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SERVICE BULLETIN

INFORMATION ONLY	FIX ON FAILURE	MANDATORY X
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SVR 09-001 Rev.

Date: Jan. 26, 2009

Product: **All 2008 Honey Bee WS Grain Belt Swathers**

Re: Roller and Tension Issues

- Problem:**
- 1) Under heavy load the draper slips on the roller and must be over tightened to maintain performance, excessive tightening may result in premature draper failure. such as excessive stress on motors, bearings, adjusters and eventually drapers.
 - 2) The current sway bar which assists in draper tensioning and alignment, restricts draper movement and may also cause draper damage
 - 3) Excessive play in idler roller.

Solution: Replace Draper drive roller, Sway bar, add Sway bar hardware and up date Idle roller.

Part Number required: 1 of **# 94307** (contents listed below)

Qty.	Part #'s	Description
2	81312	Vulcanized drive roller
2	81414	Sway Bar Mount tab kit
2	G81586	Sway Bar-draper dk/bent
2	81585	<u>Insert</u> to Idle roller to adapt to Hex bearing mount
1	19748	Bolt carriage head 1/2 X 1-3/4 (used to install Hex Insert)
1	94308	Instruction package

Labor : 6 Hours

Reimbursement : All parts will be charged to a dealer's account, credit will be issued when the original drive rollers and sway bars have been returned to Honey Bee Manufacturing Ltd. accompanied by a completed CF1 warranty claim form.

Update Instructions

Please refer to Operator's Manual if you have any questions on std. parts removal and assembly.

2008 WS Operator's Manual - JD 4890/ 4895 - Pages 93 to 102

2008 WS Operator's Manual - JD 4990/ 4995 - Pages 95 to 104

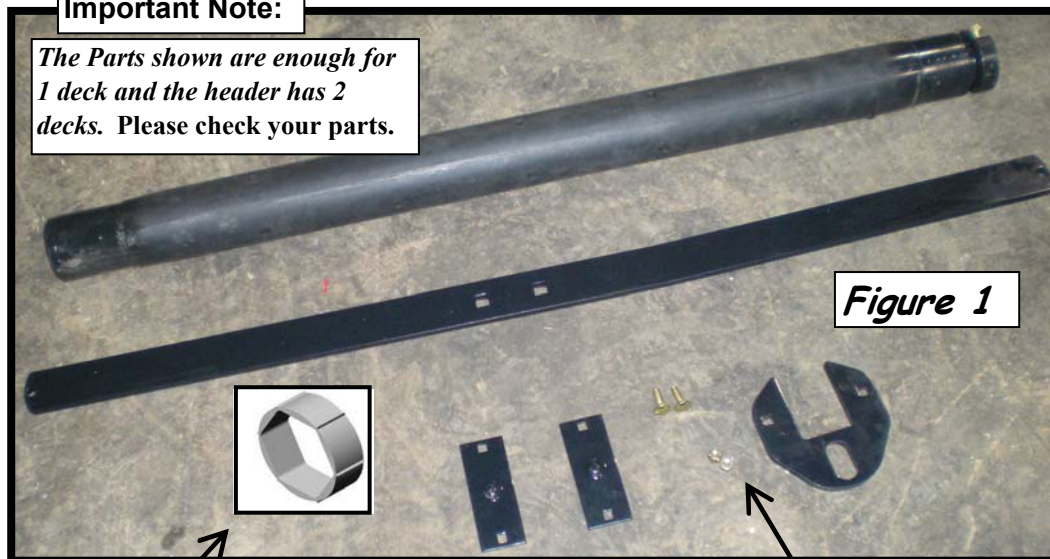
Prior To Proceeding !!!

- A. - Make certain service bulletin svr 76 has been completed.
- B. - svr 76 requires no parts.
- C. - A copy of svr 76 is included on the final page of the enclosed instruction package.

Required parts

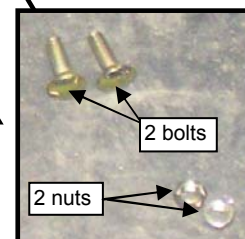
Important Note:

The Parts shown are enough for 1 deck and the header has 2 decks. Please check your parts.



