



6500 SERIES GBGI

6500-050, 6500-051, 6500-052, 6500-053, 6500-054 JOHN DEERE

6500-061, 6500-062, 6500-063, 6500-064 KINZE

6500-070, 6500-071 CASE-IH

6500-072, 6500-073 WHITE/MASSEY

PLANTER PARALLEL ARM INSTALLATION GUIDE

PARTS IDENTIFICATION

2565-101 • 07/2026



YETTER MANUFACTURING CO.
FOUNDED 1930

Colchester, IL 62326-0358

Toll free: 800/447-5777

309/776-3222 (Fax)

Website: www.yetterco.com

E-mail: info@yetterco.com

GERMINATE UNIFORMITY™



FOREWORD

You've just joined an exclusive but rapidly growing club.
For our part, we want to welcome you to the group and thank you for buying a Yetter product.

We hope your new Yetter products will help you achieve both goals-increase your productivity and increase your efficiency so that you may generate more profit.

This operator's manual has been designed into four major sections: Foreword, Safety Precautions, Installation Instructions and Parts Breakdown.

This **SAFETY ALERT SYMBOL** indicates important safety messages in the manual. When you see this symbol, be alert to the possibility of **PERSONAL INJURY** and carefully read the message that follows.



DANGER: Indicates an imminently hazardous situation which, if not avoided "will" result in death or serious injury. This signal word is to be limited to the most extreme situations



WARNING: Indicates a potentially hazardous situation which, if not avoided, "could" result in death or serious injury.



CAUTION: Indicates a potentially hazardous situation, which if not avoided, "may" result in minor or moderate injury. It may also be used to alert against unsafe practices.



NOTICE: Indicates information considered important, but not hazard related (e.g., messages relating to property damage).

It is the responsibility of the user to read the operator's manual and comply with the safe and correct operating procedure and to lubricate and maintain the product according to the maintenance schedule in the operator's manual.

The user is responsible for inspecting his machine and for having parts repaired or replaced when continued use of the product would cause damage or excessive wear to the other parts.

It is the user's responsibility to deliver his machine to the Yetter dealer who sold him the product for service or replacement of defective parts, which are covered by the warranty policy.

If you are unable to understand or follow the instructions provided in this publication, consult your local Yetter dealer or contact:

YETTER MANUFACTURING CO.

309/776-4111

800/447-5777

309/776-3222 (FAX)

Website: www.yetterco.com

E-mail: info@yetterco.com

WARRANTY

Yetter Manufacturing warrants all products manufactured and sold by it against defects in material. This warranty being expressly limited to replacement at the factory of such parts or products as shall appear to be defective after inspection. This warranty does not obligate the Company to bear cost of labor in replacement of parts. It is the policy of the Company to make improvements without incurring obligations to add them to any unit already sold. No warranty is made or authorized to be made, other than herein set forth. This warranty is in effect for one year after purchase.

DEALER: _____

Yetter Manufacturing warrants its own products only and cannot be responsible for damages to equipment on which mounted.



SAFETY PRECAUTIONS



A brief description of signal words that may be used in this manual:

DANGER: Indicates an imminently hazardous situation which, if not avoided “will” result in death or serious injury. This signal word is to be limited to the most extreme situations.

WARNING: Indicates a potentially hazardous situation which, if not avoided, “could” result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation, which if not avoided, “may” result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE: Indicates information considered important, but not hazard related (e.g., messages relating to property damage).

Consult your implement and tractor operator’s manual for correct and safe operating practices. Be aware of towed implement width and allow safe clearance.

Safety decals are placed on the implement to alert the operator and others to the risk of personal injury or unsafe operation during normal operations and servicing.

1. The safety decals must be kept clean and in good condition to ensure that they are legible.
2. Safety decals must be replaced if they are missing or illegible.
3. When components are replaced during repair or servicing, check that the new components include the necessary safety signs.
4. Replacement safety decals may be obtained from your local dealer.



WARNING

Read these instructions carefully to acquaint yourself with the Equipment. Working with unfamiliar equipment can lead to accidents.

Never park the equipment on a steep incline or leave the equipment running unattended.

Never clean, lubricate or adjust a machine that is in motion.

Always check that straps are secure.

Make sure latches are in pinned position when moving equipment.

Do not allow children to operate this equipment.

Do not allow riders on the equipment, trailer and/or pick-up.

Use speed and caution dictated by the terrain being traversed. Do not operate on any slope steep enough to cause tipping or loss of control.

Read and understand the operator’s manual and require all other persons who will operate the equipment to do the same.

If operating on public roadways, where legal, be certain all lighting is operating properly and observe all traffic laws.

Beware of increased stopping distances and control effort when operating with implements attached.

Be familiar with all controls and be prepared to stop equipment quickly in an emergency.

FAILURE TO HEED MAY RESULT IN PERSONAL INJURY OR DEATH.

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BOLT TORQUE

Mounting bolts and hardware

All hardware is Grade 5 unless otherwise noted. Grade 5 cap screws are marked with 3 radial lines on the head. If hardware must be replaced, be sure to replace it with hardware of equal size, strength & thread type. Refer to the torque values chart when tightening hardware.



NOTICE: Over-tightening hardware can cause just as much damage as under-tightening. Tightening hardware beyond the recommended range can reduce its shock load capacity.

