

# Part 573 Safety Recall Report

# 16V-338

**Manufacturer Name :** Stoughton Trailers, LLC

**Submission Date :** OCT 31, 2016

**NHTSA Recall No. :** 16V-338

**Manufacturer Recall No. :** NR



## Manufacturer Information :

**Manufacturer Name :** Stoughton Trailers, LLC

**Address :** 416 South Academy Street  
Stoughton WI 53589-0606

**Company phone :** 608-873-2500

## Population :

**Number of potentially involved :** 2,469

**Estimated percentage with defect :** 95 %

## Vehicle Information :

Vehicle 1 : 2015-2017 STOUGHTON AVW  
Vehicle Type : TRAILERS  
Body Style : VAN  
Power Train : NR

Descriptive Information : Recall only covers certain AVW model trailers that were special ordered with Bendix SR-5 spring brake valves.

Production Dates : MAR 13, 2014 - MAY 23, 2016

VIN Range 1 : Begin : 1DW1A5326GS673900	End : 1DW1A5327GS673999	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin : 1DW1A5320FS523800	End : 1DW1A5321FS523899	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin : 1DW1A4010FS539601	End : 1DW1A4012FS539650	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin : 1DW1A4014FS540301	End : 1DW1A4016FS540350	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin : 1DW1A4828FS593001	End : 1DW1A4823FS593018	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin : 1DW1A5327HS713600	End : 1DW1A5328HS713600	<input type="checkbox"/> Not sequential
VIN Range 7 : Begin : 1DW1A4211FS593101	End : 1DW1A4217FS593104	<input type="checkbox"/> Not sequential
VIN Range 8 : Begin : 1DW1A281XFS598101	End : 1DW1A281XFS598101	<input type="checkbox"/> Not sequential
VIN Range 9 : Begin : 1DW1A5324FS599200	End : 1DW1A5325FS599299	<input type="checkbox"/> Not sequential
VIN Range 10 : Begin : 1DW1A5321GS611000	End : 1DW1A5322GS611099	<input type="checkbox"/> Not sequential
VIN Range 11 : Begin : 1DW1A5326GS640900	End : 1DW1A5327GS640999	<input type="checkbox"/> Not sequential
VIN Range 12 : Begin : 1DW1A3516GS644101	End : 1DW1A3516GS644101	<input type="checkbox"/> Not sequential
VIN Range 13 : Begin : 1DW1A4013GS644201	End : 1DW1A4013GS644201	<input type="checkbox"/> Not sequential
VIN Range 14 : Begin : 1DW1A4824GS644401	End : 1DW1A4825GS644410	<input type="checkbox"/> Not sequential
VIN Range 15 : Begin : 1DW1A4525GS650101	End : 1DW1A4521GS650175	<input type="checkbox"/> Not sequential
VIN Range 16 : Begin : 1DW1A5322GS651201	End : 1DW1A5325GS651225	<input type="checkbox"/> Not sequential
VIN Range 17 : Begin : 1DW1A4014GS648600	End : 1DW1A4520GS648725	<input type="checkbox"/> Not sequential
VIN Range 18 : Begin : 1DW1A5321HS713608	End : 1DW1A5321HS713611	<input type="checkbox"/> Not sequential
VIN Range 19 : Begin : 1DW1A5325HS713613	End : 1DW1A5327HS713614	<input type="checkbox"/> Not sequential
VIN Range 20 : Begin : 1DW1A5320HS713616	End : 1DW1A5322HS713617	<input type="checkbox"/> Not sequential
VIN Range 21 : Begin : 1DW1A5328HS713623	End : 1DW1A5329HS713632	<input type="checkbox"/> Not sequential
VIN Range 22 : Begin : 1DW1A5322HS713634	End : 1DW1A5321HS713639	<input type="checkbox"/> Not sequential
VIN Range 23 : Begin : 1DW1A532XHS713641	End : 1DW1A532XHS713641	<input type="checkbox"/> Not sequential
VIN Range 24 : Begin : 1DW1A5323HS713643	End : 1DW1A5328HS713699	<input type="checkbox"/> Not sequential
VIN Range 25 : Begin : 1DW1A5320FS523800	End : 1DW1A5321FS523899	<input type="checkbox"/> Not sequential
VIN Range 26 : Begin : 1DW1A4520HS733517	End : 1DW1A4520HS733517	<input type="checkbox"/> Not sequential
VIN Range 27 : Begin : 1DW1A4524HS733519	End : 1DW1A4524HS733519	<input type="checkbox"/> Not sequential
VIN Range 28 : Begin : 1DW1A4524HS733522	End : 1DW1A4528HS733524	<input type="checkbox"/> Not sequential
VIN Range 29 : Begin : 1DW1A4521HS733526	End : 1DW1A4523HS733527	<input type="checkbox"/> Not sequential
VIN Range 30 : Begin : 1DW1A4527HS733529	End : 1DW1A4527HS733529	<input type="checkbox"/> Not sequential
VIN Range 31 : Begin : 1DW1A4524HS733536	End : 1DW1A4524HS733536	<input type="checkbox"/> Not sequential
VIN Range 32 : Begin : 1DW1A4528HS733538	End : 1DW1A452XHS733542	<input type="checkbox"/> Not sequential
VIN Range 33 : Begin : 1DW1A4523HS733544	End : 1DW1A4522HS733549	<input type="checkbox"/> Not sequential
VIN Range 34 : Begin : 1DW1A4520HS733551	End : 1DW1A4520HS733551	<input type="checkbox"/> Not sequential
VIN Range 35 : Begin : 1DW1A4524HS733553	End : 1DW1A4529HS733564	<input type="checkbox"/> Not sequential
VIN Range 36 : Begin : 1DW1A4522HS733566	End : 1DW1A4524HS733567	<input type="checkbox"/> Not sequential
VIN Range 37 : Begin : 1DW1A4528HS733569	End : 1DW1A4528HS733572	<input type="checkbox"/> Not sequential