An enlarged view of the **Hex insert** to be installed in the **IDLE ROLLER** @ the front or cutter bar end of the roller

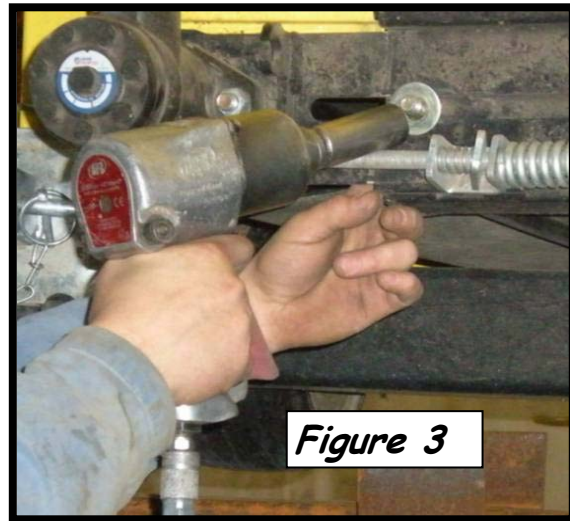
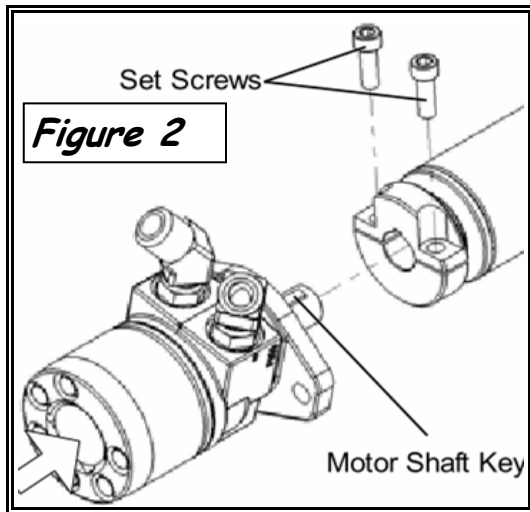
Small mounting hardware from Part# **G81414** mount kit



Vulcanize Drive Roller Instalation (steps 1 - 8)

Step 1 Dissassemble connector bar, open canvas and expose rollers.

Step 2 Locate Hyd. Deck Motor and loosen the 2 set screws that attach motor to the roller.
Figure 2



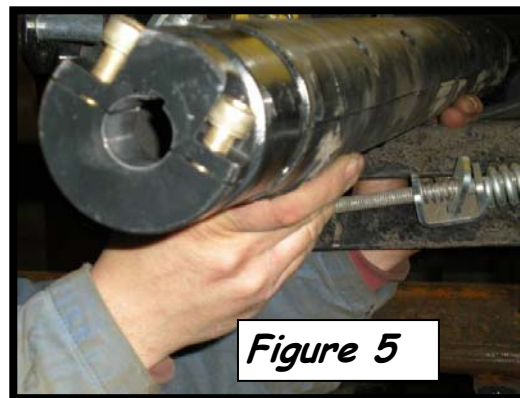
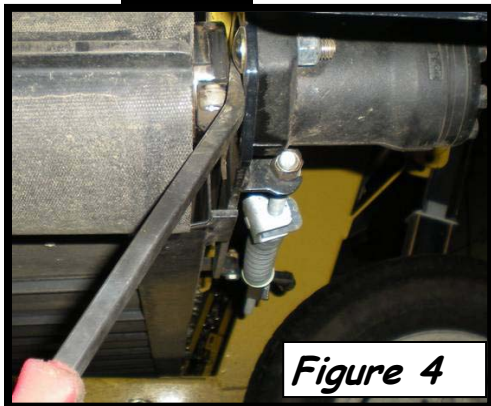
Step 3 Remove the single nut & bolt that attaches the Hyd Deck Motor and Motor Plate assembly to the draper deck.

Figure 3

Once the nut & bolt has been removed the Hyd Deck Motor and Motor Plate assembly can remain attached to and hang from the hydraulic hoses.

Step 4 Using a pry bar, pry the Drive Roller and the Hyd Motor apart (as per op.manual inst.). Once the motor is seperated from the roller it is to remain attached to the hyd. hoses.

