



## REPAIR DOCUMENT

### Ag Hopper Trailer Coupler to Hopper Structure Upgrade

Repair Document #: **RD-00037**

Date: September 6, 2012

Revision: **A**

Revision Date: N/A

#### 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:

Recommended upgrade procedure on Ag Hopper trailers in the lower structure between the upper coupler and the front hopper. The upgrade on Model Years 2010, 2011 and 2012 Stoughton Ag Hopper trailers will improve lateral stability in the area resulting in increased durability of the unit.

#### Models:

Trailers that qualify for this upgrade can be identified by the following:

1. Model: AHV
2. Model Years: 2010, 2011 and 2012
  - a. VIN Model Year Date Codes of A, B & C
3. Date of Manufacture: November 2009 thru December 2011.
4. Reference Appendix A for a complete list of units covered.
5. Order numbers covered are within the range of 2049 to 3443.
6. NOTE: MY2012 UNITS DELIVERED IN 2012 WERE MODIFIED BEFORE DELIVERY

| 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

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

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

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 **1DW1A422** **C** **3314** **08** → ORDER NUMBER  
→ UNIT NUMBER  
→ MODEL YEAR DATE  
→ Model: AG HOPPER

OVERALL HEIGHT **10'-4"** WIDTH **48"**

MODEL **AHV-211A-A**  
TYPE - TRAILER

Figure 2: Stoughton Trailers VIN plate

**Issue:**

The upgrades addresses the lateral stability of the bottom rail in the immediate area forward of the landing gear and front hopper. Lateral movement in this area allows the bottom rail and steel internal structure to flex side to side between the two crossmembers forward of the hopper. Excessive flexing can cause fatigue cracks and fastener failure.

**Remedy:**

The upgrades must be performed by a STOUGHTON TRAILER Ag Hopper dealer or an authorized repair shop.

STOUGHTON trailers covered by this document are end of Model Year 2010 through Model Year 2012 Ag Hoppers that have two steel crossmember forward of the front hopper with short shear plates between them on each end (Fig 3) . A full width shear plate will be added between the two crossmembers connecting their top flanges. The 3/8" Huck fasteners attaching the diagonal brace channels between the hopper and the upper coupler will be replaced with 1/2" bolts. Gussets will be added to the aft corners of the coupler. Rivets across front slope where it attaches to steel crossmember will be changed to bolts at the ends.

Steel Crossmember



Figure 3: Later unit with a rear steel crossmember

**Warning:**

During all steps of the repair and upgrade 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 upgrade process.
  - Check to insure landing gear is in proper working order and providing proper support prior to upgrade.
- The trailer must be empty before any repairs or upgrades are made.

### **Inspection:**

Fatigue in the bottom rail and internal structure just forward of the landing gear and front hopper could result in condition shown below. The inspection process must determine whether this condition exist, if so it must be repaired before installing the upgrade.

#### **1. Crack in crossmember top flanges just inboard of the short shear plate**

- a. If found, grind a groove were crack exist and weld before installation of new shear plate.



Figure 5

Possible cracking

### **UPGRADE PROCEDURE:**

#### **Work to be Performed:**

- Full width shear plate installed between two crossmembers immediately ahead of forward hopper
- Gussets installed at aft corners of upper coupler
- Diagonal cross-brace 3/8" fasteners replaced with 1/2" bolts
- Upgrade fasteners attaching crossmember to front hopper forward slope
- Install a Diamondply cover aft of the coupler frame.

#### **Parts Required:**

| <u>Part Number</u> | <u>Description</u>            | <u>Quantity</u> |
|--------------------|-------------------------------|-----------------|
| 01-26767-001       | Crossmember Reinforcing Plate | 1               |
| 01-26766-001       | 1/4 X 4 Reinforcing Bar       | 2               |
| 04-95120-125       | 5/16-18 X 1 1/4, SS302        | 50              |
| 04-95502           | Locknut, 5/16-18              | 50              |
| 04-95119-125       | Bolt, 1/2-13 X 1 1/4 Grade 8  | 16              |
| 04-95579           | Locknut, 1/2-13               | 16              |
| 04-26885           | Cover                         | 1               |
| 04-97078           | 3/16 Rivet                    | 14              |

## Tools

- Drill with
  - 17/32in Bit
  - Others sizes may be necessary
- Welding Equipment
- Grinder
- Clamps

## Procedure

1. At both ends of the two diagonal crossmember channels remove 3 of the 4 Huck fasteners, leaving one at each end to hold in them in place.
2. Enlarge holes to 17/32in diameter (Fig. 6).
3. Install 1/2in-13 x 1 1/4 Grd 8 bolts (04-95119-125). Torque to 110 ft-lb (Fig 7).



