43' gooseneck chassis

Production Dates : NOV 10, 2016 - NOV 10, 2016

VIN Range 1 : Begin : SEF2GC432HB788280 End : SEF2GC43XHB788284

☐ Not sequential

VIN Range 2 : Begin : SEF2GC434HB788142 End : SEF2GC434HB788142

☐ Not sequential

VIN Range 3 : Begin : 5ef2gc437jb789236 End : 5EF2GC437JB789236

☐ Not sequential

Vehicle 8 : 2017-2017 Cheetah 8410GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 20/40 maximizer chassis

Production Dates : AUG 15, 2016 - AUG 15, 2016

VIN Range 1 : Begin : 5EF3GC414HB787621 End : 5EF3GC414HB787624

☐ Not sequential

Vehicle 9 : 2017-2017 Cheetah 9530SNFF2

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 46-53 heavy duty chassis

Production Dates : NOV 16, 2016 - NOV 16, 2016

VIN Range 1 : Begin : 5ef4sc531hb788275 End : 5EF4SC531HB788275

☐ Not sequential

Vehicle 10 : 2018-2018 Cheetah 7430DNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 46-53 heavy duty chassis

Production Dates : DEC 21, 2016 - MAR 13, 2017

VIN Range 1 : Begin : 5ef2df438jb788364 End : 5EF2DF431JB788366

☐ Not sequential

VIN Range 2 : Begin : 5EF2DF433JB788613 End : 5EF2DF434JB788622

☐ Not sequential

Vehicle 11 : 2017-2018 Cheetah 9530SNFF2

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 46-53 heavy duty chassis

Production Dates : NOV 16, 2016 - SEP 28, 2017

VIN Range 1 : Begin : 5ef4sc532hb788244 End : 5EF4SC533HB788245

☐ Not sequential

VIN Range 2 : Begin : 5ef4sc537jb788464 End : 5EF4SC530JB788466

☐ Not sequential

VIN Range 3 : Begin :	5EF4SC533JB788543	End :	5EF4SC537JB788545	☐ Not sequential
VIN Range 4 : Begin :	5EF4SC534JB789149	End :	5EF4SC532JB789151	☐ Not sequential
VIN Range 5 : Begin :	5EF4SC53XJB789382	End :	5EF4SC59XJB789387	☐ Not sequential
VIN Range 6 : Begin :	5EF4SC537JB790358	End :	5EF4SC537JB790361	☐ Not sequential
VIN Range 7 : Begin :	5EF4SC532JB789009	End :	5EF4SC532JB789009	☐ Not sequential

Vehicle 12 : 2017-2017 Cheetah 8235SNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 23-1/2' extendable chassis

Production Dates : NOV 17, 2016 - NOV 21, 2016

VIN Range 1 : Begin :	5ef3sc239hb788220	End :	5EF3SC234HB788223	☐ Not sequential
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Vehicle 13 : 2018-2018 Cheetah 8400GNFF2

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 20/40 chassis

Production Dates : MAR 13, 2016 - APR 04, 2017

VIN Range 1 : Begin :	5ef3gc406jb788623	End :	5EF3GC406JB788623	☐ Not sequential
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VIN Range 2 : Begin :	5EF3GC406JB788953	End :	5EF3GC406JB788953	☐ Not sequential
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VIN Range 3 : Begin :	5EF3GC401JB788898	End :	5EF3GC401JB788898	☐ Not sequential
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Vehicle 14 : 2017-2018 Cheetah 9400GNFFOLW

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 40' gooseneck

Production Dates : FEB 22, 2017 - OCT 26, 2017

VIN Range 1 : Begin :	5EF4GC407JB788246	End :	5EF4GC407JB788246	☐ Not sequential
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VIN Range 2 : Begin :	5EF4GC401JB788601	End :	5EF4GC406JB788612	☐ Not sequential
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VIN Range 3 : Begin :	5EF4GC403JB789443	End :	5EF4GC402JB789448	☐ Not sequential
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VIN Range 4 : Begin :	5EF4GC402JB789370	End :	5EF4GC407JB789381	☐ Not sequential
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VIN Range 5 : Begin :	5EF4GC407JB789820	End :	5EF4GC404JB789827	☐ Not sequential
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VIN Range 6 : Begin :	5EF4GC409JB790418	End :	5EF4GC401JB790428	☐ Not sequential
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VIN Range 7 : Begin :	5EF4GC408JB790524	End :	5EF4GC401JB790526	☐ Not sequential
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Vehicle 15 : 2017-2017 Cheetah 8450GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 45' gooseneck chassis

