# Agri-Fab™
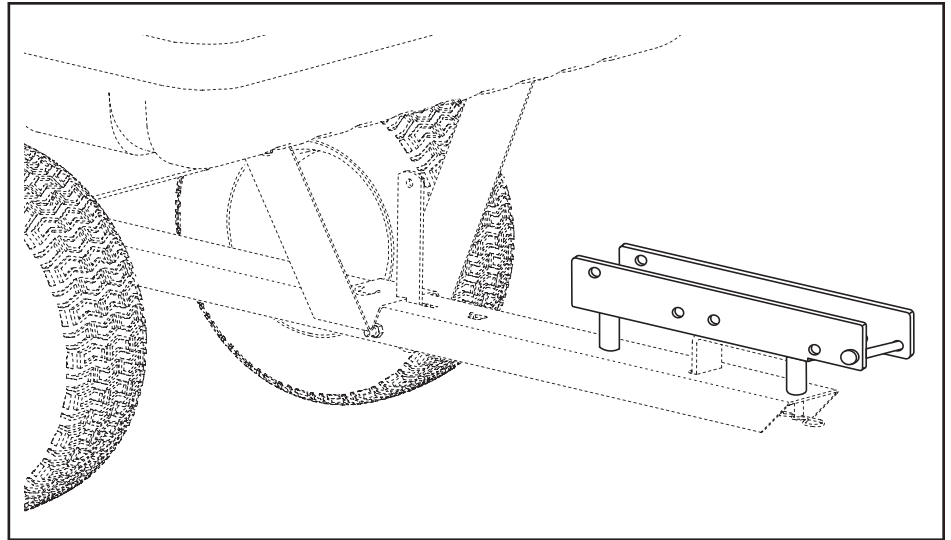
# OWNERS MANUAL

## Model No. 45-0393



# BALL HITCH KIT
**(Use with Agri-Fab Trail Mowers, Carts, Mow-N-Vacs, Spreaders, Lawn Sweepers, Aerators)**

## SAFETY PRECAUTIONS

1. Read this owner's manual before assembling or using the Ball Hitch Kit.
2. Read your vehicle and implement owner's manuals for safe operating precautions before using the Ball Hitch Kit.

⚠️ **CAUTION: Never** use the Ball Hitch Kit on highways or thoroughfares. The Ball Hitch Kit is not designed for highway use. Use only with approved Agri-Fab attachments.

## ATTACHING TO ROUGH CUT AND 63" TRAIL MOWERS

If you are attaching the Ball Hitch Kit to a trail mower, use the instructions provided on this page. For all other implements use the instructions on the back of this page.

1. *(Figure 1 next column)* Slide the Ball Hitch Bracket onto the drawbar swivel. Fasten it to the swivel using a 1/2" x 3" clevis pin and a haircotter pin. Use the set of holes that provide the fullest engagement possible.
2. *(Figure 2 next column)* Install a 1/2" x 3" clevis pin and haircotter pin across the top of the drawbar swivel using the hole at the rear of the Ball Hitch Bracket.
3. *(Figure 2 next column)* Install the 5/8" x 3" clevis pin, 5/8" washer and cotter pin into the large front hole in the Ball Hitch Bracket.
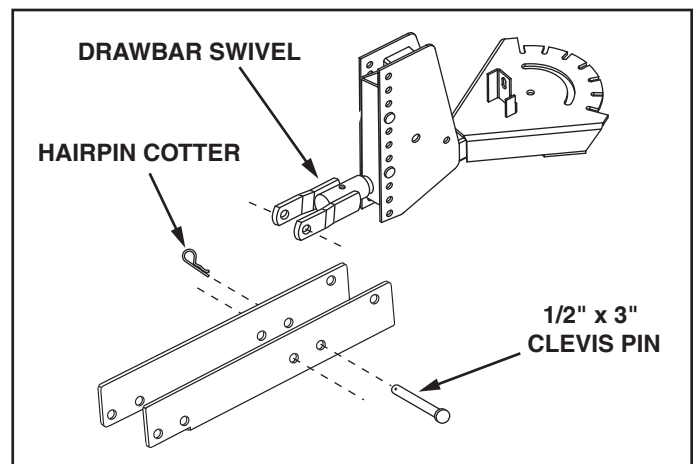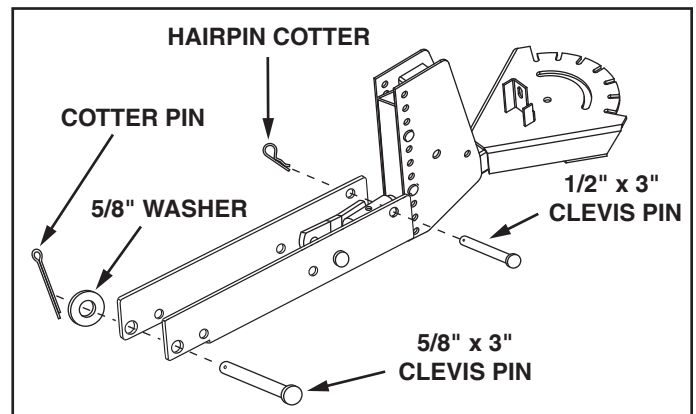4. Proceed to step 8, figure 5 on the back page.