Figure 6



Figure 7

4. Once three 1/2in bolts are installed at each end repeat steps 1-3 for remaining Hucks.
5. Check the size and spacing of the rivets connecting the front slope of the forward hopper to the steel crossmember:
  - a. If 3/16" diameter on 2" or 3" centers
    - i. Remove all fasteners, drill out all holes to 5/16" and replace with 5/16" bolts
  - b. If 1/4" on 2" centers
    - i. Remove only the outside ten rivets at each end, drill out holes to 5/16" and replace with 5/16" bolts.
6. Grind paint off, and clean the crossmember and gusset areas to prepare for welds (Fig. 8 and 9).



Figure 8



Figure 9

7. Position steel gussets (01-26766-001) at front end of each diagonal cross-brace (Fig. 10) on the backside of the upper coupler crossmember. Locate at the top of side channel bottom inside radius and above the upper coupler rear crossmember bottom weld. Weld across top of gusset, full  $\frac{1}{4}$ " at each end.



Figure 10

8. Place shear plate (01-26767-001) on top and between two crossmembers.
9. Clamp plate down firmly to forward crossmembers and brace plate up to rear crossmember from underneath (Fig. 11 and 12).
10. Weld long edges of plate to top of both crossmembers using  $\frac{1}{4}$ " x 4" skip welds (4" weld then 4" spacing) starting at the ends. (Fig 13). Weld both ends (short edges) full length to existing short shear plates with  $\frac{1}{4}$ " welds.
11. Clean all welded areas and apply protective coating (i.e. black undercoating).

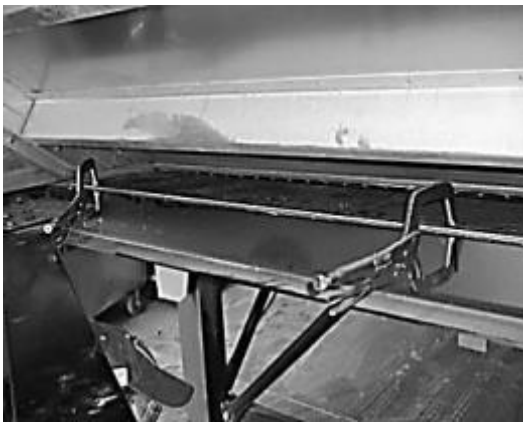


Figure 11



Figure 12



Figure 13

## Cover Installation

1. Center cover (04-26885) with the short leg of the bend facing up and against the lower most Z-crossmember on the slope (Fig 14).
2. Notch as required at each end where the cover meets the slope extrusion at the sidewalls. Clamp or hold in place.
3. Drill 8 holes across the top (7 equal spaces), 6 holes across the bottom (5 equal spaces). All holes to be .204 dia.
  - a. Maintain a minimum of 1" from any hole to any cover edge (fig 15).
4. Install 14 rivets (04-97078).



Figure 14



Figure 15

## **Appendix A.**

### **Stoughton Ag Hopper Trailers Subject To Upgrade**

## Model Year 2010 Stoughton Ag Hopper Trailers – Vehicle Identification Numbers

1DW1A4021AS204901  
1DW1A4221AS205401  
1DW1A3421AS206801  
1DW1A3423AS206802  
1DW1A3425AS206803  
1DW1A3425AS207501  
1DW1A4024AS207601  
1DW1A4028AS207701  
1DW1A402XAS208901  
1DW1A4228AS211101  
1DW1A4022AS211601  
1DW1A4026AS211701  
1DW1A3428AS212501  
1DW1A402XAS213001  
1DW1A4025AS213701  
1DW1A4027AS213702  
1DW1A4022AS214501  
1DW1A4024AS214502  
1DW1A4026AS214503  
1DW1A402XAS214701  
1DW1A4021AS214702  
1DW1A4023AS214703  
1DW1A4025AS214704  
1DW1A4029AS215001  
1DW1A4022AS215101