Figure 4



Step 5 Remove drive roller, a pry bar may be require to displace roller from deck mount.

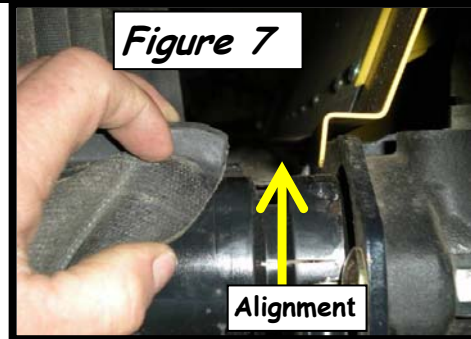
Figure 5

Note: used drive rollers are to be returned to factory.

- Step 6** Install the supplied **Vulcanized** Drive Roller on deck mount.
Roller should attach easily but may require a slow rotation to fully engage on mount.

Figure 6

- Step 7** Install existing Hyd. Deck Motor onto the Valcanized Drive Roller until the V groove on roller is aligned with deck guide. **Figure 7**



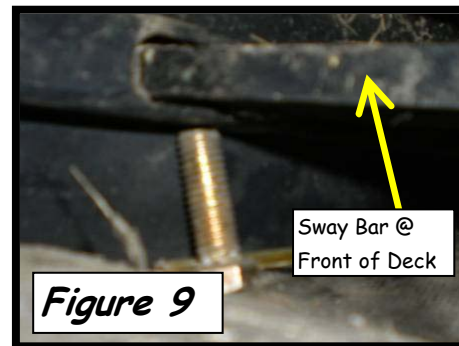
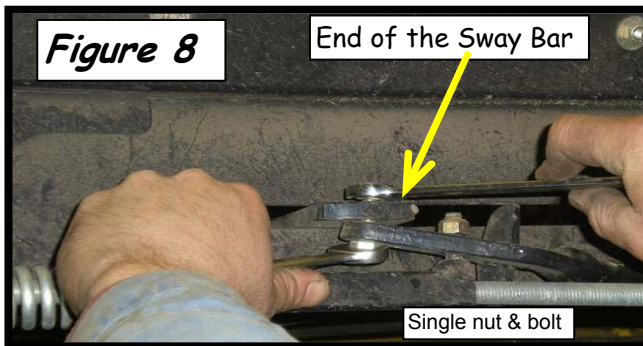
- Step 8** Tighten the cap screws **evenly**, alternating back and forth until **tight**.
Set the final **Torque** to **40 ft/lbs.** or **55 nm**.
Refer to **Figure 2 &/or Figure 6** for view of the set screws.

Sway Bar Update (steps 9 - 16)

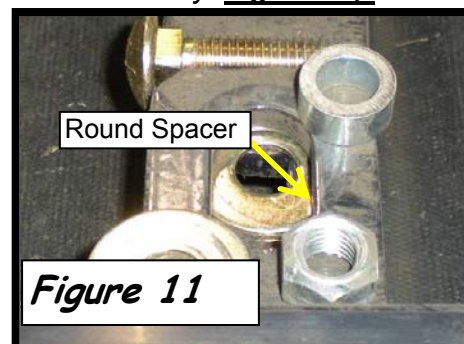
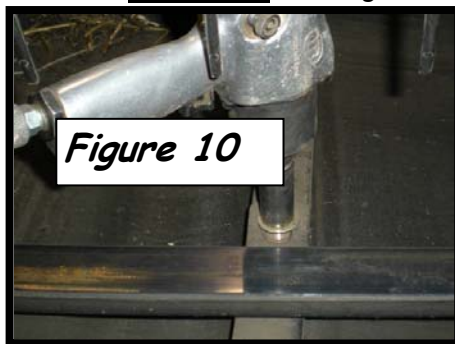
- Step 9** Remove the **nut and bolt** that connects the sway bar to the adjuster tube.

Figure 8

- Step 10** Remove the **nut and bolt** that attaches the sway bar to the deck frame.
Figure 9



- Step 11** From the **center of the Sway bar** remove the bolt, nut, washers & spacers.
Figure 10 (Existing hardware is required for reassembly **Figure 11**).



