



REPAIR DOCUMENT

Hopper Bulkhead Upgrade

Repair Document #: **RD-00035**

Date: August 1, 2012

Revision: B

Revision Date: March 15, 2013

Contact Information:

If you have any questions about this Repair Document please contact the Stoughton Trailers Customer Service Department by telephone (608)-873-2555 or by email (warranty@stoughtontrailers.com).

Subject:

Procedure to improve the durability of the model years 2009, 2010, 2011, and 2012 Stoughton Ag Hopper Trailers center divider, which separates the two hoppers.

Models:

Trailers benefiting from this upgrade can be identified by the following:

1. Model: AHV
2. Model Years: 2009, 2010, 2011, 2012
 - a. VIN Model Year Date Codes of 9, A, B, and C
3. Date of Manufacture: December 2007 thru November 2011

Code	Year	Code	Year
Y =	2000	A =	2010
1 =	2001	B =	2011
2 =	2002	C =	2012
3 =	2003	D =	2013
4 =	2004	E =	2014
5 =	2005	F =	2015
6 =	2006	G =	2016
7 =	2007	H =	2017
8 =	2008	J =	2018
9 =	2009	K =	2019

Figure 1: Model Year Date Code character

MFD BY **STOUGHTON**
STOUGHTON TRAILERS, LLC
STOUGHTON, WI. USA

DATE OF MANUFACTURE **08/11** → DATE BUILT

GVWR **31751** KILOGRAMS **70000** POUNDS

GAWR ALL AXLES 9072 KILOGRAMS (20000 POUNDS)
WITH 11R22.5 (G) TIRES, 22.5X8.25 RIMS
AT 621 KPA (90 PSI) COLD DUAL

CERTIFICATION - THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.

VIN **1DW1A422X C 331405** → ORDER NUMBER
→ UNIT NUMBER

OVERALL HEIGHT **10'-4"** WITH 5th WHL. HT. **48"** → MODEL YEAR DATE

MODEL **AHV-121TAR-A** → Model: AG HOPPER
TYPE - TRAILER

Figure 2: Stoughton Trailers VIN

Issue:

It has been found that in some cases the center divider which separates the two hoppers may become no longer fastened to the trailer side wall.

Remedy:

In order to maintain the connection from the center divider to the side wall fasteners will be replaced with larger and stronger fasteners and also extra fasteners will be added.

Warning:

During all steps of the repair and modification procedures one must use appropriate safety precautions.

- Use personal safety equipment when working on any trailer (i.e. safety glasses, hearing protection, safety shoes, etc.).
- Trailer must be supported at all times to prevent movement throughout the modification process.
 - Check landing gear is in proper working order prior to modification
- The trailer must be completely empty before any repairs or modifications are made.

UPGRADE PROCEDURE:**Work to be Performed**

1. Replace rivets at the ends of the stiffeners with 5/16in bolts.
2. Add additional 1/4in mono-bolts between the existing fasteners along each edge.

Parts Required

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
04-97072	Rivet, Mono-bolt, 1/4in	10
04-95120-125	Bolt, 5/16 x 1 ¼, SS302	8
04-95502	Locknut, 5/16	8

Procedure:

1. Remove fasteners at bulkhead edges next to sidewall, 4 each end, 8 total. Figures 3 and 4.
 - a. Drill holes out to 5/16, install 5/16 x 1 ¼ bolts and locknuts. Torque nut on outside of hopper to 12 ft-lb.

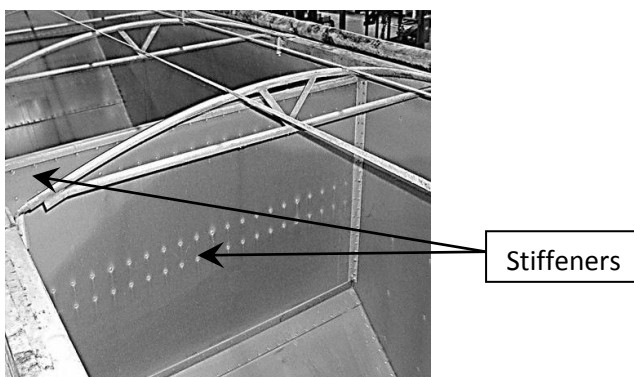


Figure 3,

2. Install 1/4 Mono-bolts between stiffeners and between existing rivets, 5 each side.