The chart below is a guide for proper torque. Use it unless a specified torque is called out elsewhere in the manual. Torque is the force applied to the end of the handle or cheater bar, times the length of the handle or bar.

Use a torque wrench wherever possible.

The following table shows torque in ft.-lbs. for coarse thread hardware.

Bolt Diameter and Threads per Inch	 Grade 2	 Grade 5	 A-325	 Grade 8
1/4	6	10		14
5/16	12	20		30
3/8 – 16	25	35		50
7/16 – 14	35	55		80
1/2 – 13	55	85		125
9/16 – 12	75	125		175
5/8 – 11	105	170		235
3/4-10	185	305		425
7/8 – 9	170	445		690
1-8	260	670		1030
1 1/8 – 7	365	900		1460
1 1/4 - 7	515	1275		2060
1 3/8 – 6	675	1675		2700
1 1/2 - 6	900	2150		3500
1 3/4 – 5	1410	3500		5600

Bolt Diameter	 4.6	 8.8	 10.9	 12.9
M4	0.9	2.3	3.2	3.8
M5	1.8	4.5	6.5	7.6
M6	3.0	7.7	11.1	13.0
M7	5.0	13.0	18.5	21.7
M8	7.3	18.8	26.9	31.4
M10	14.4	37.2	53.2	62.2
M12	25.2	64.9	92.8	108.5
M14	40.2	103.7	148.4	173.4
M16	62	161	230	269
M18	86	222	318	372
M20	122	314	449	525
M22	166	428	613	716
M24	211	543	777	908
M27	309	796	1139	1331

CHECK HARDWARE DAILY FOR DAMAGE, WEAR, & LOOSENESS. TIGHTEN AS NEEDED

BILL OF MATERIALS

6500-050 – JOHN DEERE 14" SHORT UPPER ARM KIT: (01) A5971 arm assembly and (01) AG1573-K hardware kit



6500-051 – JOHN DEERE 21" LONG UPPER ARM KIT: (01) A6007 arm assembly and (01) AG1573-K hardware kit



6500-052 – JOHN DEERE 14" SHORT LOWER REGULAR ARM KIT: (01) A6055 arm assembly and (01) AG1602-K hardware kit



6500-053 - JOHN DEERE 14" SHORT LOWER DELTA FORCE ARM KIT: (01) A6061 arm assembly and (01) AG1602-K hardware kit



6500-054 – JOHN DEERE 21" LONG LOWER ARM KIT: (01) A6050 arm assembly and (01) AG1602-K hardware kit



BILL OF MATERIALS

6500-061 - KINZE UPPER ARM KIT: (01) A6021 arm assembly and (01) AG1573-K hardware kit



6500-062 - KINZE PULL LOWER ARM KIT: (01) A6264 arm assembly and (01) AG1612-K hardware kit



6500-063 - KINZE LOWER ARM KIT (DELTA FORCE): (01) A6081 arm assembly and (01) AG1612-K hardware kit



6500-064 - KINZE PUSH LOWER ARM KIT: (01) A6089 arm assembly and (01) AG1612-K hardware kit



BILL OF MATERIALS

6500-070 - CASEIH UPPER ARM KIT: (01) A6115 arm assembly and (01) AG1649-K hardware kit



6500-071 - CASEIH LOWER ARM KIT: (01) A6114 arm assembly and (01) AG1623-K hardware kit



6500-072 – WHITE/MASSEY UPPER ARM KIT: (01) A6107 arm assembly and (01) AG1631-K hardware kit



6500-073 – WHITE/MASSEY LOWER ARM KIT: (01) A6175 arm assembly and (01) AG1631-K hardware kit



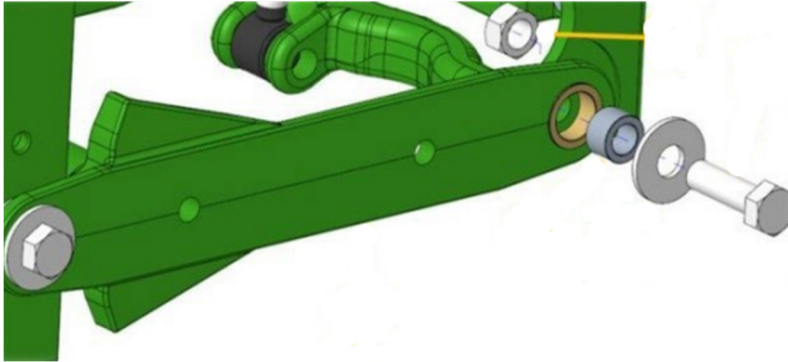
INSTALLATION INSTRUCTION

STEP 1: Disengage the downforce system so that there isn't any load on the parallel arms.

STEP 2: Lower the planter toolbar/frame until the parallel arms are horizontal, then remove the lower parallel arm and hardware.