Production Dates : OCT 17, 2016 -OCT 17, 2016

VIN Range 1 :Begin : 5EF3GC458HB788354 End : 5EF3GC451HB788356 ☐ Not sequential

Vehicle 16 : 2018-2018 Cheetah 8400GNFF2

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 20/40 maximizer chassis

Production Dates : APR 06, 2017 -APR 06, 2017

VIN Range 1 :Begin : 5EF3GC407JB788954 End : 5EF3GC409JB788955 ☐ Not sequential

Vehicle 17 : 2018-2018 Cheetah 7430DNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 43' tank chassis

Production Dates : SEP 28, 2017 -SEP 28, 2017

VIN Range 1 :Begin : 5EF2DF433JB789633 End : 5EF2DF439JB789636 ☐ Not sequential

Vehicle 18 : 2018-2018 Cheetah 7310SNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 31' bridgemaster chassis - 2 axle

Production Dates : FEB 24, 2017 -FEB 24, 2017

VIN Range 1 :Begin : 5EF2SC313JB788549 End : 5EF2SC315JB788553 ☐ Not sequential

Vehicle 19 : 2017-2018 Cheetah 8400GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 40' gooseneck chassis - 3 axle

Production Dates : NOV 15, 2016 -JAN 26, 2017

VIN Range 1 :Begin : 5EF3GC409HS788108 End : 5EF3GC40XHS788117 ☐ Not sequential

VIN Range 2 :Begin : 5EF3GC404JS788507 End : 5EF3GC406JS788511 ☐ Not sequential

Vehicle 20 : 2017-2017 Cheetah 8330SNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 33' bridgemaster chassis - 3 axle

Production Dates : SEP 27, 2016 -SEP 29, 2016

VIN Range 1 :Begin : 5EF3SC33XHS788208 End : 5EF3SC33XHS788211

☐ Not sequential

VIN Range 2 :Begin : 5EF3GC401JB788898 End : 5EF3SC336HB788125

☐ Not sequential

Vehicle 21 : 2018-2018 Cheetah 8310SNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 31' bridgemaster chassis

Production Dates : SEP 05, 2017 -SEP 05, 2017

VIN Range 1 :Begin : 5ef3sc313jb789916 End : 5EF3SC317JB789918

☐ Not sequential

VIN Range 2 :Begin : 5ef3sc315jb790355 End : 5EF3SC315JB790355

☐ Not sequential

Vehicle 22 : 2018-2018 Cheetah 8400GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 40' gooseneck chassis

Production Dates : SEP 14, 2017 -SEP 14, 2017

VIN Range 1 :Begin : 5ef3gc406jb789934 End : 5EF3GC406JB789934

☐ Not sequential

Vehicle 23 : 2018-2018 Cheetah 8400GNFF2

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 20/40 maximizer chassis

Production Dates : APR 13, 2017 -AUG 14, 2017

VIN Range 1 :Begin : 5ef3gc40xjb789144 End : 5EF3GC407JB789148

☐ Not sequential

VIN Range 2 :Begin : 5ef3gc406jb789931 End : 5EF3GC408JB789932

☐ Not sequential

Vehicle 24 : 2017-2018 Cheetah 8400GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 40' gooseneck chassis

Production Dates : JUN 07, 2016 -MAR 30, 2017

VIN Range 1 :Begin : 5ef3sc435jb789237 End : 5ef3sc436jb789246

☐ Not sequential

Vehicle 25 : 2018-2018 Cheetah 7430DNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 43' tank chassis