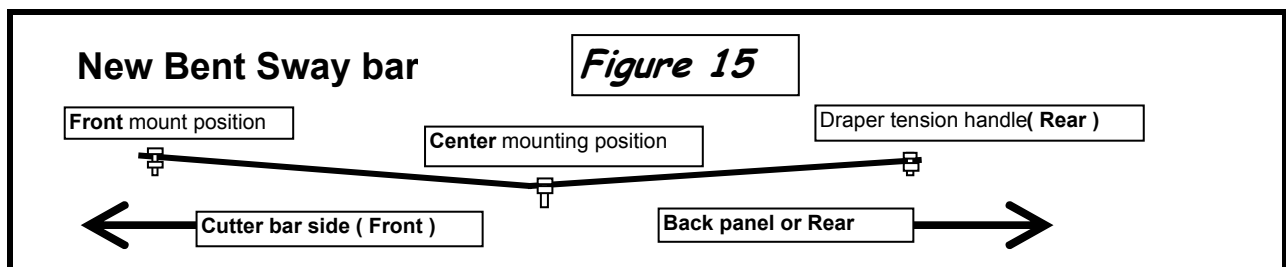
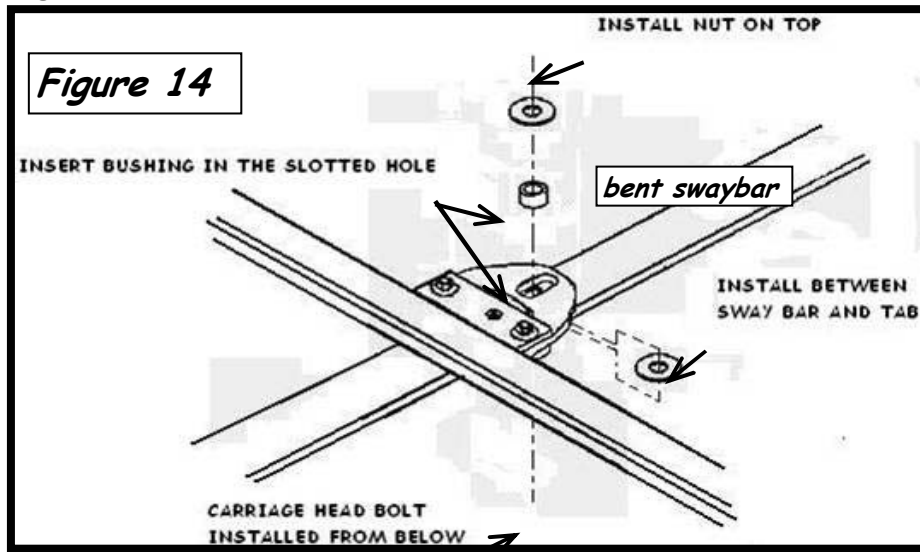
- Step 12** Remove the existing Sway Bar, **Note:** used sway bars are to be returned to factory.

Figure 9

- Step 13** Assemble the New Mount Tab Kit to existing sway bar mount tab, hardware supplied.
Note: The new tab provide a more effective pivot point for the sway bar.
Figures 12 and 13



- Step 14** Install bent sway bar to mount tab with existing hardware (bar is intentionally bent).
Make certain the *ends of the swaybar are higher than the center point*.
Figures 14 and 15