STEP 3: (JOHN DEERE, KINZE, WHITE/MASSEY) Install the lower parallel arm using the supplied hardware kit, **NOTE: on some planter models there are different widths of bushings refer to the parts identification for proper location to assemble.** Use the (02) 5/8" hardware at the W-plate and (02) 5/8" b at the goalpost.  **Torque each bolt to 150 ft-lbs.**

STEP 3A: (CASE-IH) Install the lower parallel arm using the supplied hardware kit. Use the (02) 1/2" carriage bolts at the W-plate and (02) 1/2" carriage bolts at the row unit.  **Torque each 1/2" bolt to 85 ft-lbs.**



STEP 4: (JOHN DEERE, KINZE, WHITE/MASSEY) Remove the worn right upper parallel arm. Install the new upper parallel arm using the 5/8" bolt at the W-plate and the 5/8" bolt at the goalpost.  **Torque each bolt to 150 ft-lbs.**

STEP 4A: (CASE-IH) Remove the worn right upper parallel arm. Install the new upper parallel arm using the 1/2" carriage bolt at the W-plate and the 1/2" hex head bolt at the row unit.  **Torque each 1/2" bolt to 85 ft-lbs and 3/4" bolt to 295 ft-lbs.**

STEP 5: Repeat step 4 for installation of the left upper parallel arm.

STEP 6: Reinstall the downforce system and other components of the planter row unit.

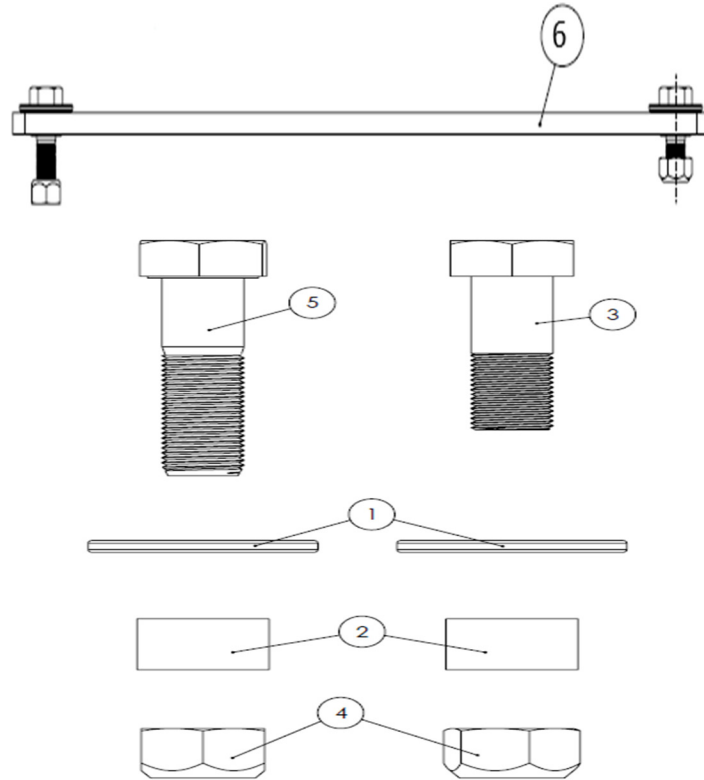
STEP 7: Upon completing the installation, verify that the row unit can move freely through its full range of motion. Check that all cables, harnesses and hoses are properly routed.