Production Dates : DEC 15, 2016 - MAY 18, 2017

VIN Range 1 : Begin :	5ef2df439jb788924	End :	5ef2df438jb788932	☐ Not sequential
VIN Range 2 : Begin :	5ef2df431jb788447	End :	5EF2DF435JB788449	☐ Not sequential
VIN Range 3 : Begin :	5ef2df437jb788971	End :	5ef2df437jb789215	☐ Not sequential
VIN Range 4 : Begin :	5ef2df439jb789538	End :	5ef2df437jb789540	☐ Not sequential
VIN Range 5 : Begin :	5ef2df436jb789609	End :	5EF2DF436JB789612	☐ Not sequential
VIN Range 6 : Begin :	5ef2df431jb790294	End :	5EF2DF435JB790301	☐ Not sequential

Vehicle 26 : 2017-2017 Cheetah 8310SNFSX

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 31' bridgemaster chassis

Production Dates : NOV 02, 2016 - NOV 02, 2016

VIN Range 1 : Begin : 5EF3SC310HB788247 End : 5EF3SC312HB788251 ☐ Not sequential

Vehicle 27 : 2018-2018 Cheetah 9530SNFS4

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 46-53 heavy duty chassis

Production Dates : AUG 17, 2017 - AUG 22, 2017

VIN Range 1 : Begin : 5ef4sc533jb790356 End : 5EF4SC535JB790357 ☐ Not sequential

Vehicle 28 : 2018-2018 Cheetah 9530SNFS4

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 46-53 heavy duty chassis

Production Dates : AUG 17, 2017 - AUG 22, 2017

VIN Range 1 : Begin : 5EF4SC539JB789910 End : 5EF4SC534JB789913 ☐ Not sequential

Vehicle 29 : 2017-2017 Cheetah 8400GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 40' gooseneck chassis

Production Dates : JUN 07, 2016 - JUN 07, 2016

VIN Range 1 : Begin : 5EF3GC408HB787094 End : 5EF3GC408HB787094 ☐ Not sequential

Vehicle 30 : 2018-2018 Cheetah 7430DNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 43' tank chassis

Production Dates : MAR 13, 2017 - MAR 15, 2017

VIN Range 1 : Begin : 5ef2df434jb788958 End : 5EF2DF435JB788967

☐ Not sequential

Vehicle 31 : 2017-2017 Cheetah 8450GNFF0

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : 43' tank chassis

Production Dates : DEC 15, 2016 - JAN 18, 2017

VIN Range 1 : Begin : 5EF2DF43XHB788344 End : 5EF2DF430HB788353

☐ Not sequential**Description of Defect :**

Description of the Defect : The quick release valve installed on the recall population has a diaphragm that is not intended for use with constant pressure in the supply side of the brake system. When used under constant pressure, the diaphragm may degrade and develop pin holes. These pin holes, if they develop, allow air to escape from the exhaust port of the quick release valve. The loss of air from the quick release valve may allow the emergency brakes to gradually apply.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A gradual application of the emergency brakes may cause them 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.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

- (a) In July 2017, Cheetah received a customer complaint about a leaking quick release valve.
- (b) Between July 2017 and August 2017, Cheetah received two more complaints from the same customer regarding leaking quick release valves.
- (c) In August 2017, upon review of photos forwarded by the customer, Cheetah determined that the valve diaphragm was degrading and sent several photos of the valves to Tramec Sloan LLC, the valve supplier, for analysis.
- (d) In mid-September, Cheetah received a complaint about a leaking quick release valve from a second customer.
- (e) On September 26, 2017, Tramec Sloan LLC notified Cheetah that the cause of the diaphragm degradation was constant pressure on the valve by the supply air from the brake system.
- (f) On September 28, 2017, after review of the brake system plumbing, Cheetah determined that a potential safety defect existed.

Description of Remedy :

Description of Remedy Program : : Cheetah will supply customers with repair kits for the installation of heavy duty diaphragms in the quick release valves. The remedy plan will be set forth in greater detail in the proposed customer notification letter to be provided to NHTSA within 45 days from the date hereof. Cheetah will notify all affected customers within 5 days of NHTSA's approval of the proposed customer notification letter.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Customer letters will be mailed upon approval.

Planned Dealer Notification Date : DEC 04, 2017 - DEC 04, 2017

Planned Owner Notification Date : DEC 04, 2017 - DEC 04, 2017

* NR - Not Reported