## Model Year 2011 Stoughton Ag Hopper Trailers – Vehicle Identification Numbers

|                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1DW1A4025BS214901 | 1DW1A4026BS229004 | 1DW1A4024BS237702 | 1DW1A4220BS241405 | 1DW1A4020BS246509 |
| 1DW1A4022BS218601 | 1DW1A4028BS229005 | 1DW1A4026BS237703 | 1DW1A4222BS241406 | 1DW1A4027BS246510 |
| 1DW1A4024BS218602 | 1DW1A4228BS229101 | 1DW1A4028BS237704 | 1DW1A4023BS241501 | 1DW1A4029BS246511 |
| 1DW1A4026BS218701 | 1DW1A422XBS229102 | 1DW1A402XBS237705 | 1DW1A402XBS242001 | 1DW1A4020BS246512 |
| 1DW1A4028BS218702 | 1DW1A4221BS229103 | 1DW1A4021BS237706 | 1DW1A4021BS242002 | 1DW1A4024BS247601 |
| 1DW1A3424BS218801 | 1DW1A4223BS229104 | 1DW1A4023BS237707 | 1DW1A4023BS242003 | 1DW1A4221BS248301 |
| 1DW1A3428BS218901 | 1DW1A4225BS229105 | 1DW1A4025BS237708 | 1DW1A4025BS242004 | 1DW1A4223BS248302 |
| 1DW1A342XBS218902 | 1DW1A4029BS229501 | 1DW1A4027BS237709 | 1DW1A4027BS242005 | 1DW1A4225BS248303 |
| 1DW1A3423BS221401 | 1DW1A4020BS229502 | 1DW1A4023BS237710 | 1DW1A4023BS242101 | 1DW1A4227BS248304 |
| 1DW1A3425BS221402 | 1DW1A4026BS229701 | 1DW1A4025BS238101 | 1DW1A4025BS242102 | 1DW1A4229BS248305 |
| 1DW1A4225BS222901 | 1DW1A4026BS230301 | 1DW1A4027BS238102 | 1DW1A4027BS242103 | 1DW1A4021BS248401 |
| 1DW1A4026BS223901 | 1DW1A402XBS230401 | 1DW1A402XBS238103 | 1DW1A3421BS242201 | 1DW1A4020BS248402 |
| 1DW1A4028BS223902 | 1DW1A4027BS231201 | 1DW1A4020BS238104 | 1DW1A3423BS242202 | 1DW1A4025BS248403 |
| 1DW1A4028BS224001 | 1DW1A4029BS231801 | 1DW1A4022BS238105 | 1DW1A3425BS242203 | 1DW1A4027BS248404 |
| 1DW1A402XBS224002 | 1DW1A4022BS231901 | 1DW1A4022BS238301 | 1DW1A3427BS242204 | 1DW1A4029BS248405 |
| 1DW1A4021BS224101 | 1DW1A4221BS232101 | 1DW1A4029BS238302 | 1DW1A3429BS242205 | 1DW1A4023BS248406 |
| 1DW1A4023BS224102 | 1DW1A4223BS232102 | 1DW1A4028BS239601 | 1DW1A342XBS242701 | 1DW1A4022BS248407 |
| 1DW1A4025BS224201 | 1DW1A4225BS232103 | 1DW1A402XBS239602 | 1DW1A4029BS242801 | 1DW1A402XBS249501 |
| 1DW1A4027BS224202 | 1DW1A4227BS232104 | 1DW1A4021BS239603 | 1DW1A4222BS243401 | 1DW1A4021BS249502 |
| 1DW1A4029BS224301 | 1DW1A4229BS232105 | 1DW1A4023BS239604 | 1DW1A4224BS243402 | 1DW1A4023BS249503 |
| 1DW1A4020BS224302 | 1DW1A4220BS232106 | 1DW1A4025BS239605 | 1DW1A4226BS243403 | 1DW1A4025BS249504 |