PARTS IDENTIFICATION

6500-050

JOHN DEERE 14" SHORT UPPER ARM KIT

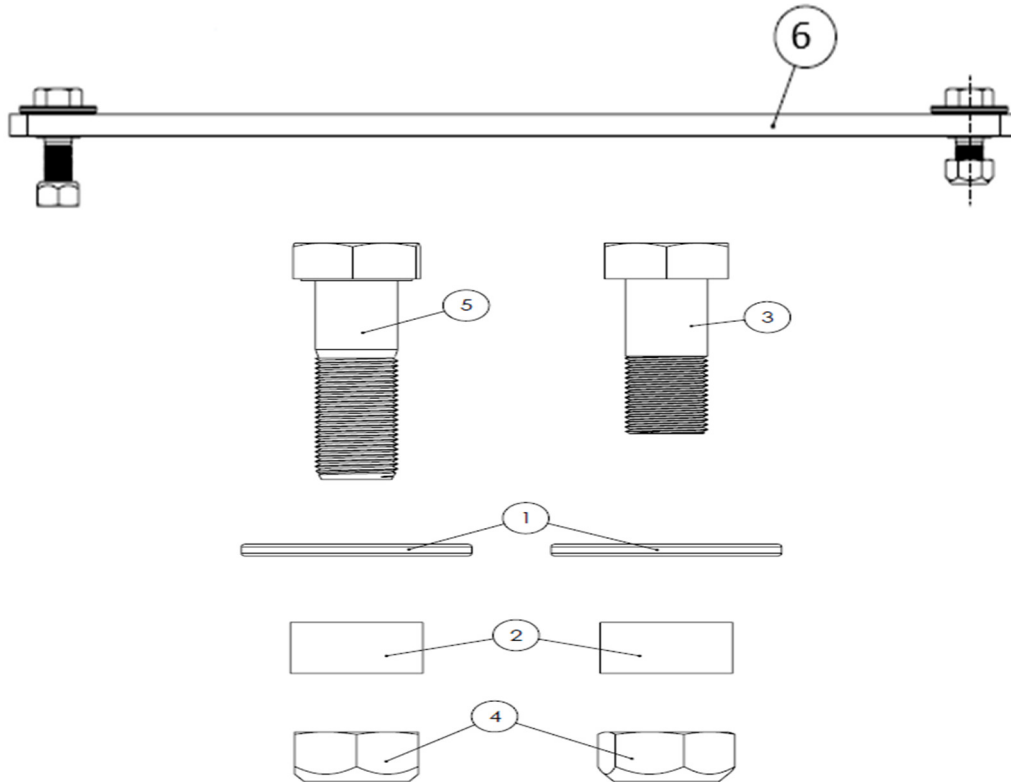


ITEM	PART NO.	DESCRIPTION	QTY
1	A2974	5/8 WASHER	2
2	A6000	INNER BUSHING NARROW 1 x .625 x .575	2
3	A6015	5/8-18 x 1.75 SHOULDER BOLT	1
4	A6012	5/8-18 STOVER LOCK NUT	2
5	A6023	5/8-18 x 2.25 SHOULDER BOLT	1
6	A5971	14" ARM ASSEMBLY SHORT UPPER ARM	1
	A6022	OUTER BUSHING 1 x 1.38 x .5	2

PARTS IDENTIFICATION

6500-051

JOHN DEERE 21" LONG UPPER ARM KIT

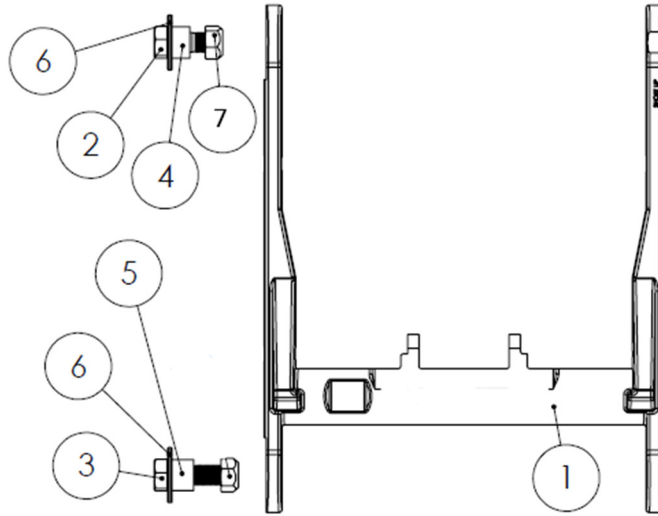


ITEM	PART NO.	DESCRIPTION	QTY
1	A2974	5/8 WASHER	2
2	A6000	INNER BUSHING NARROW 1 x .625 x .575	2
3	A6015	5/8-18 x 1.75 SHOULDER BOLT	1
4	A6012	5/8-18 STOVER LOCK NUT	2
5	A6023	5/8-18 x 2.25 SHOULDER BOLT	1
6	A6007	21" ARM ASSEMBLY LONG UPPER ARM	1
	A6022	OUTER BUSHING 1 x 1.38 x .5	2

PARTS IDENTIFICATION

6500-052

JOHN DEERE 14" SHORT LOWER REGULAR ARM KIT

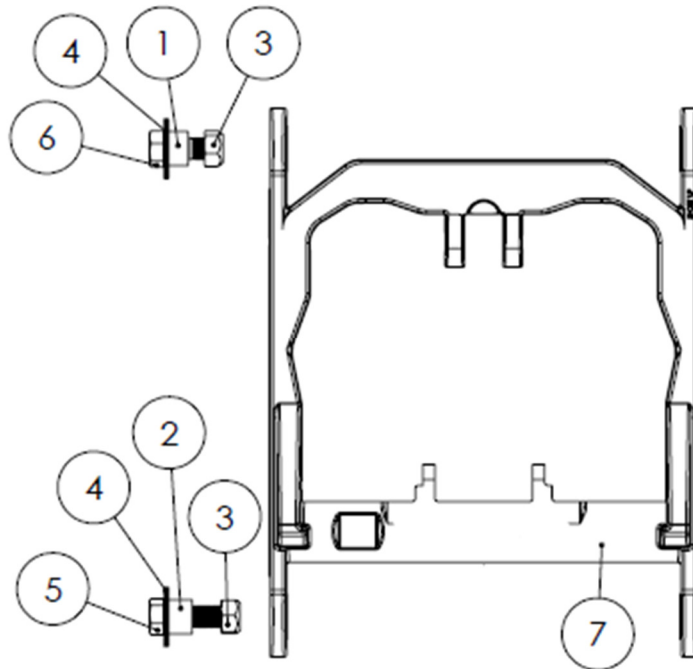


ITEM	PART NO.	DESCRIPTION	QTY
1	A6055	14" ARM ASSEMBLY SHORT LOWER	1
	A6022	OUTER BUSHING 1 x 1.38 x .5	4
2	A6015	5/8-18 x 1.75 SHOULDER BOLT	2
3	A6023	5/8-18 x 2.25 SHOULDER BOLT	2
4	A6000	INNER BUSHING NARROW 1 x .625 x .575	2
5	A6027	INNER BUSHING WIDE 1 x .625 x .688	2
6	A2974	5/8 WASHER	4
7	A6012	5/8-18 STOVER LOCK NUT	4