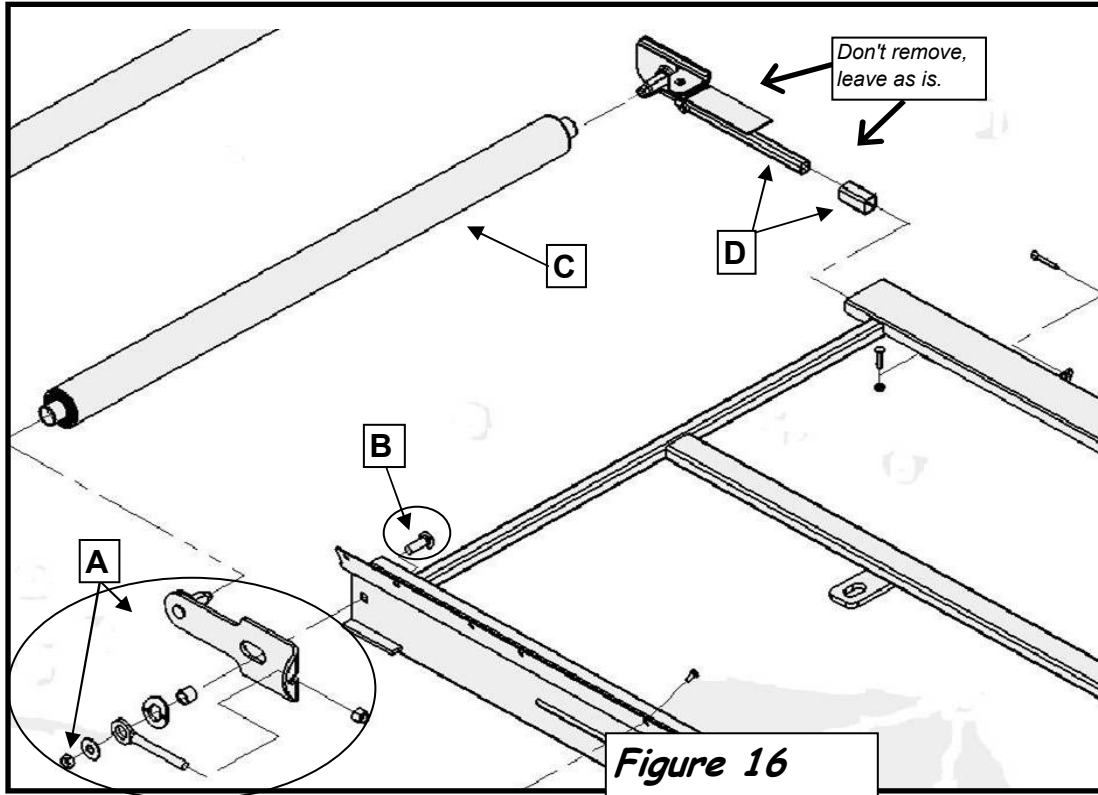
- Step 15** Attach the **installed** Sway bar to the deck frame mount.

Figure 9.

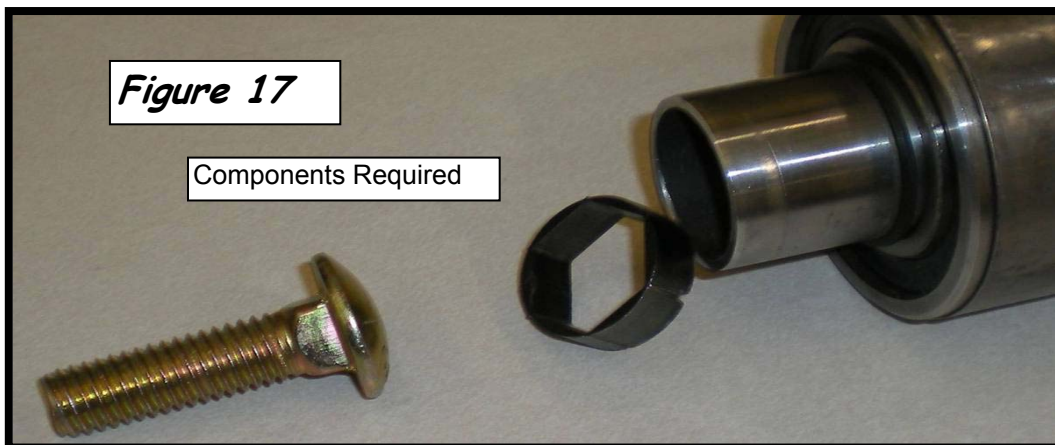
- Step 16** Attach the **opposite end of the** Sway bar to the Draper adjuster tube.
Figure 8

Idler Roller Insert Update (step 17 - 23)

- Step 17** Remove the nut that holds the Idler roller in position.
Keep the assembly referred to as **A** in **Figure 16**, together for ease and speed of reassembly.



- Step 18** The idler roller can now be removed.
Note the idler roller is labeled C and must be completely removed to install the insert.
Figure 16 & 17



- Step 19** Place insert on roller end and start by hand.
- Step 20** Position the Carr. bolt on the exposed end of the insert, tap until insert is recessed approx. 1/4".