Vehicle 2 : 2017-2017 STOUGHTON AVXW

Vehicle Type : TRAILERS

Body Style : VAN

Power Train : NR

Descriptive Information : Recall only covers certain AVXW model trailers that were special ordered with Bendix SR-5 spring brake valves.

Production Dates : MAR 23, 2016 - MAR 24, 2016

VIN Range 1 : Begin : 1DW1A5323HS709401 End : 1DW1A532XHS709430  Not sequential

Vehicle 3 : 2015-2017 STOUGHTON ZGPVW

Vehicle Type : TRAILERS

Body Style : VAN

Power Train : NR

Descriptive Information : Recall only covers certain ZGVW model trailers that were special ordered with Bendix SR-5 spring brake valves.

Production Dates : APR 15, 2014 - JAN 21, 2016

VIN Range 1 : Begin : 1DW1A5329FB539901 End : 1DW1A5328FB539906  Not sequential

VIN Range 2 : Begin : 1DW1A5322FB574201 End : 1DW1A5321FB574206  Not sequential

VIN Range 3 : Begin : 1DW1A5328FB584201 End : 1DW1A5320FB584208  Not sequential

VIN Range 4 : Begin : 1DW1A5324GB611301 End : 1DW1A5329GB611309  Not sequential

VIN Range 5 : Begin : 1DW1A5321GB650301 End : 1DW1A5326GB650309  Not sequential

VIN Range 6 : Begin : 1DW1A482XGB657301 End : 1DW1A4821GB657302  Not sequential

VIN Range 7 : Begin : 1DW1A4827GB657501 End : 1DW1A4827GB657501  Not sequential

VIN Range 8 : Begin : 1DW1A5324GB657601 End : 1DW1A5325GB657610  Not sequential

VIN Range 9 : Begin : 1DW1A5326GB675601 End : 1DW1A5327GB675610  Not sequential

VIN Range 10 : Begin : 1DW1A4821GB679901 End : 1DW1A4823GB679902  Not sequential

VIN Range 11 : Begin : 1DW1A482XGS687401 End : 1DW1A482XGS687401  Not sequential

VIN Range 12 : Begin : 1DW1A482XHB710001 End : 1DW1A4821HB710095  Not sequential

Vehicle 4 : 2016-2016 STOUGHTON DVW

Vehicle Type : TRAILERS

Body Style : VAN

Power Train : NR

Descriptive Information : Recall only covers certain DVW model trailers that were special ordered with Bendix SR-5 spring brake valves.