**DRAWBAR SWIVEL**

**HAIRPIN COTTER**

**1/2" x 3" CLEVIS PIN**

**FIGURE 1**



**HAIRPIN COTTER**

**COTTER PIN**

**5/8" WASHER**

**1/2" x 3" CLEVIS PIN**

**5/8" x 3" CLEVIS PIN**

**FIGURE 2**

**SpeedEPart** *the fastest way to purchase parts* **www.speedepart.com**

PRINTED IN USA

FORM NO. 49843 (REV. 3/06)

**ATTACHING TO IMPLEMENTS OTHER THAN TRAIL MOWERS**

**IMPORTANT:** These instructions are for all other implements listed on the front page. If your hitch differs from the hitch shown, follow these instructions as a general guide, using a combination of bolts, nuts and spacers appropriate for your hitch.

**NOTE:** Bolts that are longer or shorter than those provided can, if needed, be purchased at your local hardware store.

5.  **(Figure 3)** Loosely attach the Ball Hitch Bracket to the hitch pin hole in the implement hitch using a 1/2" x 3" bolt, a spacer, 1/2" washer and 1/2" nylock nut. Use the spacer that has the closest fit. **Make finger tight**.



1/2" x 3" BOLT
SPACER
1/2" WASHER
1/2" NYLOCK NUT
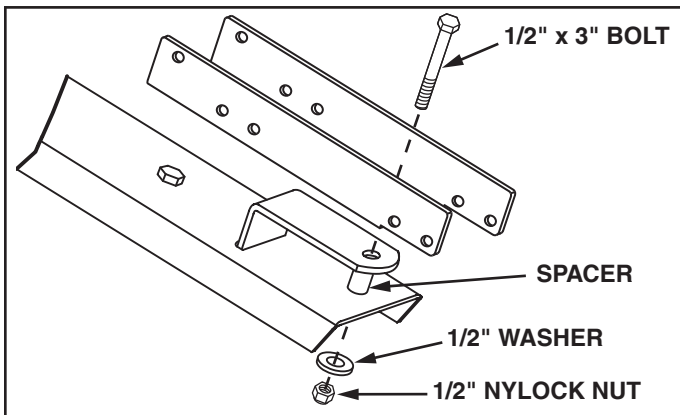
**FIGURE 3**