| 1DW1A4022BS224401 | 1DW1A4222BS232107 | 1DW1A4027BS239606 | 1DW1A4228BS243404 | 1DW1A4027BS249505 |
| 1DW1A4024BS224402 | 1DW1A4224BS232108 | 1DW1A4029BS239607 | 1DW1A422XBS243405 | 1DW1A4029BS249506 |
| 1DW1A402XBS224601 | 1DW1A4226BS232109 | 1DW1A4020BS239608 | 1DW1A4221BS243406 | 1DW1A4020BS249507 |
| 1DW1A4021BS224602 | 1DW1A4222BS232110 | 1DW1A4022BS239609 | 1DW1A4223BS243407 | 1DW1A4022BS249508 |
| 1DW1A4220BS224801 | 1DW1A4226BS233101 | 1DW1A4029BS239610 | 1DW1A4225BS243408 | 1DW1A4024BS249509 |
| 1DW1A3427BS225001 | 1DW1A4023BS233401 | 1DW1A4020BS239611 | 1DW1A4227BS243409 | 1DW1A4020BS249510 |
| 1DW1A4023BS225301 | 1DW1A4025BS233402 | 1DW1A4022BS239612 | 1DW1A4223BS243410 | 1DW1A4022BS249511 |
| 1DW1A4024BS225601 | 1DW1A3421BS233501 | 1DW1A4024BS239613 | 1DW1A4022BS243501 | 1DW1A4023BS249512 |
| 1DW1A4221BS225701 | 1DW1A4024BS233701 | 1DW1A4026BS239614 | 1DW1A4024BS243502 | 1DW1A4026BS249513 |
| 1DW1A4021BS225801 | 1DW1A4026BS233702 | 1DW1A4028BS239615 | 1DW1A4026BS243503 | 1DW1A4028BS249514 |
| 1DW1A4023BS225802 | 1DW1A4028BS233703 | 1DW1A402XBS239616 | 1DW1A4028BS243504 | 1DW1A4027BS250301 |
| 1DW1A4029BS225803 | 1DW1A402XBS233704 | 1DW1A4021BS239617 | 1DW1A4024BS244701 | 1DW1A4029BS250302 |
| 1DW1A4027BS225804 | 1DW1A4021BS233705 | 1DW1A4023BS239618 | 1DW1A4026BS244702 | 1DW1A4020BS250303 |
| 1DW1A4025BS225901 | 1DW1A4221BS233801 | 1DW1A4025BS239619 | 1DW1A4028BS244703 | 1DW1A4022BS250304 |
| 1DW1A4027BS225902 | 1DW1A4223BS233802 | 1DW1A4021BS239620 | 1DW1A402XBS244704 | 1DW1A4024BS250305 |
| 1DW1A4029BS226601 | 1DW1A4225BS233803 | 1DW1A4021BS239701 | 1DW1A4021BS244705 | 1DW1A4026BS250306 |
| 1DW1A4020BS226602 | 1DW1A4227BS233804 | 1DW1A4023BS239702 | 1DW1A4023BS244706 | 1DW1A4028BS250307 |
| 1DW1A4022BS226701 | 1DW1A4229BS233805 | 1DW1A4025BS239703 | 1DW1A4025BS244707 | 1DW1A402XBS250308 |
| 1DW1A4026BS226801 | 1DW1A342XBS234601 | 1DW1A4027BS239704 | 1DW1A4027BS244708 | 1DW1A4021BS250309 |
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| 1DW1A4026BS227401 | 1DW1A4024BS235402 | 1DW1A4020BS239706 | 1DW1A4025BS244710 | 1DW1A402XBS250311 |
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| 1DW1A402XBS227403 | 1DW1A4028BS235404 | 1DW1A4024BS239708 | 1DW1A4029BS244712 | 1DW1A4023BS250313 |