PARTS IDENTIFICATION

6500-053

JOHN DEERE 14" SHORT LOWER DELTA FORCE ARM KIT

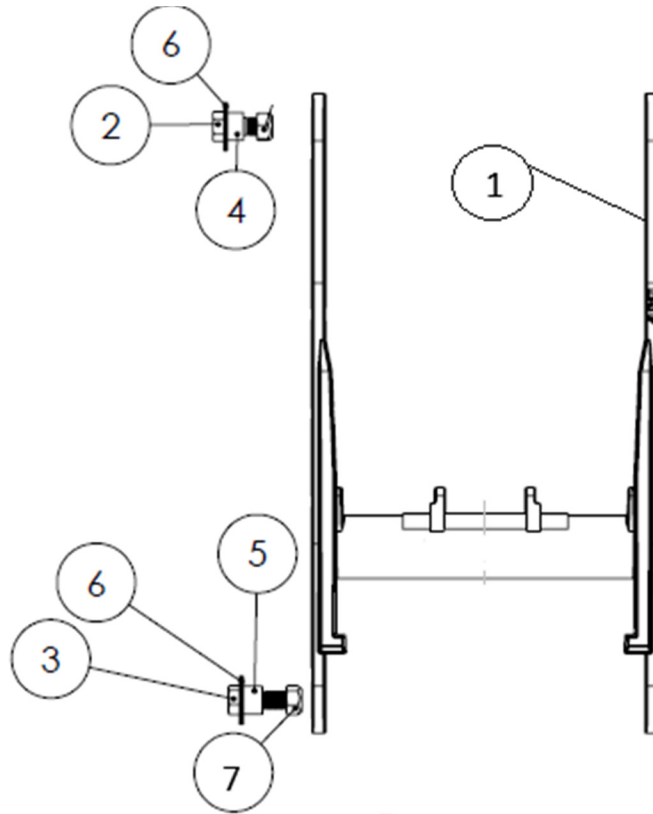


ITEM	PART NO.	DESCRIPTION	QTY
1	A6000	INNER BUSHING NARROW 1 x .625 x .575	2
2	A6027	INNER BUSHING WIDE 1 x .625 x .688	2
3	A6012	5/8-18 STOVER LOCK NUT	4
4	A2974	5/8 WASHER	4
5	A6023	5/8-18 x 2.25 SHOULDER BOLT	2
6	A6015	5/8-18 x 1.75 SHOULDER BOLT	2
7	A6061	16" ARM ASSEMBLY SHORT LOWER DELTA FORCE	1
	A6022	OUTER BUSHING 1 x 1.38 x .5	4

PARTS IDENTIFICATION

6500-054

JOHN DEERE 21" LONG LOWER ARM KIT

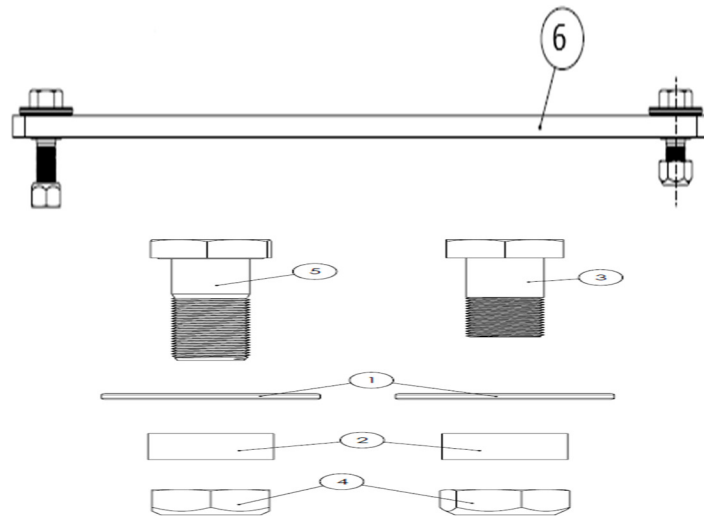


ITEM	PART NO.	DESCRIPTION	QTY
1	A6050	21" ARM ASSEMBLY LONG LOWER	1
	A6022	OUTER BUSHING 1 x 1.38 x .5	4
2	A6015	5/8-18 x 1.75 SHOULDER BOLT	2
3	A6023	5/8-18 x 2.25 SHOULDER BOLT	2
4	A6000	INNER BUSHING NARROW 1 x .625 x .575	2
5	A6027	INNER BUSHING WIDE 1 x .625 x .688	2
6	A2974	5/8 WASHER	4
7	A6012	5/8-18 STOVER LOCK NUT	4

PARTS IDENTIFICATION

6500-061

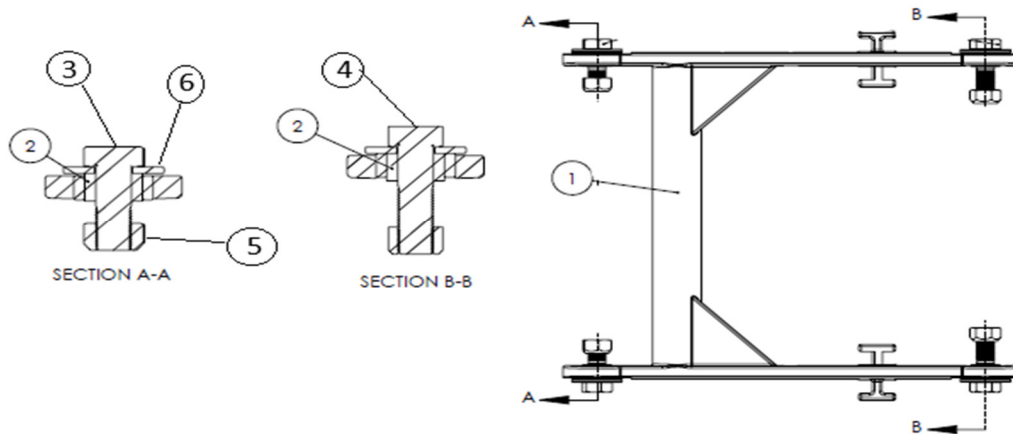
KINZE UPPER ARM KIT



ITEM	PART NO.	DESCRIPTION	QTY
1	A2974	5/8 WASHER	2
2	A6000	INNER BUSHING NARROW 1 x .625 x .575	2
3	A6015	5/8-18 x 1.75 SHOULDER BOLT	1
4	A6012	5/8-18 STOVER LOCK NUT	2
5	A6023	5/8-18 x 2.25 SHOULDER BOLT	1
6	A6021	KINZE ARM ASSEMBLY SHORT UPPER ARM	1
	A6022	OUTER BUSHING 1 x 1.38 x .5	2

6500-062

KINZE PULL LOWER ARM KIT

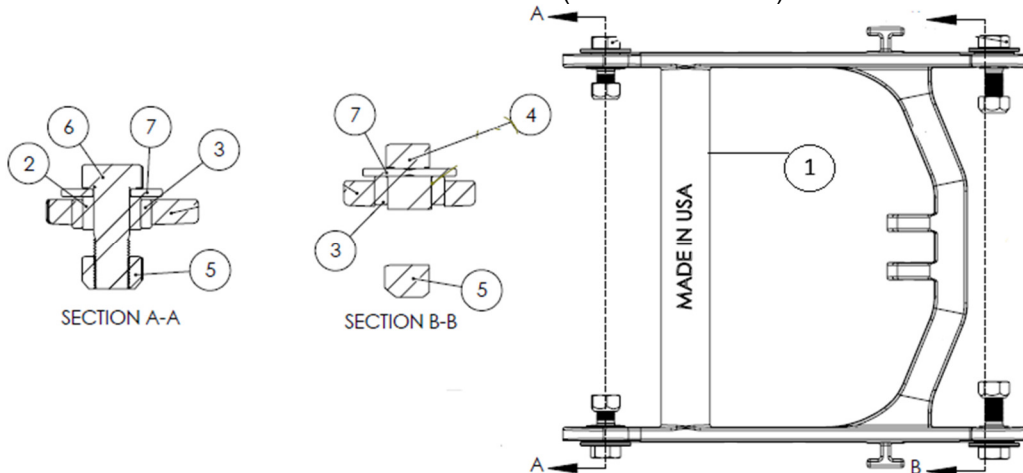


ITEM	PART NO.	DESCRIPTION	QTY
1	A6264	PULL LOWER ARM ASSEMBLY	1
	A6022	OUTER BUSHING 1 x 1.38 x .5	4
2	A6000	INNER BUSHING 1 x .625 x .575	4
3	A6015	5/8-18 x 1.75 SHOULDER BOLT	2
4	A6023	5/8-18 x 2.25 SHOULDER BOLT	2
5	A6012	5/8-18 STOVER LOCKNUT	4
6	A2974	WASHER	4

PARTS IDENTIFICATION

6500-063

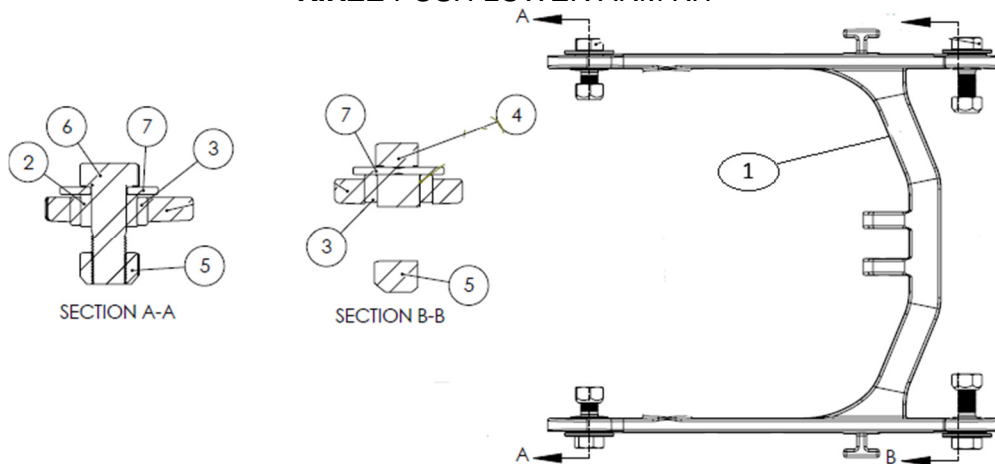
KINZE PULL LOWER ARM (DELTA FORCE) KIT



ITEM	PART NO.	DESCRIPTION	QTY
1	A6081	PULL LOWER ARM ASSEMBLY DELTA FORCE	1
2	A6000	INNER BUSHING 1 x .625 x .575	4
3	A6022	OUTER BUSHING 1 x 1.38 x .5	4
4	A6023	5/8-18 x 2.25 SHOULDER BOLT	2
5	A6012	5/8-18 STOVER LOCKNUT	4
6	A6015	5/8-18 x 1.75 SHOULDER BOLT	2
7	A2974	WASHER	4