Production Dates : APR 13, 2015 - SEP 24, 2015

VIN Range 1 : Begin : 1DW1A2812GS644800 End : 1DW1A2816GS645996  Not sequential

VIN Range 2 : Begin : 1DW1A331XGS684801 End : 1DW1A3313GS684803  Not sequential

## Description of Defect :

**Description of the Defect :** SR-5 Trailer spring brake valve bodies were machined without a radius on an internal check valve seat.

The Bendix SR-5 trailer spring brake valve installed on the trailers are being recalled by the manufacture Bendix Commercial Vehicle Systems LLC. The Bendix recall number is 16E045 and the SR-5 valves included have a supplier code "IKD" located on the valve body and were manufactured between January 1, 2014 and March 4, 2016.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Under certain conditions, primarily off-highway or in the trailer yards, there can be a delay in the application of the spring brakes to park the trailer after the operator pulls the dash valve button. This slow to park condition may lead to trailer roll away after decoupling from the tractor.

**Description of the Cause :** A check valve seat radius was improperly machined which may cause the check valve to hang up and not properly seat.

**Identification of Any Warning that can Occur :** While the trailer slow to park event can happen without warning, a trailer experiencing the condition will have an audible air leak from the dash mounted park control valve or red gladhand when it is disconnected, prior to tractor decoupling. This leakage will continue until the trailer reservoirs and spring brake chambers are depleted of air pressure.

## Supplier Identification :

### Component Manufacturer

Name : Bendix Commercial Vehicle Systems, LLC

Address : 901 Cleaveland Street  
Elyria OHIO 44035

Country : United States

## Chronology :

5/9/16: Bendix informed Stoughton Trailers of defect and pending recall 16E045.

5/10/16: Conference call with Bendix provided details of the recall and action required by Stoughton trailers.

5/12/16: Completed inspection of 120 trailers with Bendix SR-5 valves at Stoughton Trailers and stock inventory of valves. 11 trailers found to have valves included in the recall population which were subsequently changed out before shipping and the recalled valves returned to Bendix. 7 valves in inventory were inspected and found to have been produced after the recall valve manufacturing dates.

## Description of Remedy :

**Description of Remedy Program :** The supplier of the SR-5 valve, Bendix Commercial Vehicle Systems LLC, has developed a remedy and has agreed to administer the campaign. They will handle the notification of the owners of the vehicles, provide the no-cost permanent remedy kit – Bendix part number K140496 and installation instructions. With the notification to the customer Bendix will include information on how to submit a claim, which is also available on their Product Action Center website ([http://www.bendix.com/en/servicessupport/recallcenter/recallcenter\\_1.jsp](http://www.bendix.com/en/servicessupport/recallcenter/recallcenter_1.jsp)).

The remedy provided by Bendix involves loosening the control piston cover plate, rotating the plate slightly to expose a port in the body of the valve, inserting a check valve cartridge in the port, then re-installing the piston cover plate. The full Installation Instructions for Bendix Recall Campaign No. 16E045 Field Repair Kit for the Bendix SR-5 Trailer Spring Brake valve is available on their Product Action Center website.

**How Remedy Component Differs from Recalled Component :** The presence of a tie wrap in the SR-5 valve identification hole indicates the valve has already been repaired and no further action is necessary. SR-5 valves that do not have a tie wrap in this hole can be identified by the supplier code and the date of manufacture located on the valve body. Verification of both is required to determine if the valve is a part of the campaign. Valves covered by this campaign must meet the following criteria:

1. The supplier code of "IKD"; and
2. The date of manufacture between January 1, 2014 and March 4, 2016, inclusive. To verify the date code see Bendix Technical Bulletin No. TCH-003-054 submitted by Bendix as part of their Recall submission 16E045.

**Identify How/When Recall Condition was Corrected in Production :** Bendix has informed us that the valve machining issue was addressed as of March 5, 2016. Stoughton Trailers was notified of the issue on 5/10/16. All trailers produced after this date and 120 trailers produced prior to this date were inspected at Stoughton Trailers by 5/12/16 and will not be a part of this recall.

## Recall Schedule :

**Description of Recall Schedule :** Interim notification of owners will be conducted by Stoughton Trailers. Final notification of owners will be from Bendix Commercial Vehicle Systems LLC.

Stoughton Trailers will send out the dealer notification.

**Planned Dealer Notification Date :** NR - NR

**Planned Owner Notification Date :** JUL 22, 2016 - NR

\* NR - Not Reported