| 1DW1A4021BS227404 | 1DW1A402XBS235405 | 1DW1A4026BS239709 | 1DW1A4022BS246401 | 1DW1A4025BS250314 |
| 1DW1A4023BS227405 | 1DW1A4026BS235501 | 1DW1A4022BS239710 | 1DW1A4024BS246402 | 1DW1A4227BS251901 |
| 1DW1A4025BS227406 | 1DW1A4028BS235502 | 1DW1A4025BS239801 | 1DW1A4026BS246403 | 1DW1A4229BS251902 |
| 1DW1A4027BS227407 | 1DW1A402XBS235503 | 1DW1A4027BS239802 | 1DW1A4028BS246404 | 1DW1A4220BS251903 |
| 1DW1A4029BS227408 | 1DW1A4021BS235504 | 1DW1A4029BS239803 | 1DW1A402XBS246405 | 1DW1A4222BS251904 |
| 1DW1A4020BS227409 | 1DW1A4023BS235505 | 1DW1A4020BS239804 | 1DW1A4021BS246406 | 1DW1A4224BS251905 |
| 1DW1A4027BS227410 | 1DW1A4025BS235506 | 1DW1A4022BS239805 | 1DW1A4023BS246407 | 1DW1A4229BS252001 |
| 1DW1A402XBS227501 | 1DW1A4027BS235507 | 1DW1A4222BS239901 | 1DW1A4025BS246408 | 1DW1A4220BS252002 |
| 1DW1A4021BS227502 | 1DW1A4029BS235508 | 1DW1A4224BS239902 | 1DW1A4027BS246409 | 1DW1A4222BS252003 |
| 1DW1A4023BS227503 | 1DW1A4020BS235509 | 1DW1A4226BS239903 | 1DW1A4023BS246410 | 1DW1A4224BS252004 |
| 1DW1A4025BS227504 | 1DW1A4027BS235510 | 1DW1A4228BS239904 | 1DW1A4025BS246411 | 1DW1A4029BS252101 |
| 1DW1A4027BS227505 | 1DW1A4029BS237601 | 1DW1A422XBS239905 | 1DW1A4027BS246412 | 1DW1A4020BS252102 |
| 1DW1A4227BS227601 | 1DW1A4020BS237602 | 1DW1A4221BS240201 | 1DW1A4029BS246413 | 1DW1A4022BS252103 |
| 1DW1A4020BS227801 | 1DW1A4022BS237603 | 1DW1A4022BS241201 | 1DW1A4020BS246414 | 1DW1A4024BS252104 |
| 1DW1A4024BS228501 | 1DW1A4024BS237604 | 1DW1A4024BS241202 | 1DW1A4026BS246501 | 1DW1A4026BS252105 |
| 1DW1A4028BS228601 | 1DW1A4026BS237605 | 1DW1A4026BS241203 | 1DW1A4028BS246502 | 1DW1A4023BS253101 |
| 1DW1A4225BS228701 | 1DW1A4028BS237606 | 1DW1A4028BS241204 | 1DW1A402XBS246503 | 1DW1A4025BS253102 |
| 1DW1A4229BS228801 | 1DW1A402XBS237607 | 1DW1A402XBS241205 | 1DW1A4021BS246504 | 1DW1A4027BS253103 |
| 1DW1A4222BS228901 | 1DW1A4021BS237608 | 1DW1A4223BS241401 | 1DW1A4023BS246505 | 1DW1A4029BS253104 |
| 1DW1A4020BS229001 | 1DW1A4023BS237609 | 1DW1A4225BS241402 | 1DW1A4025BS246506 | 1DW1A4020BS253105 |
| 1DW1A4022BS229002 | 1DW1A402XBS237610 | 1DW1A4227BS241403 | 1DW1A4027BS246507 | 1DW1A4022BS253106 |
| 1DW1A4024BS229003 | 1DW1A4022BS237701 | 1DW1A4229BS241404 | 1DW1A4029BS246508 | 1DW1A4024BS253107 |