6500-064

KINZE PUSH LOWER ARM KIT

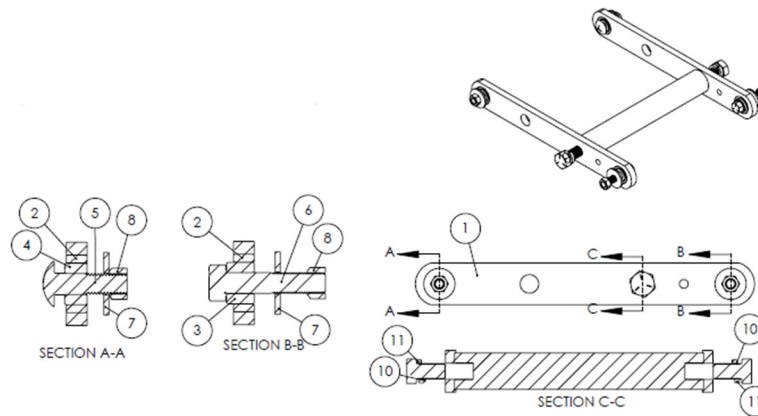


ITEM	PART NO.	DESCRIPTION	QTY
1	A6089	PUSH LOWER ARM ASSEMBLY	1
2	A6000	INNER BUSHING 1 x .625 x .575	4
3	A6022	OUTER BUSHING 1 x 1.38 x .5	4
4	A6015	5/8-18 x 1.75 SHOULDER BOLT	2
5	A6012	5/8-18 STOVER LOCKNUT	4
6	A6023	5/8-18 x 2.25 SHOULDER BOLT	2
7	A2974	WASHER	4

PARTS IDENTIFICATION

6500-070

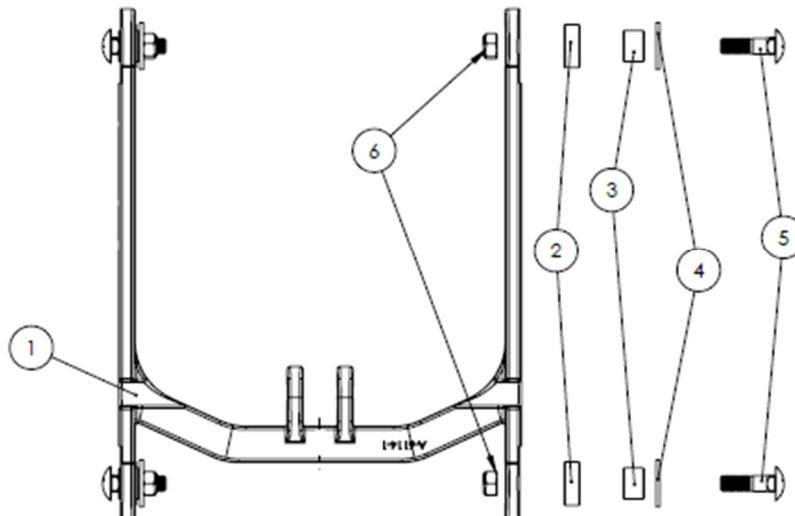
CASE-IH UPPER ARM with CROSS BAR KIT



ITEM	PART NO.	DESCRIPTION	QTY
1	A6115	UPPER ARM ASSEMBLY	2
2	A6022	OUTER BUSHING 1 x 1.38 x .5	4
3	A6162	BUSHING .997 x .507 x .66	2
4	A6158	BUSHING .997 x .507 x .537	2
5	A6157	1/2 -20 CARRIAGE SHOULDER BOLT	2
6	A6159	1/2 -20 x 2.375 SHOULDER BOLT	2
7	A6125	WASHER	4
8	A6123	1/-20 LOCKNUT	4
9	A6211	CROSS BAR	1
10	A6212	3/4-16 X 1.375 CAP SCREW GRADE 5	2
11	A6228	3/4 LOCK WASHER	2

6500-071

CASE-IH LOWER PARALLEL ARM KIT

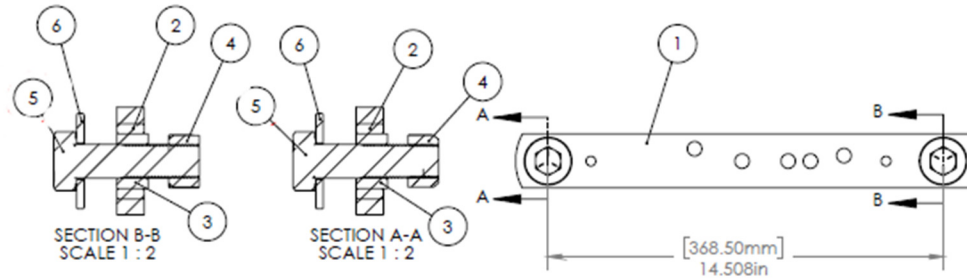


ITEM	PART NO.	DESCRIPTION	QTY
1	A6114	LOWER ARM ASSEMBLY	1
2	A6022	OUTER BUSHING 1 x 1.38 x .5	4
3	A6162	BUSHING .997 x .507 x .66	4
4	A6125	WASHER	4
5	A6157	1/2 -20 CARRIAGE SHOULDER BOLT	4
6	A6123	1/-20 LOCKNUT	4