Figure18.

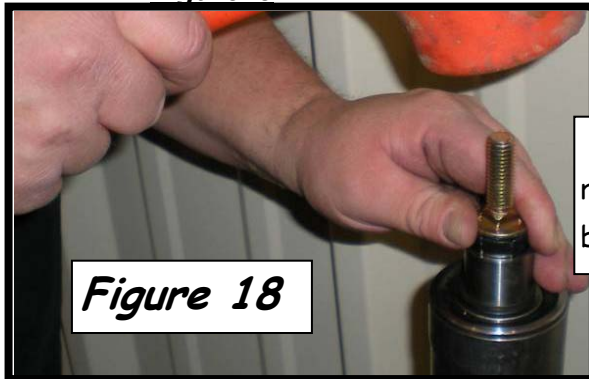


Figure 18

Important Note:

The **Insert** should be recessed into the roller about **1/4"** and should be **driven** in by **tapping** rather than **hammering**.

Step 21 Reinstall the idler roller and reinstall the drapers

NOTE: VERY IMPORTANT--IDLER ROLLER MUST BE SQUARED TO THE DECK FOR PROPER DRAPER TRACKING

Step 22 Close drapers and reinstall canvas connectors.

Step 23 Align and tension drapers as per WS operator's manual.

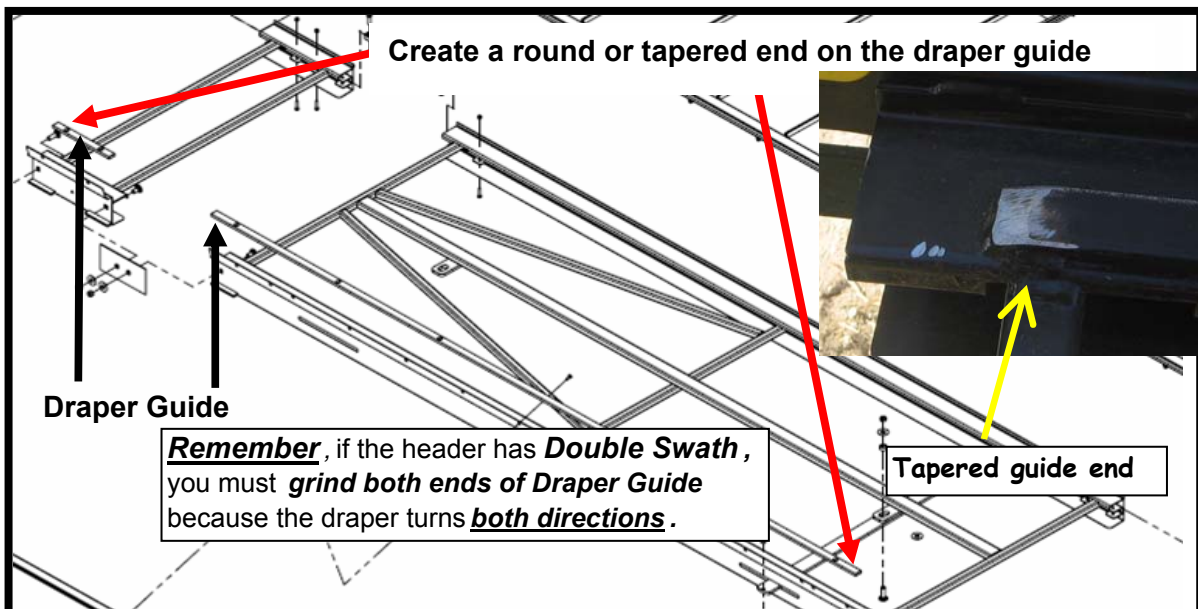
SERVICE BULLETIN 76-GBH

Product: Grain Belt WS Swather Table, 2008 model year.

Re: Draper V-guide

Problem: Excessive draper damage due to contact with V-guide ends.

Solution: Round off or taper the leading end of each of the draper tracking guides.



Reimbursement: Please submit warranty claim as per standard Honey Bee Warranty Policy

Labor: 3 hours per unit.