## Model Year 2011 Stoughton Ag Hopper Trailers – Vehicle Identification Numbers

|                   |                   |
|-------------------|-------------------|
| 1DW1A4026BS253108 | 1DW1A4023BS260209 |
| 1DW1A4028BS253109 | 1DW1A402XBS260210 |
| 1DW1A4024BS253110 | 1DW1A402XBS261101 |
| 1DW1A4026BS253111 | 1DW1A3428BS261201 |
| 1DW1A4028BS253112 | 1DW1A342XBS261202 |
| 1DW1A402XBS253113 | 1DW1A3421BS261203 |
| 1DW1A4021BS253114 | 1DW1A3423BS261204 |
| 1DW1A4226BS254501 | 1DW1A3425BS261205 |
| 1DW1A4228BS254502 | 1DW1A3427BS261206 |
| 1DW1A422XBS254503 | 1DW1A3429BS261207 |
| 1DW1A4221BS254504 | 1DW1A3420BS261208 |
| 1DW1A4223BS254505 | 1DW1A3422BS261209 |
| 1DW1A4225BS254506 | 1DW1A3429BS261210 |
| 1DW1A4227BS254507 | 1DW1A3420BS261211 |
| 1DW1A4229BS254508 | 1DW1A4023BS263501 |
| 1DW1A4220BS254509 | 1DW1A4228BS263801 |
| 1DW1A4227BS254510 | 1DW1A422XBS263802 |
| 1DW1A4229BS254511 | 1DW1A4221BS263803 |
| 1DW1A4220BS254512 | 1DW1A4223BS263804 |
| 1DW1A4222BS254513 | 1DW1A4225BS263805 |
| 1DW1A4224BS254514 | 1DW1A4227BS263806 |
| 1DW1A3424BS255301 | 1DW1A4028BS263901 |
| 1DW1A4220BS256101 | 1DW1A402XBS263902 |
| 1DW1A4222BS256102 | 1DW1A4021BS263903 |
| 1DW1A4224BS256103 | 1DW1A4023BS263904 |
| 1DW1A4226BS256104 | 1DW1A4025BS263905 |
| 1DW1A4228BS256105 | 1DW1A402XBS264001 |
| 1DW1A422XBS256106 | 1DW1A4021BS264002 |
| 1DW1A4221BS256107 | 1DW1A4023BS264003 |
| 1DW1A4223BS256108 | 1DW1A4025BS264004 |
| 1DW1A4225BS256109 | 1DW1A4027BS264005 |
| 1DW1A4221BS256110 | 1DW1A4029BS264006 |
| 1DW1A4223BS256111 | 1DW1A4020BS264007 |
| 1DW1A4225BS256112 | 1DW1A4022BS264008 |
| 1DW1A4227BS256113 | 1DW1A4227BS264101 |
| 1DW1A4229BS256114 | 1DW1A4229BS264102 |
| 1DW1A3426BS257101 | 1DW1A4220BS264103 |
| 1DW1A3428BS257102 | 1DW1A4222BS264104 |
| 1DW1A4025BS257201 | 1DW1A4228BS264401 |
| 1DW1A4022BS257401 | 1DW1A4229BS264701 |
| 1DW1A4024BS257402 | 1DW1A4224BS266601 |
| 1DW1A4026BS257403 | 1DW1A4226BS266602 |
| 1DW1A4028BS257404 | 1DW1A4228BS266603 |
| 1DW1A402XBS257405 | 1DW1A422XBS266604 |
| 1DW1A4021BS257406 | 1DW1A4221BS268001 |
| 1DW1A4023BS257407 | 1DW1A4223BS268002 |
| 1DW1A4025BS257408 | 1DW1A4225BS268003 |
| 1DW1A4027BS258401 | 1DW1A4022BS269001 |
| 1DW1A4024BS259201 | 1DW1A4024BS269002 |
| 1DW1A4026BS259202 | 1DW1A4026BS269003 |
| 1DW1A4028BS259203 | 1DW1A4028BS269004 |
| 1DW1A402XBS259204 | 1DW1A402XBS269005 |
| 1DW1A4021BS259205 | 1DW1A4021BS269006 |
| 1DW1A3427BS259701 | 1DW1A4023BS269007 |
| 1DW1A3429BS259702 | 1DW1A4022BS270701 |
| 1DW1A3420BS259703 | 1DW1A4024BS270702 |
| 1DW1A3422BS259704 |                   |
| 1DW1A4025BS260101 |                   |
| 1DW1A4029BS260201 |                   |
| 1DW1A4020BS260202 |                   |
| 1DW1A4022BS260203 |                   |
| 1DW1A4024BS260204 |                   |
| 1DW1A4026BS260205 |                   |
| 1DW1A4028BS260206 |                   |
| 1DW1A402XBS260207 |                   |
| 1DW1A4021BS260208 |                   |