PARTS IDENTIFICATION

6500-072

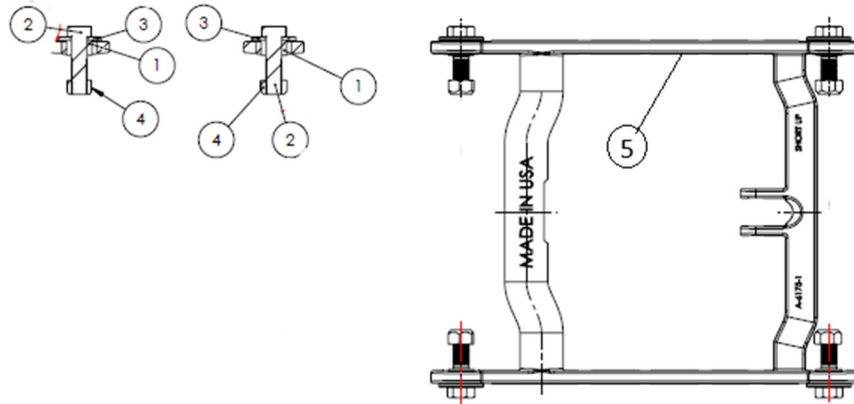
WHITE/MASSEY UPPER ARM KIT



ITEM	PART NO.	DESCRIPTION	QTY
1	A6107	UPPER ARM ASSEMBLY	1
2	A6022	OUTER BUSHING 1 x 1.38 x .5	2
3	A6000	INNER BUSHING 1 x .628 x .575	2
4	A6012	5/8-18 STOVER LOCK NUT	2
5	A6023	5/8-18 X 2.25 SHOULDER BOLT	2
6	A2974	WASHER	2

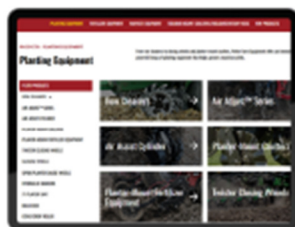
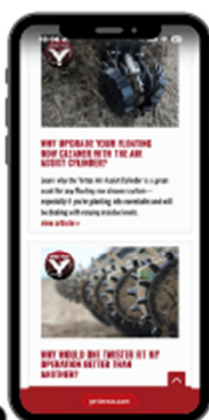
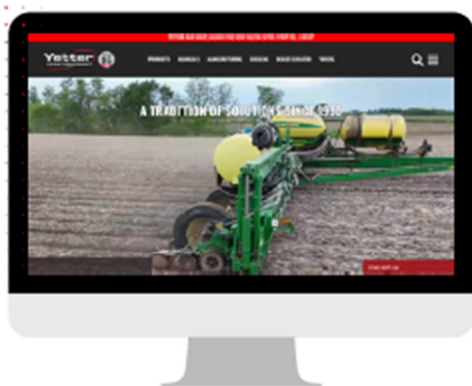
6500-073

WHITE/MASSEY LOWER ARM KIT



ITEM	PART NO.	DESCRIPTION	QTY
1	A6000	INNER BUSHING NARROW 1 x .625 x .575	4
2	A6023	5/8-18 x 2.25 SHOULDER BOLT	4
3	A2974	WASHER	4
4	A6012	5/8-18 STOVER LOCK NUT	4
5	A6175	LOWER ARM ASSEMBLY	1
	A6022	OUTER BUSHING 1 x 1.38 x .5	2

PART #:	INCLUDED IN 6500-:	DESCRIPTION:
AG1573-K	6500-050, -051	JD UPPER PARALLEL ARM HARDWARE KIT
AG1602-K	6500-052, -053, -054, -063, -064, -071	JD LOWER PARALLEL ARM HARDWARE KIT
AG1606-K	6500-061	KINZE UPPER PARALLEL ARM HARDWARE KIT
AG1610-K	6500-068	GAUGE WHEEL ARM HARDWARE KIT
AG1612-K	6500-063	KINZE LOWER PARALLEL ARM HARDWARE KIT
AG1617-K	6500-059	JD ROW UNIT HARDWARE KIT
AG1619-K	6500-065	KINZE ROW UNIT HARDWARE KIT
AG1623-K	6500-071	CASE LOWER PARALLEL ARM HARDWARE KIT
AG1625-K	6500-057	DELTA FORCE BRACKET HARDWARE KIT
AG1631-K	6500-072	WHITE UPPER PARALLEL ARM HARDWARE KIT
AG1632-K	6500-073	WHITE LOWER PARALLEL ARM HARDWARE KIT
AG1635-K	6500-020	CLOSING WHEEL ARM HARDWARE KIT
AG1636-K	6500-058	STUDS AND ROLL PIN HARDWARE KIT
AG1648-K	6500-021	COMPLETE CLOSING WHEEL HARDWARE KIT
AG1649-K	6500-070	CASE UPPER PARALLEL ARM HARDWARE KIT



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Yetter
FARM EQUIPMENT
SINCE 1939

800.447.5777

info@yetterco.com

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Yetter Farm Equipment Co

PO BOX 358 109 S. McDonough

Colchester, IL 62326-0358

Phone: 309-776-4111

Toll Free: 800-447-5777

Email: info@yetterco.com

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