6.  **(Figure 4)** Locate a bolt in the implement hitch which lines up with one of the rear holes or slots in the Ball Hitch Bracket. Remove the bolt and fasten the Bracket to the empty hole using a longer bolt of the same size, a washer, a spacer and a nylock nut. Use the spacer that will best level the Ball Hitch Bracket front to back. **Tighten** nut from step 5 and then the nut from step 6.
7.  **(Figure 4)** Install the 5/8" x 3" clevis pin, 5/8" washer and cotter pin into the large front hole in the Ball Hitch Bracket.
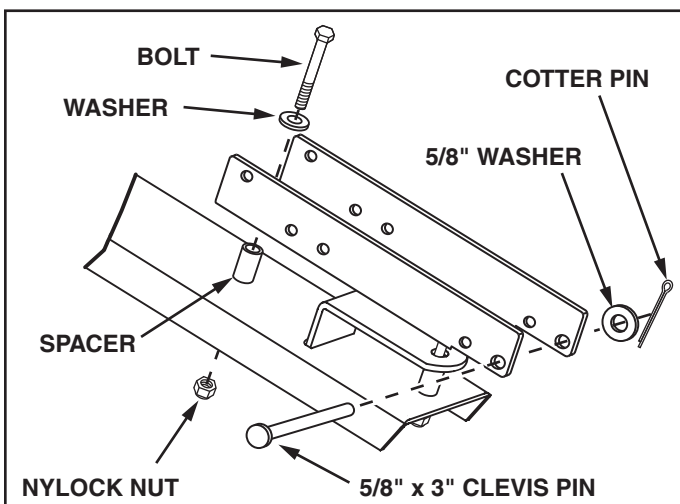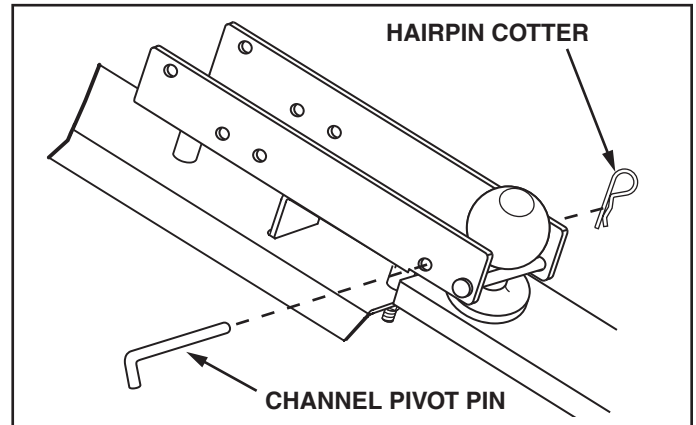


BOLT
WASHER
COTTER PIN
5/8" WASHER
SPACER
NYLOCK NUT
5/8" x 3" CLEVIS PIN

**FIGURE 4**

8.  **(Figure 5)** Install the channel pivot pin and a haircotter pin to attach the Ball Hitch Bracket to ball hitch on your vehicle.



HAIRPIN COTTER
CHANNEL PIVOT PIN

**FIGURE 5**

**NOTE:** Some of the parts shown in the following list will not be needed for your implement and may not be included in the parts bag. All parts that are needed to attach the Ball Hitch Kit to your implement are included in the parts bag.

## REPAIR PARTS FOR 45-0393 BALL HITCH KIT

| Part No. | Qty. | Description |
| --- | --- | --- |
| 25721 | 1 | Ball Hitch Bracket |
| 46065 | 1 | Channel Pivot Pin |
| 43343 | 3 | Haircotter Pin, 3/32" x 2-5/16" |
| 49932 | 2 | Clevis Pin, 1/2" x 3" |
| 49961 | 1 | Clevis Pin, 5/8" x 3" |
| 43010 | 1 | Cotter Pin, 1/8" x 1-1/4" |
| R19212113 | 1 | Washer, 5/8" |
| R19171616 | 1 | Washer, 1/2" |
| 43070 | 2 | Washer, 3/8" |
| 43081 | 1 | Washer, 5/16" |
| 43088 | 1 | Washer, 1/4" |
| 46286 | 1 | Hex Bolt, 1/2" x 3" |
| 43574 | 1 | Hex Bolt, 3/8" x 3" |
| HA180132 | 1 | Hex Bolt, 3/8" x 2-1/4" |
| 43224 | 1 | Hex Bolt, 5/16" x 2-1/4" |
| 46766 | 1 | Hex Bolt, 5/16" x 3-1/4" |
| 45164 | 1 | Hex Bolt, 1/4" x 2-1/4" |
| 712-3083 | 1 | Nylock Hex Nut, 1/2" |
| HA21362 | 1 | Nylock Hex Nut, 3/8" |
| 47810 | 1 | Nylock Hex Nut, 5/16" |
| 47189 | 1 | Nylock Hex Nut, 1/4" |
| 48857 | 2 | Spacer, 1" |
| 46501 | 2 | Spacer, 1-3/8" |
| 48283 | 2 | Spacer, 1-5/8" |
| 44593 | 2 | Spacer, 1-3/4" |
| 49843 | 1 | Owners Manual |