## Model Year 2012 Stoughton Ag Hopper Trailers – Vehicle Identification Numbers

|                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1DW1A402XCS317801 | 1DW1A4025CS326907 | 1DW1A4225CS330405 | 1DW1A4227CS333807 | 1DW1A4027CS342204 |
| 1DW1A4021CS317802 | 1DW1A4027CS326908 | 1DW1A4227CS330406 | 1DW1A4229CS333808 | 1DW1A4029CS342205 |
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| 1DW1A4025CS317804 | 1DW1A4025CS326910 | 1DW1A4220CS330408 | 1DW1A4227CS333810 | 1DW1A4220CS342302 |
| 1DW1A4027CS317805 | 1DW1A4026CS327001 | 1DW1A4222CS330409 | 1DW1A422XCS333901 | 1DW1A4222CS342303 |
| 1DW1A4029CS317806 | 1DW1A4028CS327002 | 1DW1A4229CS330410 | 1DW1A4221CS333902 | 1DW1A4224CS342304 |
| 1DW1A4020CS317807 | 1DW1A402XCS327003 | 1DW1A4226CS330901 | 1DW1A4223CS333903 | 1DW1A4226CS342305 |
| 1DW1A4022CS317808 | 1DW1A4021CS327004 | 1DW1A4228CS330902 | 1DW1A4225CS333904 | 1DW1A4029CS342401 |
| 1DW1A4024CS317809 | 1DW1A4023CS327005 | 1DW1A422XCS330903 | 1DW1A4227CS333905 | 1DW1A4020CS342402 |
| 1DW1A4020CS317810 | 1DW1A402XCS327101 | 1DW1A4025CS331301 | 1DW1A4223CS336901 | 1DW1A4022CS342501 |
| 1DW1A4022CS317811 | 1DW1A4021CS327102 | 1DW1A4027CS331302 | 1DW1A4022CS337301 | 1DW1A4024CS342502 |
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| 1DW1A4028CS317814 | 1DW1A4027CS327105 | 1DW1A4022CS331305 | 1DW1A4028CS337304 | 1DW1A402XCS342505 |
| 1DW1A402XCS317815 | 1DW1A4227CS327201 | 1DW1A4222CS331401 | 1DW1A402XCS337305 | 1DW1A4021CS342506 |
| 1DW1A4227CS317901 | 1DW1A4229CS327202 | 1DW1A4022CS331402 | 1DW1A422XCS337401 | 1DW1A4026CS342507 |
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| 1DW1A4220DS322004 | 1DW1A4020CS327303 | 1DW1A402XCS331603 | 1DW1A4022CS337508 | 1DW1A4028CS342518 |
| 1DW1A4222DS322005 | 1DW1A4022CS327304 | 1DW1A4021CS331604 | 1DW1A4024CS337509 | 1DW1A402XCS342519 |
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| 1DW1A4221CS325802 | 1DW1A4226CS328808 | 1DW1A3422CS333303 | 1DW1A4020CS337703 | 1DW1A4020CS342528 |
| 1DW1A4223CS325803 | 1DW1A4228CS328809 | 1DW1A4025CS333601 | 1DW1A4022CS337704 | 1DW1A4022CS342529 |
| 1DW1A4225CS325804 | 1DW1A4224CS328810 | 1DW1A4027CS333602 | 1DW1A4024CS337705 | 1DW1A4029CS342530 |
| 1DW1A4227CS325805 | 1DW1A4227CS328901 | 1DW1A4029CS333603 | 1DW1A4020CS337801 | 1DW1A4020CS342531 |
| 1DW1A4229CS325806 | 1DW1A4229CS328902 | 1DW1A4020CS333604 | 1DW1A4027CS341201 | 1DW1A4022CS342532 |
| 1DW1A4220CS325807 | 1DW1A4220CS328903 | 1DW1A4022CS333605 | 1DW1A4029CS341202 | 1DW1A4024CS342533 |
| 1DW1A4222CS325808 | 1DW1A4222CS328904 | 1DW1A4024CS333606 | 1DW1A4020CS341203 | 1DW1A4026CS342534 |
| 1DW1A4224CS325809 | 1DW1A4224CS328905 | 1DW1A4026CS333607 | 1DW1A4022CS341204 | 1DW1A4028CS342535 |
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| 1DW1A342XCS326101 | 1DW1A4228CS328907 | 1DW1A402XCS333609 | 1DW1A4026CS341206 | 1DW1A4221CS342602 |
| 1DW1A3421CS326102 | 1DW1A422XCS328908 | 1DW1A4026CS333610 | 1DW1A4028CS341207 | 1DW1A4223CS342603 |
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| 1DW1A4028CS326903 | 1DW1A4228CS330401 | 1DW1A422XCS333803 | 1DW1A4028CS341210 | 1DW1A4228CS344301 |
| 1DW1A402XCS326904 | 1DW1A422XCS330402 | 1DW1A4221CS333804 | 1DW1A4021CS342201 |                   |
| 1DW1A4021CS326905 | 1DW1A4221CS330403 | 1DW1A4223CS333805 | 1DW1A4023CS342202 |                   |
| 1DW1A4023CS326906 | 1DW1A4223CS330404 | 1DW1A4225CS333806 | 1DW1A4025CS342203 |                   |

\*NOTE: SOME OF THE MY2012 UNITS WERE  
UPGRADED PRIOR TO LEAVING PLANT\*