

Part 573 Safety Recall Report

17V-259

Manufacturer Name : Stoughton Trailers, LLC**Submission Date :** APR 19, 2017**NHTSA Recall No. :** 17V-259**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 : 4,188

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2018 STOUGHTON DAVW-285S

Vehicle Type : TRAILERS

Body Style : VAN

Power Train : NR

Descriptive Information : Stoughton Trailers is issuing a recall that covers certain 28 ft dry van single axle trailers with channel suspension subframes that have one crossmember centered over certain types of front suspension hangers.

Production Dates : FEB 09, 2016 - FEB 21, 2017

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2017-2018 STOUGHTON DVW-285S

Vehicle Type : TRAILERS

Body Style : VAN

Power Train : NR

Descriptive Information : Stoughton Trailers is issuing a recall that covers certain 28 ft dry van single axle trailers with channel suspension subframes that have one crossmember centered over certain types of front suspension hangers.

Production Dates : FEB 09, 2016 - FEB 21, 2017

VIN Range 1 : Begin : NR End : NR

 Not sequential

Description of Defect :

Description of the Defect : The defect is cracks developing in the outside weld that attaches the front suspension hangers to the channel subframe.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If not addressed the cracks in the front hanger to channel subframe outer side welds will continue to propagate, eventually allowing the other front hanger welds to crack. This can result in the front hanger detaching from the subframe and the axle assembly breaking loose from the trailer which can cause the truck/trailer combination to lose control.

Description of the Cause : The suspension channel subframe has one crossmember centered over the front hangers which does not provide adequate stiffness to the lower flanges of the C-channel where the fore and aft ends of the front hangers are welded. This has resulted in stress concentrations at the end of the outside hanger welds allowing cracks to form.

Identification of Any Warning that can Occur : Look for cracks in front hanger to suspension subframe channel outer side weld.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

4/5/17: Received first notification of cracks in front hanger side welds from the field.

4/11/17: Reviewed collected data and analysis. Initiated changes to current production and development of field repair. Quarantined affected trailers not yet delivered.

4/13/17: Determined that two customers are affected by the issue therefore warranted initiating a recall.

Description of Remedy :

Description of Remedy Program : The suspension front hanger welds are to be inspected for cracks and quality then repaired as needed. Then gussets are to be added inside the subframe channels directly over the ends of the front hangers. Parts will

be provided and cost for repairs will be reimbursed.

How Remedy Component Differs
from Recalled Component :

NR

Identify How/When Recall Condition
was Corrected in Production :

As of 4/11/17 the front hanger outside weld specification was updated and reinforcement gussets were added inside the subframe channels above the ends of the front hangers on new production. All affected trailers started between 3/20/17 and 4/11/17 were quarantined until the hanger attachment welds are inspected and the subframe channel gussets are installed.

Recall Schedule :

Description of Recall Schedule : TBD

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported